Department of War
Fiscal Year (FY) 2027 Budget Estimates

April 2026

Navy

Justification Book Volume 1 of 5

Other Procurement, Navy

Budget Activity 01

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OPN 1	The estimated cost of this report for the Department of the Navy (DON) is $58,268. The estimated total cost for supporting the DON budget justification material is approximately $3,188,286 during the 2026 fiscal year. This includes $207,573 in supplies and $2,980,713 in labor.	$58,268
OPN 2	The estimated cost of this report for the Department of the Navy (DON) is $100,759. The estimated total cost for supporting the DON budget justification material is approximately $3,188,286 during the 2026 fiscal year. This includes $207,573 in supplies and $2,980,713 in labor.	$100,759
OPN 3	The estimated cost of this report for the Department of the Navy (DON) is $23,118. The estimated total cost for supporting the DON budget justification material is approximately $3,188,286 during the 2026 fiscal year. This includes $207,573 in supplies and $2,980,713 in labor.	$23,118
OPN 4	The estimated cost of this report for the Department of the Navy (DON) is $38,526. The estimated total cost for supporting the DON budget justification material is approximately $3,188,286 during the 2026 fiscal year. This includes $207,573 in supplies and $2,980,713 in labor.	$38,526
OPN 5-8	The estimated cost of this report for the Department of the Navy (DON) is $29,304. The estimated total cost for supporting the DON budget justification material is approximately $3,188,286 during the 2026 fiscal year. This includes $207,573 in supplies and $2,980,713 in labor.	$29,304

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Other Procurement, Navy

For procurement, production, and modernization of support equipment and materials not otherwise provided for, Navy ordnance (except ordnance for new aircraft, new ships, and ships authorized for conversion); the purchase of passenger motor vehicles for replacement only; expansion of public and private plants, including the land necessary therefore, and such lands and interests therein, may be acquired, and construction prosecuted thereon prior to approval of title; and procurement and installation of equipment, appliances, and machine tools in public and private plants; reserve plant and Government and contractor-owned equipment layaway, $18,866,679 to remain available for obligation until September 30, 2029, of which $0 shall be available for the Navy Reserve and the Marine Corps Reserve: Provided, That such funds are also available for the maintenance, repair, and modernization of ships.

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Department of War
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
DoW Component Summary
(Dollars in Thousands)

Appropriation Summary	FY 2025 Actuals	FY 2026 Discretionary Enacted	FY 2026 PL 119-21 Spend Plan	FY 2026 Total
Other Procurement, Navy	15,817,464	14,693,978	5,802,107	20,496,085
Total Department of the Navy	**15,817,464**	**14,693,978**	**5,802,107**	**20,496,085**
Grand Total Department of War	**15,817,464**	**14,693,978**	**5,802,107**	**20,496,085**

Department of War
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
DoW Component Summary
(Dollars in Thousands)

Appropriation Summary	FY 2027 Discretionary Request	FY 2027 Mandatory Request	FY 2027 Total
Other Procurement, Navy	18,866,679	50,000	18,916,679
Total Department of the Navy	**18,866,679**	**50,000**	**18,916,679**
Grand Total Department of War	**18,866,679**	**50,000**	**18,916,679**

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
Navy Summary
(Dollars in Thousands)

Appropriation Summary	FY 2025 Actuals	FY 2026 Discretionary Enacted	FY 2026 PL 119-21 Spend Plan	FY 2026 Total
Other Procurement, Navy	15,817,464	14,693,978	5,802,107	20,496,085
Total Department of the Navy	**15,817,464**	**14,693,978**	**5,802,107**	**20,496,085**

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
Navy Summary
(Dollars in Thousands)

Appropriation Summary	FY 2027 Discretionary Request	FY 2027 Mandatory Request	FY 2027 Total
Other Procurement, Navy	18,866,679	50,000	18,916,679
Total Department of the Navy	**18,866,679**	**50,000**	**18,916,679**

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Budget Activity Summary
(Dollars in Thousands)

Appropriation: **Other Procurement, Navy**

	FY 2025 Actuals	FY 2026 Discretionary Enacted	FY 2026 PL 119-21 Spend Plan	FY 2026 Total
Budget Activity				
01. Ships support equipment	6,488,639	5,839,954	3,510,954	9,350,908
02. Communications and electronics equipment	4,075,820	4,467,421	143,000	4,610,421
03. Aviation support equipment	883,449	843,043	80,000	923,043
04. Ordnance support equipment	1,432,684	1,660,570	17,380	1,677,950
05. Civil engineering support equipment	260,583	350,308	200	350,508
06. Supply support equipment	1,049,044	672,821	40,800	713,621
07. Personnel and command support equipment	619,602	700,723	21,946	722,669
08. Spares and repair parts	1,007,643	159,138	1,987,827	2,146,965
Total Other Procurement, Navy	**15,817,464**	**14,693,978**	**5,802,107**	**20,496,085**

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Budget Activity Summary
(Dollars in Thousands)

Appropriation: **Other Procurement, Navy**

	FY 2027 Discretionary Request	FY 2027 Mandatory Request	FY 2027 Total
Budget Activity			
01. Ships support equipment	7,696,789	50,000	7,746,789
02. Communications and electronics equipment	5,446,166		5,446,166
03. Aviation support equipment	899,479		899,479
04. Ordnance support equipment	2,210,273		2,210,273
05. Civil engineering support equipment	353,489		353,489
06. Supply support equipment	396,204		396,204
07. Personnel and command support equipment	1,098,568		1,098,568
08. Spares and repair parts	765,711		765,711
Total Other Procurement, Navy	**18,866,679**	**50,000**	**18,916,679**

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Budget Activity 01: Ships support equipment										
	Ship Propulsion Equipment										
1	Surface Power Equipment	A	U		20,840		9,978				9,978
	Generators										
2	Surface Combatant HM&E	A	U		77,592		62,004				62,004
	Navigation Equipment										
3	Other Navigation Equipment	A	U		97,206		96,945				96,945
	Other Shipboard Equipment										
4	Sub Periscope, Imaging and Supt Equip Prog	A	U		275,575		204,863				204,863
5	DDG Mod	A	U		822,065		878,787				878,787
6	Firefighting Equipment	A	U		38,521		36,488				36,488

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
	Budget Activity 01: Ships support equipment								
	Ship Propulsion Equipment								
1	Surface Power Equipment	A	U		22,668				22,668
	Generators								
2	Surface Combatant HM&E	A	U		103,871				103,871
	Navigation Equipment								
3	Other Navigation Equipment	A	U		83,510				83,510
	Other Shipboard Equipment								
4	Sub Periscope, Imaging and Supt Equip Prog	A	U		344,885				344,885
5	DDG Mod	A	U		1,000,278				1,000,278
6	Firefighting Equipment	A	U		177,708				177,708

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
7	Command and Control Switchboard	A	U		2,402		2,417				2,417
8	LHA/LHD Midlife	A	U		76,601		60,617		65,400		126,017
9	LCC 19/20 Extended Service Life Program	A	U		7,352		19,276				19,276
10	Pollution Control Equipment	B	U		23,440		22,477				22,477
11	Submarine Support Equipment	A	U		278,766		383,062				383,062
12	Virginia Class Support Equipment	A	U		43,565		52,039				52,039
13	LCS Class Support Equipment		U		5,855		2,551				2,551
14	Submarine Batteries		U		30,470		28,169				28,169
15	LPD Class Support Equipment		U		45,738		96,542		29,000		125,542
16	DDG 1000 Class Support Equipment	A	U		325,668		115,267				115,267
17	Strategic Platform Support Equip	A	U		53,931		38,039				38,039

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
7	Command and Control Switchboard	A	U		2,259				2,259
8	LHA/LHD Midlife	A	U		131,315				131,315
9	LCC 19/20 Extended Service Life Program	A	U		766				766
10	Pollution Control Equipment	B	U		22,506				22,506
11	Submarine Support Equipment	A	U		330,951				330,951
12	Virginia Class Support Equipment	A	U		83,297				83,297
13	LCS Class Support Equipment		U		15,815				15,815
14	Submarine Batteries		U		26,211				26,211
15	LPD Class Support Equipment		U		213,723				213,723
16	DDG 1000 Class Support Equipment	A	U		58,284				58,284
17	Strategic Platform Support Equip	A	U		72,163				72,163

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
18	DSSP Equipment	A	U		4,586		5,849				5,849
19	Small Unmanned Surface Vehicles		U						694,020		694,020
20	LCAC	A	U		11,013				20,321		20,321
21	Underwater EOD Equipment		U		16,650		22,355				22,355
22	Items Less Than $5 Million	A	U		66,346		12,691		7,400		20,091
23	Chemical Warfare Detectors	A	U		3,254		2,607				2,607
	Reactor Plant Equipment										
24	Ship Maintenance, Repair and Modernization	A	U		2,573,098		2,392,620				2,392,620
25	Reactor Components	A	U		445,974		474,806				474,806
	Ocean Engineering										
26	Diving and Salvage Equipment	A	U		14,000		7,842				7,842

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
18	DSSP Equipment	A	U		7,440				7,440
19	Small Unmanned Surface Vehicles		U		585				585
20	LCAC	A	U		22,515				22,515
21	Underwater EOD Equipment		U		20,575				20,575
22	Items Less Than $5 Million	A	U		69,425				69,425
23	Chemical Warfare Detectors	A	U		2,425				2,425
	Reactor Plant Equipment								
24	Ship Maintenance, Repair and Modernization	A	U		2,737,140				2,737,140
25	Reactor Components	A	U		519,821				519,821
	Ocean Engineering								
26	Diving and Salvage Equipment	A	U		33,013				33,013

Department of the Navy
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Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Small Boats										
27	Medium Unmanned Surface Vehicle (MUSVs)	A	U						1,950,714		1,950,714
28	Standard Boats	A	U		447,298		82,086		5,100		87,186
	Production Facilities Equipment										
29	Operating Forces Ipe	A	U		209,304		394,998		390,600		785,598
	Other Ship Support										
30	LCS Common Mission Modules Equipment		U		56,103		38,880				38,880
31	LCS MCM Mission Modules		U		118,247		91,372				91,372
32	LCS SUW Mission Modules		U		11,101		3,790				3,790
33	LCS In-Service Modernization	A	U		188,254		189,458				189,458
34	Small & Medium UUV	A	U		48,780		7,000		345,086		352,086

Department of the Navy
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Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
	Small Boats								
27	Medium Unmanned Surface Vehicle (MUSVs)	A	U		121,130		50,000		171,130
28	Standard Boats	A	U		97,746				97,746
	Production Facilities Equipment								
29	Operating Forces Ipe	A	U		492,100				492,100
	Other Ship Support								
30	LCS Common Mission Modules Equipment		U		30,565				30,565
31	LCS MCM Mission Modules		U		65,113				65,113
32	LCS SUW Mission Modules		U		1,719				1,719
33	LCS In-Service Modernization	A	U		315,272				315,272
34	Small & Medium UUV	A	U		110,955				110,955

Department of the Navy
FY 2027 President's Budget
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Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
35	Large UUV	A	U								
36	Extra Large UUV	A	U						3,313		3,313
	Logistic Support										
37	LSD Midlife & Modernization		U		49,044		4,079				4,079
Total Ships support equipment					**6,488,639**		**5,839,954**		**3,510,954**		**9,350,908**
Budget Activity 02: Communications and electronics equipment											
	Ship Sonars										
38	SPQ-9B Radar	A	U		7,402						
39	AN/SQQ-89 Surf ASW Combat System	A	U		134,635		144,425				144,425
40	SSN Acoustic Equipment	A	U		458,824		498,597				498,597
41	Undersea Warfare Support Equipment	A	U		14,247						

Department of the Navy
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Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
35	Large UUV	A	U		222,998				222,998
36	Extra Large UUV	A	U		135,802				135,802
	Logistic Support								
37	LSD Midlife & Modernization		U		240				240
Total Ships support equipment					**7,696,789**		**50,000**		**7,746,789**
Budget Activity 02: Communications and electronics equipment									
	Ship Sonars								
38	SPQ-9B Radar	A	U						
39	AN/SQQ-89 Surf ASW Combat System	A	U		142,355				142,355
40	SSN Acoustic Equipment	A	U		454,161				454,161
41	Undersea Warfare Support Equipment	A	U						

Department of the Navy
FY 2027 President's Budget
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Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
ASW Electronic Equipment											
42	Submarine Acoustic Warfare System	A	U		51,514		56,482				56,482
43	SSTD	A	U		9,647		14,915				14,915
44	Fixed Surveillance System	A	U		405,854		352,312		143,000		495,312
45	SURTASS	A	U		45,975		31,169				31,169
Electronic Warfare Equipment											
46	AN/SLQ-32	A	U		190,011		422,704				422,704
Reconnaissance Equipment											
47	Shipboard IW Exploit	A	U		361,915		379,908				379,908
48	Maritime Battlespace Awareness		U		4,680		13,008				13,008
Other Ship Electronic Equipment											

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
ASW Electronic Equipment									
42	Submarine Acoustic Warfare System	A	U		68,881				68,881
43	SSTD	A	U		14,857				14,857
44	Fixed Surveillance System	A	U		490,548				490,548
45	SURTASS	A	U		72,190				72,190
Electronic Warfare Equipment									
46	AN/SLQ-32	A	U		653,483				653,483
Reconnaissance Equipment									
47	Shipboard IW Exploit	A	U		701,667				701,667
48	Maritime Battlespace Awareness		U		8,652				8,652
Other Ship Electronic Equipment									

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
49	Cooperative Engagement Capability	B	U		26,644		26,648				26,648
50	Naval Tactical Command Support System (NTCSS)	A	U		13,614		7,972				7,972
51	ATDLS	A	U		68,458		58,739				58,739
52	Navy Command and Control System (NCCS)		U		3,645		3,489				3,489
53	Minesweeping System Replacement	A	U		16,808		16,426				16,426
54	Navstar GPS Receivers (SPACE)	A	U		37,964		45,701				45,701
55	American Forces Radio and TV Service	A	U		3,802		304				304
	Aviation Electronic Equipment										
56	Ashore ATC Equipment	A	U		90,586		97,262				97,262
57	Afloat ATC Equipment	A	U		74,458		72,104				72,104
58	ID Systems	A	U		59,602		52,171				52,171

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
49	Cooperative Engagement Capability	B	U		33,932				33,932
50	Naval Tactical Command Support System (NTCSS)	A	U		10,108				10,108
51	ATDLS	A	U		52,758				52,758
52	Navy Command and Control System (NCCS)		U		16,167				16,167
53	Minesweeping System Replacement	A	U		14,879				14,879
54	Navstar GPS Receivers (SPACE)	A	U		43,097				43,097
55	American Forces Radio and TV Service	A	U		289				289
	Aviation Electronic Equipment								
56	Ashore ATC Equipment	A	U		83,057				83,057
57	Afloat ATC Equipment	A	U		62,581				62,581
58	ID Systems	A	U		35,620				35,620

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
59	Joint Precision Approach And Landing System (		U		7,287		5,105				5,105
60	Naval Mission Planning Systems	A	U		42,326		60,058				60,058
	Other Shore Electronic Equipment										
61	Maritime Integrated Broadcast System		U		8,479						
62	Tactical/Mobile C4I Systems	A	U		66,470		64,901				64,901
63	Intelligence Surveillance and Reconnaissance (ISR)	A	U		16,946		12,112				12,112
64	CANES		U		439,977		534,324				534,324
65	RADIAC	A	U		38,688		31,289				31,289
66	CANES-Intell		U		50,654		46,281				46,281
67	GPETE	A	U		32,005		33,395				33,395
68	MASF		U		24,361		13,205				13,205

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
59	Joint Precision Approach And Landing System (		U		2,976				2,976
60	Naval Mission Planning Systems	A	U		54,487				54,487
	Other Shore Electronic Equipment								
61	Maritime Integrated Broadcast System		U						
62	Tactical/Mobile C4I Systems	A	U		48,262				48,262
63	Intelligence Surveillance and Reconnaissance (ISR)	A	U		11,824				11,824
64	CANES		U		493,046				493,046
65	RADIAC	A	U		38,000				38,000
66	CANES-Intell		U		43,028				43,028
67	GPETE	A	U		31,462				31,462
68	MASF		U		5,822				5,822

Department of the Navy
FY 2027 President's Budget
Exhibit P-1
Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
69	Integ Combat System Test Facility	A	U		6,709		11,493				11,493
70	EMI Control Instrumentation	A	U		4,081		3,687				3,687
71	In-Service Radars and Sensors	A	U		262,890		249,656				249,656
	Shipboard Communications										
72	Battle Force Tactical Network	A	U		104,019		106,583				106,583
73	Shipboard Tactical Communications	A	U		24,602		20,900				20,900
74	Ship Communications Automation	A	U		127,321		162,075				162,075
75	Communications Items Under $5M	A	U		9,209		11,138				11,138
	Submarine Communications										
76	Submarine Broadcast Support	A	U		129,467		113,115				113,115
77	Submarine Communication Equipment	A	U		68,334		84,584				84,584

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1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
69	Integ Combat System Test Facility	A	U		6,454				6,454
70	EMI Control Instrumentation	A	U		3,435				3,435
71	In-Service Radars and Sensors	A	U		338,946				338,946
	Shipboard Communications								
72	Battle Force Tactical Network	A	U		125,661				125,661
73	Shipboard Tactical Communications	A	U		50,350				50,350
74	Ship Communications Automation	A	U		156,605				156,605
75	Communications Items Under $5M	A	U		15,097				15,097
	Submarine Communications								
76	Submarine Broadcast Support	A	U		173,069				173,069
77	Submarine Communication Equipment	A	U		88,071				88,071

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Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
	Satellite Communications										
78	Satellite Communications Systems	A	U		59,732		62,943				62,943
79	Navy Multiband Terminal (NMT)		U		162,928		63,433				63,433
80	Mobile Advanced EHF Terminal (MAT)	A	U				220,453				220,453
	Shore Communications										
81	Joint Communications Support Element (JCSE)	A	U		4,551		3,389				3,389
	Cryptographic Equipment										
82	Info Systems Security Program (ISSP)	A	U		195,063		191,239				191,239
83	MIO Intel Exploitation Team	A	U		1,100		1,122				1,122
	Cryptologic Equipment										

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(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
	Satellite Communications								
78	Satellite Communications Systems	A	U		57,961				57,961
79	Navy Multiband Terminal (NMT)		U		57,768				57,768
80	Mobile Advanced EHF Terminal (MAT)	A	U		202,305				202,305
	Shore Communications								
81	Joint Communications Support Element (JCSE)	A	U						
	Cryptographic Equipment								
82	Info Systems Security Program (ISSP)	A	U		349,099				349,099
83	MIO Intel Exploitation Team	A	U		1,063				1,063
	Cryptologic Equipment								

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(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
84	Cryptologic Communications Equip	A	U		15,506		7,841				7,841
	Other Electronic Support										
85	DON TRR-1 (Afloat)	A	U		10,370						
86	DON UAS Video 5 (Afloat)	A	U		5,370						
87	USN Ashore/Shipboard CONOPS Verification and	A	U		6,586						
88	USN Training Ranges - Codify CONOPS/TTPs	A	U		1,375						
89	USN Training Ranges - Spectrum Sensing	A	U		1,000						
90	USN EME Sensing and Monitoring	A	U		120						
91	Coast Guard Equipment	A	U		49,523		58,764				58,764
	Drug Interdiction Support										
92	Other Drug Interdiction Support	A	U		18,486						

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1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
84	Cryptologic Communications Equip	A	U		7,419				7,419
	Other Electronic Support								
85	DON TRR-1 (Afloat)	A	U						
86	DON UAS Video 5 (Afloat)	A	U						
87	USN Ashore/Shipboard CONOPS Verification and	A	U						
88	USN Training Ranges - Codify CONOPS/TTPs	A	U						
89	USN Training Ranges - Spectrum Sensing	A	U						
90	USN EME Sensing and Monitoring	A	U						
91	Coast Guard Equipment	A	U		67,106				67,106
	Drug Interdiction Support								
92	Other Drug Interdiction Support	A	U		57,568				57,568

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1810N Detail
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Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Total	**Communications and electronics equipment**				**4,075,820**		**4,467,421**		**143,000**		**4,610,421**
	Budget Activity 03: Aviation support equipment										
	Sonobuoys										
93	Sonobuoys - All Types	A	U		353,441		289,908		80,000		369,908
	Aircraft Support Equipment										
94	Minotaur	A	U		5,431		5,191				5,191
95	Weapons Range Support Equipment	A	U		138,062		123,435				123,435
96	Aircraft Support Equipment	A	U		121,727		82,039				82,039
97	Advanced Arresting Gear (AAG)	A	U		2,244		4,484				4,484
98	Electromagnetic Aircraft Launch System (EMALS	A	U		14,702		16,294				16,294
99	Meteorological Equipment	A	U		17,982		13,806				13,806

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Total Obligational Authority
1810N Detail
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Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
Total Communications and electronics equipment					**5,446,166**				**5,446,166**
Budget Activity 03: Aviation support equipment									
Sonobuoys									
93	Sonobuoys - All Types	A	U		300,151				300,151
Aircraft Support Equipment									
94	Minotaur	A	U		4,831				4,831
95	Weapons Range Support Equipment	A	U		119,900				119,900
96	Aircraft Support Equipment	A	U		69,065				69,065
97	Advanced Arresting Gear (AAG)	A	U		23,551				23,551
98	Electromagnetic Aircraft Launch System (EMALS	A	U		36,908				36,908
99	Meteorological Equipment	A	U		7,477				7,477

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1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
100	Airborne MCM	A	U		10,643		9,643				9,643
101	Aviation Support Equipment	A	U		99,656		111,334				111,334
102	UMCS-Unman Carrier Aviation(UCA)Mission Cntrl	A	U		119,561		186,909				186,909
Total Aviation support equipment					**883,449**		**843,043**		**80,000**		**923,043**
Budget Activity 04: Ordnance support equipment											
Ship Gun System Equipment											
103	Ship Gun Systems Equipment	A	U		6,712		7,358				7,358
Ship Missile Systems Equipment											
104	Harpoon Support Equipment	A	U		226		209				209
105	Ship Missile Support Equipment	A	U		431,830		527,292				527,292
106	Tomahawk Support Equipment	A	U		98,921		107,709				107,709
FBM Support Equipment											

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Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
100	Airborne MCM	A	U		9,507				9,507
101	Aviation Support Equipment	A	U		116,873				116,873
102	UMCS-Unman Carrier Aviation(UCA)Mission Cntrl	A	U		211,216				211,216
Total Aviation support equipment					**899,479**				**899,479**
Budget Activity 04: Ordnance support equipment									
Ship Gun System Equipment									
103	Ship Gun Systems Equipment	A	U		6,962				6,962
Ship Missile Systems Equipment									
104	Harpoon Support Equipment	A	U		195				195
105	Ship Missile Support Equipment	A	U		431,069				431,069
106	Tomahawk Support Equipment	A	U		116,208				116,208
FBM Support Equipment									

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Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
107	CPS Support Equipment	A	U				67,264				67,264
108	Strategic Missile Systems Equip	A	U		320,691		491,179		9,180		500,359
	ASW Support Equipment										
109	SSN Combat Control Systems	A	U		153,237		102,954				102,954
110	ASW Support Equipment	A	U		25,362		25,721				25,721
	Other Ordnance Support Equipment										
111	Explosive Ordnance Disposal Equip	B	U		52,885		17,758				17,758
112	Directed Energy Systems	A	U		3,817		2,976				2,976
113	Items Less Than $5 Million	A	U		3,193		3,635				3,635
	Other Expendable Ordnance										
114	Anti-Ship Missile Decoy System	A	U		75,614		50,741				50,741

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Total Obligational Authority
1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
107	CPS Support Equipment	A	U		188,430				188,430
108	Strategic Missile Systems Equip	A	U		327,941				327,941
	ASW Support Equipment								
109	SSN Combat Control Systems	A	U		165,416				165,416
110	ASW Support Equipment	A	U		25,105				25,105
	Other Ordnance Support Equipment								
111	Explosive Ordnance Disposal Equip	B	U		48,252				48,252
112	Directed Energy Systems	A	U						
113	Items Less Than $5 Million	A	U		2,592				2,592
	Other Expendable Ordnance								
114	Anti-Ship Missile Decoy System	A	U		606,241				606,241

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1810N Detail
(Dollars in Thousands)

Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
115	Submarine Training Device Mods	A	U		80,236		77,889				77,889
116	Surface Training Equipment	A	U		179,960		177,885		8,200		186,085
Total Ordnance support equipment					**1,432,684**		**1,660,570**		**17,380**		**1,677,950**
Budget Activity 05: Civil engineering support equipment											
Civil Engineering Support Equipment											
117	Passenger Carrying Vehicles	A	U		3,751		3,825				3,825
118	General Purpose Trucks	A	U		5,795		5,489				5,489
119	Trailers	A	U						200		200
120	Construction & Maintenance Equip	A	U		76,983		105,592				105,592
121	Fire Fighting Equipment	A	U		23,006		27,675				27,675
122	Tactical Vehicles	B	U		36,355		37,262				37,262
123	Amphibious Equipment	A	U		6,454		38,073				38,073

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Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
115	Submarine Training Device Mods	A	U		73,681				73,681
116	Surface Training Equipment	A	U		218,181				218,181
Total Ordnance support equipment					**2,210,273**				**2,210,273**
Budget Activity 05: Civil engineering support equipment									
Civil Engineering Support Equipment									
117	Passenger Carrying Vehicles	A	U		3,567				3,567
118	General Purpose Trucks	A	U		4,801				4,801
119	Trailers	A	U						
120	Construction & Maintenance Equip	A	U		91,269				91,269
121	Fire Fighting Equipment	A	U		17,107				17,107
122	Tactical Vehicles	B	U		46,796				46,796
123	Amphibious Equipment	A	U		53,916				53,916

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Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
124	Pollution Control Equipment	A	U		3,924		4,009				4,009
125	Items less than $5 Million	A	U		103,014		127,086				127,086
126	Physical Security Vehicles	A	U		1,301		1,297				1,297
Total Civil engineering support equipment					**260,583**		**350,308**		**200**		**350,508**
Budget Activity 06: Supply support equipment											
Supply Support Equipment											
127	Supply Equipment	A	U		56,585				40,800		40,800
128	First Destination Transportation	A	U		6,463		6,203				6,203
129	Special Purpose Supply Systems	A	U		985,996		666,618				666,618
Total Supply support equipment					**1,049,044**		**672,821**		**40,800**		**713,621**
Budget Activity 07: Personnel and command support equipment											
Training Devices											
130	Training Support Equipment	A	U		5,341		3,480				3,480

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Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
124	Pollution Control Equipment	A	U		3,586				3,586
125	Items less than $5 Million	A	U		131,449				131,449
126	Physical Security Vehicles	A	U		998				998
Total Civil engineering support equipment					**353,489**				**353,489**
Budget Activity 06: Supply support equipment									
Supply Support Equipment									
127	Supply Equipment	A	U		67,828				67,828
128	First Destination Transportation	A	U		4,732				4,732
129	Special Purpose Supply Systems	A	U		323,644				323,644
Total Supply support equipment					**396,204**				**396,204**
Budget Activity 07: Personnel and command support equipment									
Training Devices									
130	Training Support Equipment	A	U		10,608				10,608

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Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
131	Training and Education Equipment	A	U		43,126		73,631				73,631
	Command Support Equipment										
132	Command Support Equipment	A	U		29,698		34,249				34,249
133	Medical Support Equipment	A	U		10,122		24,256				24,256
135	Naval MIP Support Equipment	A	U		6,590		8,810		21,946		30,756
136	Operating Forces Support Equipment	A	U		17,941		16,567				16,567
137	C4ISR Equipment	A	U		33,606		36,945				36,945
138	Environmental Support Equipment	A	U		47,499		42,860				42,860
139	Physical Security Equipment	A	U		138,799		166,577				166,577
140	Enterprise Information Technology	A	U		42,026		42,363				42,363

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Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
131	Training and Education Equipment	A	U		331,016				331,016
	Command Support Equipment								
132	Command Support Equipment	A	U		55,202				55,202
133	Medical Support Equipment	A	U		54,862				54,862
135	Naval MIP Support Equipment	A	U		5,213				5,213
136	Operating Forces Support Equipment	A	U		15,107				15,107
137	C4ISR Equipment	A	U		33,975				33,975
138	Environmental Support Equipment	A	U		60,467				60,467
139	Physical Security Equipment	A	U		218,037				218,037
140	Enterprise Information Technology	A	U		40,490				40,490

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Appropriation: 1810 Other Procurement, Navy				FY 2025 Actuals		FY 2026 Discretionary Enacted		FY 2026 PL 119-21 Spend Plan		FY 2026 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Other											
141	Cancelled Account Adjustments	A	U		46						
142	Next Generation Enterprise Service	A	U		226,479		185,755				185,755
143	Cyberspace Activities	A	U		2,195		2,239				2,239
Classified Programs											
999	Classified Programs		U		16,134		62,991				62,991
Total Personnel and command support equipment					**619,602**		**700,723**		**21,946**		**722,669**
Budget Activity 08: Spares and repair parts											
Spares and Repair Parts											
144	Spares and Repair Parts	A	U		1,007,643		159,138		1,987,827		2,146,965
Total Spares and repair parts					**1,007,643**		**159,138**		**1,987,827**		**2,146,965**
Total Other Procurement, Navy					**15,817,464**		**14,693,978**		**5,802,107**		**20,496,085**

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Appropriation: 1810 Other Procurement, Navy				FY 2027 Discretionary Request		FY 2027 Mandatory Request		FY 2027 Total	
Line No	Item Nomenclature	Ident Code	Sec	Qty	Cost	Qty	Cost	Qty	Cost
Other									
141	Cancelled Account Adjustments	A	U						
142	Next Generation Enterprise Service	A	U		223,647				223,647
143	Cyberspace Activities	A	U		7,131				7,131
Classified Programs									
999	Classified Programs		U		42,813				42,813
Total Personnel and command support equipment					**1,098,568**				**1,098,568**
Budget Activity 08: Spares and repair parts									
Spares and Repair Parts									
144	Spares and Repair Parts	A	U		765,711				765,711
Total Spares and repair parts					**765,711**				**765,711**
Total Other Procurement, Navy					**18,866,679**		**50,000**		**18,916,679**

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
35	01	15	1612	Large UUV	Volume 1 - 641
36	01	15	1613	Extra Large UUV	Volume 1 - 647
37	01	16	1610	LSD Midlife & Modernization	Volume 1 - 653

Appropriation 1810N: Other Procurement, Navy

Line #	BA	BSA	Line Item Number	Line Item Title	Page
38	02	02	2026	SPQ-9B Radar	Volume 2 - 1
39	02	02	2136	AN/SQQ-89 Surf ASW Cmbt Sys	Volume 2 - 9
40	02	02	2150	SSN Acoustic Equipment	Volume 2 - 47
41	02	02	2176	Undersea Warfare Support Equipment	Volume 2 - 89
42	02	03	2210	Submarine Acoustic Warfare System	Volume 2 - 97
43	02	03	2213	Surface Ship Torpedo Def (SSTD)	Volume 2 - 129
44	02	03	2225	Fixed Surveillance System	Volume 2 - 139
45	02	03	2237	SURTASS	Volume 2 - 143
46	02	04	2312	AN/SLQ-32	Volume 2 - 167
47	02	05	2360	Shipboard IW Exploit	Volume 2 - 217

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49	02	07	2606	Cooperative Engagement Capability	Volume 2 - 273
50	02	07	2611	Naval Tact Cmd Supt Sys (NTCSS)	Volume 2 - 291
51	02	07	2614	Adv Tact Data Link Sys (ATDLS)	Volume 2 - 315
52	02	07	2618	Navy Command and Control System (NCCS)	Volume 2 - 331
53	02	07	2622	Minesweeping System Replacement	Volume 2 - 339
54	02	07	2657	NAVSTAR GPS Receivers (Space)	Volume 2 - 343
55	02	07	2666	American Forces Radio and TV Service (AFRTS)	Volume 2 - 357
56	02	09	2820	Ashore ATC Equipment	Volume 2 - 363
57	02	09	2830	Afloat ATC Equipment	Volume 2 - 445
58	02	09	2851	ID Systems	Volume 2 - 471
59	02	09	2867	Joint Precision Approach and Landing System(JPALS)	Volume 2 - 509
60	02	09	2876	Naval Mission Planning Systems	Volume 2 - 515
61	02	10	2900	Maritime Integrated Broadcast System	Volume 2 - 533
62	02	10	2906	Tactical/Mobile C4I Systems	Volume 2 - 537
63	02	10	2914	Intelligence Surveillance and Reconnaissance (ISR)	Volume 2 - 551
64	02	10	2915	CANES	Volume 2 - 565
65	02	10	2920	RADIAC	Volume 2 - 579

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66	02	10	2925	CANES Intell	Volume 2 - 591
67	02	10	2940	Gen Purp Elec Test Equip (GPETE)	Volume 2 - 603
68	02	10	2950	Network Tactical Common Data Link (CDL)	Volume 2 - 613
69	02	10	2960	Integ Combat System Test Facility	Volume 2 - 621
70	02	10	2970	EMI Control Instrumentation	Volume 2 - 625
71	02	10	2981	In-Service Radars and Sensors	Volume 2 - 629
72	02	11	2437	Battle Force Tactical Network	Volume 2 - 667
73	02	11	3010	Shipboard Tactical Comms	Volume 2 - 671
74	02	11	3050	Ship Communications Automation	Volume 2 - 689
75	02	11	3057	Communications Items under $5M	Volume 2 - 719
76	02	12	3107	Submarine Broadcast Support	Volume 2 - 725
77	02	12	3130	Submarine Communication Equipment	Volume 2 - 729
78	02	13	3215	Satellite Communications Systems	Volume 2 - 733
79	02	13	3216	Navy Multiband Terminal (NMT)	Volume 2 - 751
80	02	13	3222	Mobile Advanced EHF Terminal (MAT)	Volume 2 - 769
81	02	14	3302	Joint Communications Support Element (JCSE)	Volume 2 - 775
82	02	15	3415	Info Systems Security Program (ISSP)	Volume 2 - 779
83	02	15	3417	MIO Intel Exploitation Team	Volume 2 - 819

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
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91	02	17	3620	Coast Guard Equipment	Volume 2 - 837

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94	03	03	3640	Minotaur	Volume 3 - 31
95	03	03	4204	Weapons Range Support Equipment	Volume 3 - 35
96	03	03	4213	Aircraft Support Equipment	Volume 3 - 45
97	03	03	4217	Advanced Arresting Gear (AAG)	Volume 3 - 77
98	03	03	4219	Electromagnetic Aircraft Launch System (EMALS)	Volume 3 - 99
99	03	03	4226	Meteorological Equipment	Volume 3 - 119
100	03	03	4248	Airborne MCM	Volume 3 - 127
101	03	03	4268	Aviation Support Equipment	Volume 3 - 135
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105	04	03	5231	Ship Missile Support Equipment	Volume 4 - 11
106	04	03	5253	Tomahawk Support Equipment	Volume 4 - 65
107	04	04	5353	CPS Support Equipment	Volume 4 - 71
108	04	04	5358	Strategic Missile Systems Equip	Volume 4 - 79
109	04	05	5420	SSN Combat Control Systems	Volume 4 - 99
110	04	05	5429	ASW Support Equipment	Volume 4 - 127
111	04	06	5509	EOD Equipment	Volume 4 - 141
112	04	06	5510	Directed Energy Systems	Volume 4 - 155
113	04	06	5543	Items Less Than $5 Million	Volume 4 - 159
114	04	07	5530	Anti-ship Missile Decoy System	Volume 4 - 163
115	04	07	5661	Submarine Training Device Mods	Volume 4 - 171
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120	05	01	6024	Construction & Maint Equip	Volume 5 - 21
121	05	01	6027	Fire Fighting Equipment	Volume 5 - 47
122	05	01	6028	Tactical Vehicles	Volume 5 - 55
123	05	01	6033	Amphibious Equipment	Volume 5 - 63
124	05	01	6058	Pollution Control Equipment	Volume 5 - 71
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126	05	01	6075	Physical Security Vehicles	Volume 5 - 117

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128	06	01	7066	First Destination Transportation	Volume 5 - 139

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
129	06	01	7069	Special Purpose Supply Systems	Volume 5 - 143

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131	07	01	8101	Training and Education Equipment	Volume 5 - 153
132	07	02	8106	Command Support Equipment	Volume 5 - 195
133	07	02	8109	Medical Support Equipment	Volume 5 - 215
135	07	02	8114	Naval MIP Support Equipment	Volume 5 - 223
136	07	02	8118	Operating Forces Support Equipment	Volume 5 - 233
137	07	02	8120	C4ISR Equipment	Volume 5 - 239
138	07	02	8126	Environmental Support Equipment	Volume 5 - 251
139	07	02	8128	Physical Security Equipment	Volume 5 - 273
140	07	02	8161	Enterprise Information Technology	Volume 5 - 297
142	07	05	8164	Next Generation Enterprise Service	Volume 5 - 309
143	07	05	8645	Cyberspace Activities	Volume 5 - 315

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ASW Support Equipment	5429	110	04	05	Volume 4 - 127
Adv Tact Data Link Sys (ATDLS)	2614	51	02	07	Volume 2 - 315
Advanced Arresting Gear (AAG)	4217	97	03	03	Volume 3 - 77
Afloat ATC Equipment	2830	57	02	09	Volume 2 - 445
Airborne MCM	4248	100	03	03	Volume 3 - 127
Aircraft Support Equipment	4213	96	03	03	Volume 3 - 45
American Forces Radio and TV Service (AFRTS)	2666	55	02	07	Volume 2 - 357
Amphibious Equipment	6033	123	05	01	Volume 5 - 63
Anti-ship Missile Decoy System	5530	114	04	07	Volume 4 - 163
Ashore ATC Equipment	2820	56	02	09	Volume 2 - 363
Aviation Support Equipment	4268	101	03	03	Volume 3 - 135
Battle Force Tactical Network	2437	72	02	11	Volume 2 - 667
C4ISR Equipment	8120	137	07	02	Volume 5 - 239
CANES	2915	64	02	10	Volume 2 - 565
CANES Intell	2925	66	02	10	Volume 2 - 591

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Chemical Warfare Detectors	0989	23	01	09	Volume 1 - 459
Coast Guard Equipment	3620	91	02	17	Volume 2 - 837
Command Support Equipment	8106	132	07	02	Volume 5 - 195
Command and Control Switchboard	0925	7	01	09	Volume 1 - 219
Communications Items under $5M	3057	75	02	11	Volume 2 - 719
Construction & Maint Equip	6024	120	05	01	Volume 5 - 21
Cooperative Engagement Capability	2606	49	02	07	Volume 2 - 273
Cryptologic Communications Equip	3501	84	02	16	Volume 2 - 823
Cyberspace Activities	8645	143	07	05	Volume 5 - 315
DDG 1000 Class Support Equipment	0947	16	01	09	Volume 1 - 387
DDG Mod	0900	5	01	09	Volume 1 - 129
Deep Subm Sys Proj (DSSP) Equip	0955	18	01	09	Volume 1 - 415
Directed Energy Systems	5510	112	04	06	Volume 4 - 155
Diving and Salvage Equipment	1130	26	01	11	Volume 1 - 495
EMI Control Instrumentation	2970	70	02	10	Volume 2 - 625
EOD Equipment	5509	111	04	06	Volume 4 - 141
Electromagnetic Aircraft Launch System (EMALS)	4219	98	03	03	Volume 3 - 99
Enterprise Information Technology	8161	140	07	02	Volume 5 - 297
Environmental Support Equipment	8126	138	07	02	Volume 5 - 251

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Fire Fighting Equipment	6027	121	05	01	Volume 5 - 47
Firefighting Equipment	0910	6	01	09	Volume 1 - 201
First Destination Transportation	7066	128	06	01	Volume 5 - 139
Fixed Surveillance System	2225	44	02	03	Volume 2 - 139
Gen Purp Elec Test Equip (GPETE)	2940	67	02	10	Volume 2 - 603
General Purpose Trucks	6007	118	05	01	Volume 5 - 9
HARPOON Support Equipment	5227	104	04	03	Volume 4 - 7
ID Systems	2851	58	02	09	Volume 2 - 471
In-Service Radars and Sensors	2981	71	02	10	Volume 2 - 629
Info Systems Security Program (ISSP)	3415	82	02	15	Volume 2 - 779
Integ Combat System Test Facility	2960	69	02	10	Volume 2 - 621
Intelligence Surveillance and Reconnaissance (ISR)	2914	63	02	10	Volume 2 - 551
Items Less Than $5 Million	5543	113	04	06	Volume 4 - 159
Items less than $5 Million	0981	22	01	09	Volume 1 - 445
Items less than $5 Million	6060	125	05	01	Volume 5 - 75
Joint Communications Support Element (JCSE)	3302	81	02	14	Volume 2 - 775
Joint Precision Approach and Landing System(JPALS)	2867	59	02	09	Volume 2 - 509
LCAC	0970	20	01	09	Volume 1 - 423
LCC 19/20 Extended Service Life Program	0934	9	01	09	Volume 1 - 279

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LCS Common Mission Modules Equipment	1600	30	01	15	Volume 1 - 563
LCS In-Service Modernization	1604	33	01	15	Volume 1 - 597
LCS MCM Mission Modules	1601	31	01	15	Volume 1 - 577
LCS SUW Mission Modules	1603	32	01	15	Volume 1 - 591
LHA/LHD Midlife	0933	8	01	09	Volume 1 - 225
LPD Class Support Equipment	0946	15	01	09	Volume 1 - 349
LSD Midlife & Modernization	1610	37	01	16	Volume 1 - 653
Large UUV	1612	35	01	15	Volume 1 - 641
MIO Intel Exploitation Team	3417	83	02	15	Volume 2 - 819
Maritime Battlespace Awareness	2361	48	02	05	Volume 2 - 267
Maritime Integrated Broadcast System	2900	61	02	10	Volume 2 - 533
Medical Support Equipment	8109	133	07	02	Volume 5 - 215
Medium Unmanned Surface Vehicle (MUSVs)	0954	27	01	12	Volume 1 - 519
Meteorological Equipment	4226	99	03	03	Volume 3 - 119
Minesweeping System Replacement	2622	53	02	07	Volume 2 - 339
Minotaur	3640	94	03	03	Volume 3 - 31
Mobile Advanced EHF Terminal (MAT)	3222	80	02	13	Volume 2 - 769
NAVSTAR GPS Receivers (Space)	2657	54	02	07	Volume 2 - 343
Naval MIP Support Equipment	8114	135	07	02	Volume 5 - 223

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Naval Mission Planning Systems	2876	60	02	09	Volume 2 - 515
Naval Tact Cmd Supt Sys (NTCSS)	2611	50	02	07	Volume 2 - 291
Navy Command and Control System (NCCS)	2618	52	02	07	Volume 2 - 331
Navy Multiband Terminal (NMT)	3216	79	02	13	Volume 2 - 751
Network Tactical Common Data Link (CDL)	2950	68	02	10	Volume 2 - 613
Next Generation Enterprise Service	8164	142	07	05	Volume 5 - 309
Operating Forces IPE	1445	29	01	14	Volume 1 - 545
Operating Forces Support Equipment	8118	136	07	02	Volume 5 - 233
Other Navigation Equipment	0670	3	01	06	Volume 1 - 25
Passenger Carrying Vehicles	6003	117	05	01	Volume 5 - 1
Physical Security Equipment	8128	139	07	02	Volume 5 - 273
Physical Security Vehicles	6075	126	05	01	Volume 5 - 117
Pollution Control Equipment	0935	10	01	09	Volume 1 - 287
Pollution Control Equipment	6058	124	05	01	Volume 5 - 71
RADIAC	2920	65	02	10	Volume 2 - 579
Reactor Components	1020	25	01	10	Volume 1 - 491
SPQ-9B Radar	2026	38	02	02	Volume 2 - 1
SSN Acoustic Equipment	2150	40	02	02	Volume 2 - 47
SSN Combat Control Systems	5420	109	04	05	Volume 4 - 99
SURTASS	2237	45	02	03	Volume 2 - 143

Line Item Title	Line Item Number	Line #	BA	BSA	Page
Satellite Communications Systems	3215	78	02	13	Volume 2 - 733
Ship Communications Automation	3050	74	02	11	Volume 2 - 689
Ship Gun Systems Equipment	5111	103	04	02	Volume 4 - 1
Ship Maintenance, Repair and Modernization	1000	24	01	10	Volume 1 - 471
Ship Missile Support Equipment	5231	105	04	03	Volume 4 - 11
Shipboard IW Exploit	2360	47	02	05	Volume 2 - 217
Shipboard Tactical Comms	3010	73	02	11	Volume 2 - 671
Small & Medium UUV	1611	34	01	15	Volume 1 - 625
Small Unmanned Surface Vehicles	0956	19	01	09	Volume 1 - 419
Sonobuoys - All Types	4048	93	03	01	Volume 3 - 1
Spares and Repair Parts	9020	144	08	01	Volume 5 - 323
Special Purpose Supply Systems	7069	129	06	01	Volume 5 - 143
Standard Boats	1210	28	01	12	Volume 1 - 527
Strategic Missile Systems Equip	5358	108	04	04	Volume 4 - 79
Strategic Platform Support Equip	0950	17	01	09	Volume 1 - 407
Sub Periscope, Imaging and Supt Equip Prog	0840	4	01	09	Volume 1 - 89
Submarine Acoustic Warfare System	2210	42	02	03	Volume 2 - 97
Submarine Batteries	0945	14	01	09	Volume 1 - 341
Submarine Broadcast Support	3107	76	02	12	Volume 2 - 725
Submarine Communication Equipment	3130	77	02	12	Volume 2 - 729

Line Item Title	Line Item Number	Line #	BA	BSA	Page
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Submarine Training Device Mods	5661	115	04	07	Volume 4 - 171
Supply Equipment	7025	127	06	01	Volume 5 - 121
Surface Combatant HM&E	0200	2	01	02	Volume 1 - 17
Surface Power Equipment	0131	1	01	01	Volume 1 - 1
Surface Ship Torpedo Def (SSTD)	2213	43	02	03	Volume 2 - 129
Surface Training Equipment	5664	116	04	07	Volume 4 - 185
Tactical Vehicles	6028	122	05	01	Volume 5 - 55
Tactical/Mobile C4I Systems	2906	62	02	10	Volume 2 - 537
Tomahawk Support Equipment	5253	106	04	03	Volume 4 - 65
Training Support Equipment	8081	130	07	01	Volume 5 - 147
Training and Education Equipment	8101	131	07	01	Volume 5 - 153
UMCS-Unman Carrier Aviation(UCA)Mission Cntrl Stn	4269	102	03	03	Volume 3 - 161
Undersea Warfare Support Equipment	2176	41	02	02	Volume 2 - 89
Underwater EOD Equipment	0977	21	01	09	Volume 1 - 427
Virginia Class Support Equipment	0942	12	01	09	Volume 1 - 327
Weapons Range Support Equipment	4204	95	03	03	Volume 3 - 35

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1	01	01	0131	Surface Power Equipment	Volume 1 - 1
2	01	02	0200	Surface Combatant HM&E	Volume 1 - 17
3	01	06	0670	Other Navigation Equipment	Volume 1 - 25
4	01	09	0840	Sub Periscope, Imaging and Supt Equip Prog	Volume 1 - 89
5	01	09	0900	DDG Mod	Volume 1 - 129
6	01	09	0910	Firefighting Equipment	Volume 1 - 201
7	01	09	0925	Command and Control Switchboard	Volume 1 - 219
8	01	09	0933	LHA/LHD Midlife	Volume 1 - 225
9	01	09	0934	LCC 19/20 Extended Service Life Program	Volume 1 - 279
10	01	09	0935	Pollution Control Equipment	Volume 1 - 287
11	01	09	0941	Submarine Support Equipment	Volume 1 - 309
12	01	09	0942	Virginia Class Support Equipment	Volume 1 - 327
13	01	09	0944	LCS Class Support Equipment	Volume 1 - 335
14	01	09	0945	Submarine Batteries	Volume 1 - 341
15	01	09	0946	LPD Class Support Equipment	Volume 1 - 349
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Line #	BA	BSA	Line Item Number	Line Item Title	Page
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18	01	09	0955	Deep Subm Sys Proj (DSSP) Equip	Volume 1 - 415
19	01	09	0956	Small Unmanned Surface Vehicles	Volume 1 - 419
20	01	09	0970	LCAC	Volume 1 - 423
21	01	09	0977	Underwater EOD Equipment	Volume 1 - 427
22	01	09	0981	Items less than $5 Million	Volume 1 - 445
23	01	09	0989	Chemical Warfare Detectors	Volume 1 - 459
24	01	10	1000	Ship Maintenance, Repair and Modernization	Volume 1 - 471
25	01	10	1020	Reactor Components	Volume 1 - 491
26	01	11	1130	Diving and Salvage Equipment	Volume 1 - 495
27	01	12	0954	Medium Unmanned Surface Vehicle (MUSVs)	Volume 1 - 519
28	01	12	1210	Standard Boats	Volume 1 - 527
29	01	14	1445	Operating Forces IPE	Volume 1 - 545
30	01	15	1600	LCS Common Mission Modules Equipment	Volume 1 - 563
31	01	15	1601	LCS MCM Mission Modules	Volume 1 - 577
32	01	15	1603	LCS SUW Mission Modules	Volume 1 - 591
33	01	15	1604	LCS In-Service Modernization	Volume 1 - 597
34	01	15	1611	Small & Medium UUV	Volume 1 - 625

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Line #	BA	BSA	Line Item Number	Line Item Title	Page
35	01	15	1612	Large UUV	Volume 1 - 641
36	01	15	1613	Extra Large UUV	Volume 1 - 647
37	01	16	1610	LSD Midlife & Modernization	Volume 1 - 653

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Line Item Title	Line Item Number	Line #	BA	BSA	Page
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Command and Control Switchboard	0925	7	01	09	Volume 1 - 219
DDG 1000 Class Support Equipment	0947	16	01	09	Volume 1 - 387
DDG Mod	0900	5	01	09	Volume 1 - 129
Deep Subm Sys Proj (DSSP) Equip	0955	18	01	09	Volume 1 - 415
Diving and Salvage Equipment	1130	26	01	11	Volume 1 - 495
Extra Large UUV	1613	36	01	15	Volume 1 - 647
Firefighting Equipment	0910	6	01	09	Volume 1 - 201
Items less than $5 Million	0981	22	01	09	Volume 1 - 445
LCAC	0970	20	01	09	Volume 1 - 423
LCC 19/20 Extended Service Life Program	0934	9	01	09	Volume 1 - 279
LCS Class Support Equipment	0944	13	01	09	Volume 1 - 335
LCS Common Mission Modules Equipment	1600	30	01	15	Volume 1 - 563
LCS In-Service Modernization	1604	33	01	15	Volume 1 - 597
LCS MCM Mission Modules	1601	31	01	15	Volume 1 - 577
LCS SUW Mission Modules	1603	32	01	15	Volume 1 - 591
LHA/LHD Midlife	0933	8	01	09	Volume 1 - 225

Line Item Title	Line Item Number	Line #	BA	BSA	Page
LPD Class Support Equipment	0946	15	01	09	Volume 1 - 349
LSD Midlife & Modernization	1610	37	01	16	Volume 1 - 653
Large UUV	1612	35	01	15	Volume 1 - 641
Medium Unmanned Surface Vehicle (MUSVs)	0954	27	01	12	Volume 1 - 519
Operating Forces IPE	1445	29	01	14	Volume 1 - 545
Other Navigation Equipment	0670	3	01	06	Volume 1 - 25
Pollution Control Equipment	0935	10	01	09	Volume 1 - 287
Reactor Components	1020	25	01	10	Volume 1 - 491
Ship Maintenance, Repair and Modernization	1000	24	01	10	Volume 1 - 471
Small & Medium UUV	1611	34	01	15	Volume 1 - 625
Small Unmanned Surface Vehicles	0956	19	01	09	Volume 1 - 419
Standard Boats	1210	28	01	12	Volume 1 - 527
Strategic Platform Support Equip	0950	17	01	09	Volume 1 - 407
Sub Periscope, Imaging and Supt Equip Prog	0840	4	01	09	Volume 1 - 89
Submarine Batteries	0945	14	01	09	Volume 1 - 341
Submarine Support Equipment	0941	11	01	09	Volume 1 - 309
Surface Combatant HM&E	0200	2	01	02	Volume 1 - 17
Surface Power Equipment	0131	1	01	01	Volume 1 - 1
Underwater EOD Equipment	0977	21	01	09	Volume 1 - 427
Virginia Class Support Equipment	0942	12	01	09	Volume 1 - 327

Executive Summary for Other Procurement, Navy

Table 1: Funding Overview			
	FY 2025 ($K)	FY 2026 ($K)	FY 2027 ($K)
Discretionary	15,817,464	14,693,978	18,866,679
Mandatory	31,650	5,802,107	50,000
Total	**15,849,114**	**20,496,085**	**18,916,679**

Table 2: Detailed Mandatory Breakout				
BLI	Reconciliation Bin Title	FY 2025 ($K)	FY 2026 ($K)	FY 2027 ($K)
0933	Readiness	$ -	$ 65,400	$ -
0946	Readiness	$ -	$ 29,000	$ -
0954	Shipbuilding	$ -	$ 1,950,714	$ -
0954	Maritime Superiority	$ -	$ -	$ 50,000
0956	Shipbuilding	$ -	$ 694,020	$ -
0970	Shipbuilding	$ -	$ 20,148	$ -
0970	Readiness	$ -	$ 173	$ -
0981	Readiness	$ -	$ 7,400	$ -
1210	INDOPACOM Capabilities	$ -	$ 5,100	$ -
1445	INDOPACOM Capabilities	$ -	$ 117,600	$ -
1445	Readiness	$ -	$ 273,000	$ -
1611	Shipbuilding	$ -	$ 345,086	$ -
1613	Shipbuilding	$ -	$ 3,313	$ -
2225	INDOPACOM Capabilities	$ -	$ 143,000	$ -
3050	Low-Cost Weapons	$ 23,775	$ -	$ -
3415	Low-Cost Weapons	$ 7,875	$ -	$ -
4048	Munitions and Supply Chain	$ -	$ 80,000	$ -
5358	Nuclear	$ -	$ 9,180	$ -
5664	Readiness	$ -	$ 8,200	$ -
6007	INDOPACOM Capabilities	$ -	$ 200	$ -
7025	Shipbuilding	$ -	$ 40,800	$ -
8114	INDOPACOM Capabilities	$ -	$ 21,946	$ -
9020	Readiness	$ -	$ 1,987,827	$ -
Mandatory Total		**$ 31,650**	**$ 5,802,107**	**$ 50,000**

MANDATORY FUNDING JUSTIFICATION:

The FY 2027 request for Other Procurement, Navy includes $18,866,679 thousand of discretionary and $50,000 thousand of mandatory for a total of $18,916,679 thousand.

The mandatory funds support:

Medium Uncrewed Surface Vessels (MUSV): The Navy's FY 2027 mandatory budget request includes $50 million for the procurement of one vessel.

The FY 2026 spend plan for Other Procurement, Navy includes $14,693,978 thousand of discretionary and $5,802,107 thousand of mandatory for a total of $20,496,085 thousand.

The FY 2025 spend plan for Other Procurement, Navy includes $15,817,464 thousand of discretionary and $31,650 thousand of mandatory for a total of $15,849,114 thousand.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 1: Ship Propulsion Equipment	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	200.968	20.840	9.978	22.668	0.000	22.668	15.930	15.226	15.528	15.834	13.850	330.822
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	200.968	20.840	9.978	22.668	0.000	22.668	15.930	15.226	15.528	15.834	13.850	330.822
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**200.968**	**20.840**	**9.978**	**22.668**	**0.000**	**22.668**	**15.930**	**15.226**	**15.528**	**15.834**	**13.850**	**330.822**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Surface Power Equipment budget line provides life-cycle support for the following Marine Gas Turbine systems:

The General Electric LM2500 Marine Gas Turbine provides main propulsion for the Navy's surface combatants including the CG 47 TICONDEROGA Class, DDG 51 ARLEIGH BURKE Class, and LCS-2 (Austal) Class. The LM2500 is composed of two major sub-assemblies: the gas generator and power turbine sections. It is coupled to the ship drive-train by a high speed coupling shaft. The LM2500+ Marine Gas Turbine and its associated Engineering Control Systems provide main propulsion power for the Navy's amphibious assault ships including the LHD-8 USS MAKIN ISLAND, LHA-6 USS AMERICA and LHA-7 USS TRIPOLI. The LM2500+ is composed of two major sub-assemblies: the gas generator and power turbine sections. It is coupled to the ship drive-train by a high speed coupling shaft. The control system for both engines provides for both local and remote engine operations.

The Rolls Royce (Allison) 501-K Series Gas Turbines are used to drive electrical generators in Ship Service Gas Turbine Generators (SSGTG). The 501-K17 is used on the CG-47 Class ships. The 501-K34 is an upgraded version used on the DDG-51 Class ships and is not interchangeable with the 501-K17. The MT5S is a higher-power derivative of the 501-K engine family (utilizing Rolls Royce's new "Marine Trent" or "MT" naming convention vice the older "501-K" naming convention) used for auxiliary electrical generation on DDG-1000 class ships; the MT5S is not interchangeable with the 501-K17 or 501-K34. The MT5S is used within the RR4500 auxiliary turbine generator (ATG) aboard DDG-1000 Class ships. The MT5S-HE+ is used within the AG9160RF SSGTG aboard DDG-51 Flight III ships. Based on the MT5S design, the MT5S-HE+ includes several material changes designed to improve fuel efficiency and increase AG9160RF electrical power output when compared to the RR4500. The Rolls Royce MT-30 is used on LCS-1 (Lockheed) Class for main propulsion and DDG 1000 for electrical generation. Rolls Royce 250-KS4 is used as a starter gas turbine for the 501-K34 on DDG 79 and follow. The Rolls Royce MT7 gas turbine is used for both lift and propulsion fan power on the next generation of LCAC landing craft.

Digital Fuel Control (DFC) procurement quantities are based upon the DDG modernization schedule and quantities are procured one year in advance of the scheduled availabilities due to long material lead times.

The Surface Power Equipment budget line may also be used to procure spare waterborne shafting (propeller shafts and stern tube shafts) and controllable pitch propeller (CPP) system end items such as propeller blades, hubs and oil distribution (OD) boxes used on DDG 51 class ships.

[P40A / PE009 GE Readiness Improvement Upgrade Kits]: PE009 - MODIFICATION KIT PROGRAM: This cost element procures modification kits listed below for the GE Gas Turbine Engine. These modifications increase reliability and fleet readiness through component upgrades which improves the Mean Time Between Failure (MTBF). The modification kits are procured based on historical usage rates, re-

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 1: Ship Propulsion Equipment	P-1 Line Item Number / Title: 0131 / Surface Power Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

packaged into individual kits, and sent to either a depot to be installed during engine overhauls or to Regional Maintenance Centers for installation. Procurement quantities are not shown because these funds are used to procure a variety of modification kits, with specific kit quantities and prices varying from one year to the next. The kits included in the cost code are as follows:
--Accelerometers (Vibration Monitor)
-- Compressor Rear Frame Mid-flange Fastener installation
-- C-Sump Lubrication Supply Line
-- Power Turbine Upgraded Speed Sensor
-- Improved Drain Shutoff Valve
-- Turbine Mid-Frame Modification
-- 7B Piping Modification
-- 5-Element to 6-Element Pump Conversion
-- T5.4 Flexible Thermo Harness
-- Mid Flange Fastener

[P40A / PE010 Stock Rotating Spares]: PE010 - GAS GENERATOR: This cost element procures the LM2500 and LM2500+ single shank propulsion gas turbines to support surface combatant and amphibious assault class surface ships. The programs projected in-service population of single shank propulsion gas turbine engines is estimated to be 382 due to new construction. Breakdown of ship class spare procurement is listed below. The procurement of these engines includes all required shipping/storage containers.

DDG LM2500 Single Shank
Based on experience with 35 years of usage demand data on the LM2500 Engine and IAW 10 USC Sec. 2308, DFAR subpart 207.70 and DoDI 3110.06, a total of 36 spares are required to support the fleet requirements.

LCS 2 LM2500 Single Shank.
Based on experience with 35 years of usage demand data on the LM2500 Engine and IAW 10 USC Sec. 2308, DFAR subpart 207.70 and DoDI 3110.06, a total of 3 spares are required to support the fleet requirements. As of FY21 no requirement to procure LM2500 Single Shanks.

LHD8/LHA6/LHA7 LM2500+ Single Shank Gas Generator Assembly (SST GGA) and Power Turbine Assembly (PTA)
Based on experience with 35 years of usage demand data on the LM2500 Engine and IAW 10 USC Sec. 2308, DFAR subpart 207.70 and DoDI 3110.06, a total of 2 spares are required to support the fleet requirements. Based on sparing requirement procurement of 2 additional LM2500+ engines are required. Total of 4 engines are required.

LM2500 Hot Section Kits
Are procured as required from the below list per quarterly failure analysis and maintained to replace High Pressure Turbine (HPT) components beyond repairable limits. Shortages of replacement blades increase engine repair turn-around time (RTAT) during engine refurbishment/repair as a result of material shortages.

Procurement quantities are a result of procuring various kits of various costs. The kits included in the cost code are as follows:
--HPT Shrouds
--HPT Seal Assembly
--HPT Blades
--HPT Nozzles
--Compressor Blades

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 1: Ship Propulsion Equipment	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / PE014 Special Support Equipage]: PE014 Special Support Equipage - This cost element procures Special Support Equipment for all marine gas turbines to support gas turbine change outs and to allow for increased I-level (intermediate level) repair capability, thereby reducing the number of engine change outs required and stabilizing or reducing the cost to overhaul engines at the depot. No installation cost is associated with this cost element.

[P40A / PE015 LM2500 DIGITAL FUEL CONTROL]: PE015 - LM2500 DIGITAL FUEL CONTROL (DFC)- This cost element procures the Digital Fuel Control (DFC) shipsets, ancillary equipment and install material to support the CG/DDG modernization schedules. Procurement and installations are budgeted to correspond with CNO ship availabilities. One DFC kit is required to update each of the four LM2500 engines, which makes one DFC shipset. The DFC upgrade is a mandatory portion of DDG-51 modernizations; the modernized machinery control system (MCS) is incapable of interfacing with LM2500 engines not equipped with DFC. The DFC is the most significant change to the LM2500 engine since its inception into the USN that addresses obsolete components which accounted for approximately 40% of all engine failures. In summary, this modification is estimated to be 75% more reliable than the old system. This upgrade also replaces the Hydro-mechanical main fuel control (MFC) system, which was designed for aircraft, with a DFC system designed for a military marine environment. This modification increases engine reliability, decreases periodic maintenance, enhances operational functions, and provides an automatic stall detection and shutdown capability.

PE6IN - INSTALLATION FOR DIGITAL FUEL CONTROL (DFC)- This cost element funds the installation of Cost element PE015, LM2500 Digital Fuel Control (DFC) shipsets, as part of the CG/DDG HM&E modernization program. This includes pre-assembly at NSWCPD (Philadelphia), shipping to installation location, shipboard installation, training, post installation operational testing and associated travel cost.

[P40A - 2 / PE001 STOCK ROTATING SPARES]: PE001 - STOCK ROTATING SPARES
This cost element procures the MT-30 for DDG1000 Zumwalt Class and Littoral Combat Ship (LCS) Independence Variant, MT-5 series gas turbines for the DDG 1000 Zumwalt Class and DDG-51 Flight III program, the 250-KS4 SSGTG starter engines for the DDG 79 and follow, and the 501-K34 gas turbines DDG 51 class ships. The procurement of these engines includes all required shipping/storage containers and necessary hardware to allow for installation of the MT30 gas turbine into DDG1000 or LCS5AF hull types.

MT-30 Gas Turbines
Based on experience with similar turbines and IAW 10 USC Sec. 2308, DFAR subpart 207.70 and DoDI 3110.06, a total of 6 spares are required to support the fleet.

MT-5 Gas Turbines
Based on experience with similar turbines and IAW 10 USC Sec. 2308, DFAR subpart 207.70 and DoDI 3110.06, a total of 4 MT-5 spares are required to support the fleet. The in-service population of MT-5S gas turbine engines is six (6) due to new construction of DDG1000 and thirty (30) of the higher efficiency MT5S-HE+ units for DDG-51 Flight III.

250-KS4 SSGTG Starter Engines
Based on experience with similar turbines and IAW 10 USC Sec. 2308, DFAR subpart 207.70 and DoDI 3110.06, a total of 12 spares are required to support the fleet requirements. Current spares on-hand is twelve (12) which achieves the baseline sparing requirement. The projected FY-19 in-service population of starter engines is 103 due to new construction, but would be 169 if Flight IIA and Flight III were included. Operation Tomodachi has resulted in the radiological contamination of twelve (12) 250-KS4 Marine Gas Turbines, which created an unplanned requirement to replace the twelve (12) affected engines beginning in FY13. Completion of procurement of 12 replacement engines in FY23.

501-K34 Gas Turbines
Based on experience with similar turbines and IAW 10 USC Sec. 2308, DFAR subpart 207.70 and DoDI 3110.06, a total of 26 spares are required to support the fleet requirements.

[P40A - 2 / PE007 MODIFICATION PROGRAM]: PE007 - MODIFICATION PROGRAM
This cost element procures modification kits listed below for the Rolls Royce Marine Gas Turbines (MGT). Analysis of Rolls Royce MGT engineering performance data, metrics, the SEA 21 Top Tech Issues and the component improvement program has identified necessary improvements to correct Rolls Royce MGT deficiencies. The modifications addresses the Fleet's top maintenance and reliability issues by reducing failure rates of system components, and improve Rolls Royce MGT readiness.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 1: Ship Propulsion Equipment	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

The modification kits are packaged and shipped to the ship for installation during schedule CNO availability by a team of NSWCPD (Philadelphia) and Alteration Installation Team (AIT) personnel. Procurement quantities are not shown because these funds are used to procure a variety of modification kits, with specific kit quantities and prices varying from one year to the next. The kits included in the cost code are as follows:

--FADC upgrade conversion
--MT30 variant conversion kits

[P40A - 3 / PE830 PRODUCTION ENGINEERING]: PE830 PRODUCTION ENGINEERING The review and approval of any production contract technical documentation, or the separate development of this documentation to include:
- Technical Manuals
- Signal Flow Diagrams
- PMS
- Level III Production Drawings
- Provisioning Technical Documentation (PTD)
- Program Support Data
- Allowance Parts Lists (APL's)
- Engineering in support of final design reviews.

This includes efforts associated with tracking and updating Navy Data Environment (NDE), Marine Gas Turbine Information System (MGTIS) and Weblog to reflect completed installations and ensure consistent documentation for engine configuration management.

[P40A - 4 / PE110 Propellers and Shafts]: PE110- VARIOUS PROPELLERS AND SHAFTS - This funding procures controllable pitch propeller (CPP) system end items such as propeller blades, hubs and oil distribution (OD) boxes used on DDG 51, LHD 8 and following (AF), LPD, LHA 6 AF, LSD 41, and DDG1000 class ships. These spares are required to DDG 51, LHD 8 and following (AF), LPD, LHA 6 AF, LSD 41, and DDG1000 Fleet demand due to scheduled replacement caused by lifecycle wear and unscheduled replacements caused by Casualty Reports (CASREPs). The component has long repair turn-around times (1-2 years) and thus cannot be repaired and reused during the same availability. The technical requirements and drydocking constraints drives the program to establish a rotatable pool to support replacements. The growing size of the fleet and insufficiency of the current number of DDG 51, LHD 8 and following (AF), LPD, LHA 6 AF, LSD 41, and DDG1000 spares to meet upcoming change-out demand per CNO availability schedules is driving the requirement to increase the number of spares to support a rotatable pool and ensure readiness. A malfunctioning propeller or shaft may result in excessive vibration, which could lead to damage of ship structures and equipment (bearings, main reduction gears, and bulkhead seal), increase of ship cavitation/noise, loss of speed or loss of motion.

[P40A - 5 / PE130 - Steam Propulsion Items]: PE130 - STEAM PROPULSION ITEMS - This provides for several initiatives oriented to upgrading boiler efficiency and safety with downstream maintenance effectiveness. In particular, the items procured include: Upgraded Stack Gas Analyzer (SGA) , Optimization Trim Loop Material including fuel oil meters, stack gas temperature sensors, electronic automatic boiler controls interface software/schema to improve steam plant efficiency, Upgraded electronic automatic boiler control (E-ABC) system process controllers/smart transmitters, Upgraded Boiler Water/Feedwater (BW/FW) Chemistry Analysis/Carbohydrazide Implementation Equipment., Upgraded SSTG Protective Devices (Overspeed Trips), and Upgrades to Boiler Igniter System (BIS) (Fuel Valve and Insert/Retract Air Actuators). The Steam Propulsion Improvement Program provides safe and reliable power for ship movement through the water, and, in addition, provides power to ships combat and habitability systems, whether electrical or steam dependent. At any given time, due to propulsion plant casualties, ship propulsion systems may be operating at reduced capability, adversely affecting the ship's mission(s). The Steam Propulsion improvement program encompasses steam and diesel propulsion surface ships in the Fleet, and provides for material upgrades to propulsion systems resulting in increased readiness, safety and reliability. Items can be installed during a scheduled or unscheduled availability by a shipyard, tender/Intermediate Maintenance Activity or Alteration Installation Team (AIT).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 1: Ship Propulsion Equipment	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	General Electric Gas Turbine				- / 18.583	- / 0.463	- / 0.658	- / 4.559	- / -	- / 4.559
P-40a	Rolls Royce Gas Turbine	P-5a			- / 99.452	- / 10.268	- / 7.167	- / 15.232	- / -	- / 15.232
P-40a	PE830 PRODUCTION ENGINEERING				- / 2.444	- / 0.360	- / 0.360	- / 0.378	- / -	- / 0.378
P-40a	PE110 Propellers and Shafts				- / 25.168	- / 9.497	- / 1.537	- / 2.237	- / -	- / 2.237
P-40a	PE130 - Steam Propulsion Items				- / 2.344	- / 0.252	- / 0.256	- / 0.262	- / -	- / 0.262
P-3a	1 / PE015 - LM2500 GAS TURBINE DIGITAL FUEL CONTROL (TBD)				- / 52.977	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-40	**Total Gross/Weapon System Cost**				**- / 200.968**	**- / 20.840**	**- / 9.978**	**- / 22.668**	**- / 0.000**	**- / 22.668**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	General Electric Gas Turbine				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Rolls Royce Gas Turbine	P-5a			- / -	- / -	- / -	- / -	- / -	- / -
P-40a	PE830 PRODUCTION ENGINEERING				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	PE110 Propellers and Shafts				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	PE130 - Steam Propulsion Items				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / PE015 - LM2500 GAS TURBINE DIGITAL FUEL CONTROL (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 52.977
P-40	**Total Gross/Weapon System Cost**				**- / 15.930**	**- / 15.226**	**- / 15.528**	**- / 15.834**	**- / 13.850**	**- / 330.822**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The increase in FY 2027 funding is due to the changes to the Full Authority Digital Control (FADC) procurement and installation schedule. FY 2027 funding of $22.668M is required to support procurement of DDG51 Gas Turbine Generator Engine Controller procurements and installations, procurement of non-nuclear surface ship controllable pitch propeller assets, and lesser cost gas turbine parts for depot overhaul kits. Procurements are scheduled to ensure on time delivery of assets for dry dock availabilities, combat obsolescence of specific parts, and maintain up to date configuration of all engines going through overhauls

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 1	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	**Aggregated Items Title:** General Electric Gas Turbine

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) PE009 GE Readiness Improvement Upgrade Kits																				
1.1) MODIFICATION KIT PROGRAM [1]	A		-	-	2.826	-	-	0.463	-	-	0.658	-	-	0.389	-	-	-	-	-	0.389
Subtotal: 1) PE009 GE Readiness Improvement Upgrade Kits			**-**	**-**	***2.826***	**-**	**-**	***0.463***	**-**	**-**	***0.658***	**-**	**-**	***0.389***	**-**	**-**	**-**	**-**	**-**	***0.389***
2) PE010 Stock Rotating Spares																				
2.1) LHD/LHA6 LM2500+ [2]	A		6,316K	2	12.632	-	-	-	-	-	-	-	-	4.170	-	-	-	-	-	4.170
Subtotal: 2) PE010 Stock Rotating Spares			**-**	**-**	***12.632***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***4.170***	**-**	**-**	**-**	**-**	**-**	***4.170***
3) PE014 Special Support Equipage																				
3.1) Special Support Equipage	A		-	-	2.189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) PE014 Special Support Equipage			**-**	**-**	***2.189***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) PE015 LM2500 DIGITAL FUEL CONTROL																				
4.1) ANCILLARY EQUIPMENT/ INSTALLATION MATERIALS	A		-	-	0.936	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) PE015 LM2500 DIGITAL FUEL CONTROL			**-**	**-**	***0.936***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**18.583**	**-**	**-**	**0.463**	**-**	**-**	**0.658**	**-**	**-**	**4.559**	**-**	**-**	**-**	**-**	**-**	**4.559**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

[1] PE009- procures multiple different upgrade modification kits to be installed during overhaul for LM2500s. This can vary from year to year and funds requirement is based on kit needs and overhaul inductions. The FY 2027 cost decrease due to the install schedule.

[2] The increase in FY 2027 supports Marine gas turbine procurements to support rotable pools. These spare procurement needs can fluctuate based on failure rates seen in the fleet, repair turnaround time, and available budget therefore the procurements are not steady state year to year.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 1	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	**Aggregated Items Title:** Rolls Royce Gas Turbine

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) PE001 STOCK ROTATING SPARES																				
1.1) 501-K34	A		2,727K	4	10.909	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) 250-KS4(†)	A		553,000.00	7	3.871	714,000.00	1	0.714	-	-	-	-	-	-	-	-	-	-	-	-
1.3) MT-30(†)	A		20,234K	3	60.701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) MT-5S(†)	A		4,257K	3	12.770	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) MT5S-HE+ (3)	A		-	-	-	4,708K	1	4.708	-	-	-	4,514K	2	9.029	-	-	-	4,514K	2	9.029
Subtotal: 1) PE001 STOCK ROTATING SPARES			**-**	**-**	***88.251***	**-**	**-**	***5.422***	**-**	**-**	**-**	**-**	**-**	***9.029***	**-**	**-**	**-**	**-**	**-**	***9.029***
2) PE007 MODIFICATION PROGRAM																				
2.1) PROCURE MODIFICATION KITS (4)	A		-	-	8.583	-	-	4.386	-	-	6.538	-	-	5.503	-	-	-	-	-	5.503
2.2) INSTALLATION FOR MODIFICATION KITS (5)	A		-	-	2.618	-	-	0.460	-	-	0.629	-	-	0.700	-	-	-	-	-	0.700
Subtotal: 2) PE007 MODIFICATION PROGRAM			**-**	**-**	***11.201***	**-**	**-**	***4.846***	**-**	**-**	***7.167***	**-**	**-**	***6.203***	**-**	**-**	**-**	**-**	**-**	***6.203***
Total			**-**	**-**	**99.452**	**-**	**-**	**10.268**	**-**	**-**	**7.167**	**-**	**-**	**15.232**	**-**	**-**	**-**	**-**	**-**	**15.232**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Footnotes:

(3) The increase in funding in FY 2027 is due the procurement schedule of the Mt5S-HE+ and to Unit cost increase based on recent procurements and vendor estimates.

(4) PE007 MODIFICATION PROGRAM: The FY 2027 funding decrease is based on procurement/ship availability schedules and funding0 to support XT FADC controller procurement. The modification program is designed to procure and install hardware to affect improvements in reliability and maintainability aboard CG-47 and DDG-51 class Ship Service Gas Turbine Generator (SSGTG) units. Each hull has a total of three (3) SSGTG units installed. Each SSGTG is controlled by a Full Authority Digital Control (FADC). CG-47 class uses the 501-K17 and DDG-51 class uses the 501-K34. There are currently three variants of the 501-K34 SSGTG: AG9130, AG9140HF and AG9140RF. The AG9140RF also includes the Remote Independent Mechanical Starting System (RIMSS) consisting of the 250-KS4 engine. The quantity of modification kits procured corresponds to the number of SSGTG units to be upgraded. The type and scope of each modification required will vary from one ship to the next. The number and type of kits installed in any given Fiscal Year (FY) varies depending upon ship availability schedules during that FY.

(5) The increase in funding in FY 2027 is due to Unit cost increase based on recent procurements and vendor estimates.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 1	P-1 Line Item Number / Title: 0131 / Surface Power Equipment	Aggregated Items: Rolls Royce Gas Turbine

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1) PE001 STOCK ROTATING SPARES												
1.2) 250-KS4		2023	ROLLS ROYCE / WALEPOLE, MA	SS / FFP	NSWCPD	May 2023	Sep 2027	1	650,000.00	Y		
1.2) 250-KS4		2025	ROLLS ROYCE / WALEPOLE, MA	C / TBD	NSWCPD	Oct 2024	Oct 2028	1	714,000.00	N		
1.3) MT-30		2022	ROLLS ROYCE / WALEPOLE, MA	SS / FFP	NSWCPD	May 2022	Sep 2025	1	20,800K	Y		
1.3) MT-30		2023	ROLLS ROYCE / WALEPOLE, MA	C / TBD	NSWCPD	Oct 2022	Feb 2027	1	20,900K	N		
1.4) MT-5S		2023	ROLLS ROYCE / WALEPOLE, MA	C / TBD	NSWCPD	May 2023	May 2026	1	4,308K	N		

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 1	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	**Aggregated Items Title:** PE830 PRODUCTION ENGINEERING (6)

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) Production Engineering																				
1.1) Production Engineering	A		-	-	2.444	-	-	0.360	-	-	0.360	-	-	0.378	-	-	-	-	-	0.378
Subtotal: 1) Production Engineering			**-**	**-**	***2.444***	**-**	**-**	***0.360***	**-**	**-**	***0.360***	**-**	**-**	***0.378***	**-**	**-**	**-**	**-**	**-**	***0.378***
Total			**-**	**-**	**2.444**	**-**	**-**	**0.360**	**-**	**-**	**0.360**	**-**	**-**	**0.378**	**-**	**-**	**-**	**-**	**-**	**0.378**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

(6) PE830 PRODUCTION ENGINEERING- The review and approval of any production contract technical documentation, or the separate development of this documentation to include: - Technical Manuals - Signal Flow Diagrams - PMS - Level III Production Drawings - Provisioning Technical Documentation (PTD) - Program Support Data - Allowance Parts Lists (APL's) - Engineering in support of final design reviews. This includes efforts associated with tracking and updating Navy Data Environment (NDE), Marine Gas Turbine Information System (MGTIS) and Weblog to reflect completed installations and ensure consistent documentation for engine configuration management.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 1	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	**Aggregated Items Title:** PE110 Propellers and Shafts

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) PE110 - Propellers and Shafts -DDG 51 [7]																				
1.1) PE110 - Propellers and Shafts - DDG 51 CPP hub Port	A		1,238K	5	6.188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) PE110 - Propellers and Shafts - DDG 51 Blade Set ATD Port	A		1,433K	1	1.433	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) PE110 - Propellers and Shafts - DDG 51 Blade Set ATD STBD	A		1,433K	1	1.433	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) PE110 - Propellers and Shafts -DDG 51			**-**	**-**	***9.054***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) PE110 - Propellers and Shafts - LHD8																				
2.2) PE110 - Propellers and Shafts - LHD8 stbd Hub	A		620,000.00	1	0.620	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.3) PE110 - Propellers and Shafts - LHD8 Port Blade Set	A		1,170K	2	2.340	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) PE110 - Propellers and Shafts - LHD8			**-**	**-**	***2.960***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) PE110 - Propellers and Shafts - LPD 17 [8]																				
4.1) LPD 17 STBD Hub [9]	A		-	-	-	-	-	-	1,107K	1	1.107	-	-	-	-	-	-	-	-	-
4.2) PE110 - Propellers and Shafts - LPD17 OD Box [10]	A		368,000.00	1	0.368	420,000.00	2	0.840	430,000.00	1	0.430	439,000.00	1	0.439	-	-	-	439,000.00	1	0.439
4.3) PE110 - Propellers and Shafts - LPD17 Stbd Blade Set	A		991,666.67	3	2.975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4) PE110 - Propellers and Shafts LPD17 Port Hub [11]	A		1,111K	1	1.111	-	-	-	-	-	-	1,129K	1	1.129	-	-	-	1,129K	1	1.129
4.5) PE110 Propellers and Shafts LPD 17 Port Blade Set	A		848,500.00	2	1.697	1,094K	1	1.094	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) PE110 - Propellers and Shafts - LPD 17			**-**	**-**	***6.151***	**-**	**-**	***1.934***	**-**	**-**	***1.537***	**-**	**-**	***1.568***	**-**	**-**	**-**	**-**	**-**	***1.568***
5) PE110 - Propellers and Shafts Dummy Hub Balance Arbor																				
5.1) PE110 - Propellers and Shafts	A		669,000.00	1	0.669	631,000.00	1	0.631	-	-	-	669,492.40	1	0.669	-	-	-	669,492.40	1	0.669

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 1	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	**Aggregated Items Title:** PE110 Propellers and Shafts

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
96 Dummy Hub balance Arbor [12]																				
Subtotal: 5) PE110 - Propellers and Shafts Dummy Hub Balance Arbor			**-**	**-**	***0.669***	**-**	**-**	***0.631***	**-**	**-**	**-**	**-**	**-**	***0.669***	**-**	**-**	**-**	**-**	**-**	***0.669***
6) PE110 - Propellers and Shafts - LCS28AF Impeller Assembly																				
6.1) PE110 - Propellers and Shafts - LCS28AF Impeller Assembly	A		791,750.00	8	6.334	866,500.00	8	6.932	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 6) PE110 - Propellers and Shafts - LCS28AF Impeller Assembly			**-**	**-**	***6.334***	**-**	**-**	***6.932***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**25.168**	**-**	**-**	**9.497**	**-**	**-**	**1.537**	**-**	**-**	**2.237**	**-**	**-**	**-**	**-**	**-**	**2.237**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

[7] Controllable Pitch Propeller asset procurements are to support rotable pools. These spare procurement needs can fluctuate based on fleet size, failure rates, repair turnaround time and available budget therefore the procurements are not steady state year to year. Pricing in budget exhibit based on Rolls-Royce Pricing

[8] Procurement schedule by asset type is based on rotable pool sparing requirements and available funds

[9] The FY 2027 decrease is due to the procurement schedule.

[10] The FY 2027 funding increase is due to PE110 Propellers and Shafts LPD17 OD box procurement schedule and recent vendor estimates.

[11] The FY 2027 increase is due to the LPD17 procurement schedule.

[12] The FY 2027 increase is due to the PE110 Propellers and Shafts Dummy hub balance Arbor procurement schedule.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 1	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	**Aggregated Items Title:** PE130 - Steam Propulsion Items

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) Surface Power Equipment																				
1) Steam Propulsion Items	A		-	-	2.344	-	-	0.252	-	-	0.256	-	-	0.262	-	-	-	-	-	0.262
Subtotal: 1) Surface Power Equipment			**-**	**-**	***2.344***	**-**	**-**	***0.252***	**-**	**-**	***0.256***	**-**	**-**	***0.262***	**-**	**-**	**-**	**-**	**-**	***0.262***
Total			**-**	**-**	**2.344**	**-**	**-**	**0.252**	**-**	**-**	**0.256**	**-**	**-**	**0.262**	**-**	**-**	**-**	**-**	**-**	**0.262**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 1	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	**Modification Number / Title:** 1 / PE015 - LM2500 GAS TURBINE DIGITAL FUEL CONTROL
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	52.977	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	52.977
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	52.977	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	52.977
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**52.977**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**52.977**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

PE015 - LM2500 DIGITAL FUEL CONTROL (DFC) - This cost code procures the Digital Fuel Control (DFC) shipsets, ancillary equipment and install material to support the CG/DDG modernization schedules. Procurement and installations are budgeted to correspond with CNO ship availabilities. One DFC kit is required to update each of the four LM2500 engines, which makes one DFC shipset. The DFC upgrade is a mandatory portion of DDG-51 modernizations; the modernized machinery control system (MCS) is incapable of interfacing with LM2500 engines not equipped with DFC. The DFC is the most significant change to the LM2500 engine since its inception into the USN that addresses obsolete components which accounted for approximately 40% of all engine failures. In summary, this modification is estimated to be 75% more reliable than the old system. This upgrade also replaces the Hydro-mechanical main fuel control (MFC) system, which was designed for aircraft, with a DFC system designed for a military marine environment. This modification increases engine reliability, decreases periodic maintenance, enhances operational functions, and provides an automatic stall detection and shutdown capability.

PE6IN - INSTALLATION FOR DIGITAL FUEL CONTROL (DFC)- This cost element funds the installation of Cost element PE015, LM2500 Digital Fuel Control (DFC) shipsets, as part of the CG/DDG HM&E modernization program. This includes pre-assembly at NSWCPD (Philadelphia), shipping to installation location, shipboard installation, training, post installation operational testing and associated travel cost.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 1	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	**Modification Number / Title:** 1 / PE015 - LM2500 GAS TURBINE DIGITAL FUEL CONTROL
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: PE015 - LM2500 GAS TURBINE DIGITAL FUEL CONTROL												
B Kits												
Recurring												
1.1.1) PE015 DIGITAL FUEL CONTROL SHIPSET/ PE6IN INSTALLATION FOR DFC - NonOrganic	26 / 50.235	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	26 / 50.235
Subtotal: Recurring	*- / 50.235*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 50.235*
Subtotal: PE015 - LM2500 GAS TURBINE DIGITAL FUEL CONTROL	*26 / 50.235*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*26 / 50.235*
Subtotal: Procurement, All Modification Items	*- / 50.235*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 50.235*
Installation												
Modification Item 1 of 1: PE015 - LM2500 GAS TURBINE DIGITAL FUEL CONTROL	- / 2.742	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 2.742
Subtotal: Installation	*- / 2.742*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 2.742*
Total												
Total Cost (Procurement + Support + Installation)	**52.977**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**52.977**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 1	**P-1 Line Item Number / Title:** 0131 / Surface Power Equipment	**Modification Number / Title:** 1 / PE015 - LM2500 GAS TURBINE DIGITAL FUEL CONTROL

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 1: PE015 - LM2500 GAS TURBINE DIGITAL FUEL CONTROL

Manufacturer Information

Manufacturer Name: General Electric	Manufacturer Location: Cincinnati, OH
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 10

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: GOVERNMENT:: Installation Name: PE015 DIGITAL FUEL CONTROL SHIPSET/ PE6IN INSTALLATION FOR DFC

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	26 / 2.742	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	26 / 2.742
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	26 / 2.742	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	26 / 2.742

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26
Out	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 2: Generators	**P-1 Line Item Number / Title:** 0200 / Surface Combatant HM&E

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	503.502	77.592	62.004	103.871	0.000	103.871	103.345	45.267	44.841	44.218	-	984.640
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	503.502	77.592	62.004	103.871	0.000	103.871	103.345	45.267	44.841	44.218	-	984.640
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**503.502**	**77.592**	**62.004**	**103.871**	**0.000**	**103.871**	**103.345**	**45.267**	**44.841**	**44.218**	**-**	**984.640**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	38.053	-	0.861	-	0.861	2.182	2.603	6.772	6.286	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program allows the Navy to better align and identify Hull, Mechanical & Electrical (HM&E) requirements and shipboard upgrades and equipment. This is in support of the in-service Surface Combatants and Amphibious ships to include Class Common Equipment (CCE) to support shorter Regular Overhauls and Selected Restricted Availabilities. These include Ship System Components that require long repair turn-around; CG/DDG - Machinery Control Systems (MCS) Commercial off the Shelf (COTS) Refresh; Ship Control Systems (SCS) procurements and installation in support of the SCS; and other equipment to support the Comprehensive Review Findings following the Fitzgerald and McCain collisions in 2017.

[P40A / GB001 - CG/DDG COTS Tech Refresh]: Due to Diminishing Manufacturing Sources and Material Shortages (DMSMS), Commercial Off The Shelf (COTS) equipment must be periodically refreshed to ensure supportability to the Fleet. This cost code is used to fund solutions for HM&E systems that have parts with impending DMSMS impacts. DMSMS solutions, including after-market manufacturing (reverse engineering), bridge-buys, life-of-type buys, modernization through replacement, modification / redesign, and reclamation are implemented to ensure that in-service ships are operational and sustainable throughout the life of the system. DMSMS issues and planned resolutions are implemented both within and outside of standard CNO availabilities (Window of Opportunity (WOO) or Continuous Maintenance Availability (CMAV)) and are impacted by pending fact-of-life influences, including shifting availabilities, modified vendor End of Sale dates, and unforeseen material shortages.

[P40A / GB002 - Class Common Equipment]: The Common Class Equipment (CCE) program is to provide Ready-For-Issue (RFI) systems and equipment in support of Surface Combatant ship industrial availabilities and to replace major system equipment which sustains battle damage or major failure. CCE Availability Assets (AAs) ensure warfighting capability, readiness, and on-time deployment by providing RFI long lead time material (LLTM) in case of possible catastrophic damage or major failure on Aegis ships. CCE AAs are procured and stored to support backfit upgrades and emergent maintenance within brief availability windows. The ready accessibility of these assets avoids delays in availability completion caused by lengthy equipment repair turn-around time or acquisition lead time. In addition to AAs, the CCE program also provides for Insurance Assets. These are the major long lead time HM&E equipment/systems, which would prevent a ship from being able to be quickly repaired in order to accomplish its mission due to major damage or battle damage. The CCE program provides for both CG and DDG assets.

[P40A / GB003 - Ship Control Systems (Surface Ship Modernization)]: Funds provide support for the procurement and installation of Ship Control Systems (SCS) upgrades on both cruisers and destroyers in support of the Fleet Modernization Program. Ship Control Systems provide lifecycle support for legacy and modernized engineering controls. SCS equipment and components are procured for various ship changes and engineering change proposals for in-service surface combatants and are installed both within and outside of standard CNO availabilities. This effort includes maintaining Land Based Engineering Sites (LBES), CG / DDG system refresh, SCD design engineering, CG / DDG equipment procurement, and CG / DDG ISEA/ILS support. This cost code also provides for funding the necessary software licenses in support of the HM&E COTS systems/equipment for both CG and DDG class ships. Examples of systems requiring software licenses are: Machinery Control System (MCS) components, Voyage Management System, Integrated Bridge System, Integrated Bridge and Navigation System, and Digital Video Surveillance System.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 2: Generators	P-1 Line Item Number / Title: 0200 / Surface Combatant HM&E	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / GB6IN - DDG 51 Class Install (Procured under GB003 3.2)]: Install

FY27: 3; FY28: 3; FY29: 1; FY30:1; FY31: 1

[P40A / GB004 - Maritime Energy Initiatives (Previously Procured in BLI 0110 and BLI 0120)]: Maritime Energy Initiatives provide surface combatants with technologies/tools that reduce energy usage. This will enhance operational capabilities, allowing for longer time on-station and fewer refuelings. The initiatives consist of: 1) Hull and Hydrodynamics - These initiatives focus on the dynamic forces where the ship contacts the water. They include, but are not limited to hull appendages that reduce drag, thus improving speed and fuel efficiency; 2) Power Generation and Transmission Systems - These initiatives focus on, but are not limited to improving the efficiency of ships' prime movers, generators, main reduction gears, propulsion motors/drives, and shaft-line components; 3) Combat and Ship Systems Support Services - These initiatives focus on, but are not limited to improving systems that use electricity when providing support services (e.g. cooling, heating, air, lube oil) to combat machinery, or life support systems; and 4) Decision Aids - These initiatives will inform the sailor of decisions they can make to save energy and improve operational efficiency by consolidating and manipulating ship data and providing it back as actionable information.

[P40A / GB004 - Shipboard Energy Dashboard FLT IIA Equipment]: The Shipboard Energy Dashboard FLT IIA technology is a shipboard tool providing real time situational awareness of the energy demand associated with equipment lineup and mission. Technology raises operator awareness of how certain engineering plant lineups and equipment affect fuel consumption rates. Energy savings will be realized through energy usage culture change.

[P40A / GB004 - Maritime Energy Initiatives (VSD for CPS)]: The Collective Protective System (CPS) is a full time air filtration system integrated into the ship's HVAC system. The amount of outside supply air delivered to CPS zones varies with filter loading over time and is almost always higher than needed, resulting in above average HVAC loads. Variable Speed Drive (VSD) will be installed as an airflow control component to optimize supply air flow, realizing energy savings from fan motor and reduced HVAC loads. Currently, no funds required in FY26 and out years.

[P40A / GB004 - Maritime Energy Initiatives (TMCS)]: The Heating, Ventilation, and Air Conditioning (HVAC) system is the largest distributed system on a Surface Combatant and typically consumes between 25% and 40% of all energy used. Surveys on several DDG-class ships indicate that average space temperatures across the ship were being maintained well below the design temperature. Thermal Management Control System (TMCS) provides centralized control and monitoring of space temperatures at design set-points for each compartment throughout the ship. This technology enables improved operational efficiency of the HVAC system, thereby lowering AC loads and reducing electrical demand. Currently, no funds required in FY26 and out years.

[P40A / GB004 - Maritime Energy Initiative Install (Procured prior to transfer)]: Currently, no funds required in FY26 and out years.

[P40A / GB005 - HM&E Condition System]: This solution proposed would implement HM&E principles, it would implement a Defense-in-Depth Functional Implementation Architecture (DFIA) and meet the requirements of the standards released by the Information Assurance Technical Authority Board (IA TAB) across all the HM&E systems deploying the ability to protect, detect, react, and restore in a contested environment. The HM&E Condition System will monitor the signals on the HM&E network, both between HM&E systems and also those coming from other functional domains.

[P40A / GB006 - Hybrid Electric Drive]: Currently, no funds required in FY26 and out years.

[P40A / GB443 - Bridge Integration - Ship Control Systems (BI-SCS)]: In accordance with OPNAV N9 Top Level Requirements (TLR) for Surface Ship Bridge Standardization and Integration (9MAR2020), funding provides solutions to 2018 Comprehensive Review (CR) recommendations 7.3.6, 7.3.7, 7.3.10, and 7.3.11 for DDG-51 ship control and bridge information systems as identified by NAVSEA's DDG-51 Class Design Review Board (DRB) across five major areas of focus including: 1) Adding a physical throttle to the Integrated Bridge and Navigation System (IBNS) Ship Control Console (SCC); 2) Adding a Voyage Data Recorder (VDR) capability; 3) Implementing night vision requirements for lighting and glare reduction from bridge equipment; 4) Replacing troubled Original Equipment Manufacturing (OEM) developed Steering and Propulsion Control with Ship Control System-Government owned (SCS-GOV) Software; 5) Replace critical obsolete IBNS hardware/software. Additionally, in accordance with OPNAV N9 TLR and CR recommendations, Voyage Data Recorder (VDR) Capability for AMPHIBIOUS Ship Classes is funded within this budget and Cost Code.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 2: Generators	**P-1 Line Item Number / Title:** 0200 / Surface Combatant HM&E	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / GB008 - DDG-51 Flight III Unique System Battle Spares]: The Battle Spare procurement is to provide Fleet Commanders the ability to repair major system equipment unique to the Flight III ship configuration in the event of battle damage or major failure. Procurements support long lead-time HM&E systems that would not otherwise be available to support quick repairs to operational ships. These systems include but are not limited to: Power Control Monitors (PCMs), Ship Service Gas Turbine Generators (SSGTGs), Water Mist, High Efficiency Super Capacity (HES-C), and 4160 Switchboards and Load centers.

[P40A / GB009 - DDG-51 Flight I, II, & IIA Battle Spares HM&E Systems]: The Battle Spare procurement is to provide Fleet Commanders the ability to repair major system equipment for DDG 51 Flight I, II, & IIA configurations in the event of battle damage or major failure. Procurements support long lead-time HM&E systems that would not otherwise be available to support quick repairs to operational ships. These systems include but are not limited to: Ship Service Gas Turbine Generators (SSGTGs), Refrigeration Modules, and 60 Hz Power Distribution Switchboards (SWBDs).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 2: Generators	**P-1 Line Item Number / Title:** 0200 / Surface Combatant HM&E

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Surface Combatant HM&E				- / 503.502	- / 77.592	- / 62.004	- / 103.871	- / -	- / 103.871
P-40	**Total Gross/Weapon System Cost**				**- / 503.502**	**- / 77.592**	**- / 62.004**	**- / 103.871**	**- / 0.000**	**- / 103.871**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The $41.876M increase between FY26 and FY27 is due to funds added for Battle Spares Procurement for DDG-51 Flight I, II, & IIA (GB009).

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 2	P-1 Line Item Number / Title: 0200 / Surface Combatant HM&E	Aggregated Items Title: Surface Combatant HM&E

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) GB001 - CG/DDG COTS Tech Refresh																				
1.1) GB001 - CG/DDG COTS Tech Refresh	A		-	-	38.572	-	-	0.986	-	-	1.131	-	-	1.540	-	-	-	-	-	1.540
Subtotal: 1) GB001 - CG/DDG COTS Tech Refresh			**-**	**-**	***38.572***	**-**	**-**	***0.986***	**-**	**-**	***1.131***	**-**	**-**	***1.540***	**-**	**-**	**-**	**-**	**-**	***1.540***
2) GB002 - Class Common Equipment																				
2.1) GB002 - Class Common Equipment	A		-	-	17.253	-	-	-	-	-	0.725	-	-	-	-	-	-	-	-	-
Subtotal: 2) GB002 - Class Common Equipment			**-**	**-**	***17.253***	**-**	**-**	**-**	**-**	**-**	***0.725***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) GB003 - Ship Control Systems (Surface Ship Modernization) [1]																				
3.1) GB003 - TWISTED RUDDER	A		-	-	11.834	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) GB003 - CG 47 Class (Installed under GB6IN 3.5)	A		-	-	9.407	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) GB003 - DDG 51 Class (Installed under GB6IN 3.6) [2]	A		-	-	58.233	-	-	17.310	-	-	10.171	-	-	10.374	-	-	-	-	-	10.374
3.4) GB003 - Ship Control Systems Software Licenses	A		-	-	3.149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5) GB003 - Surface Ship Control System Upgrades for DDG 51 Class	A		-	-	74.518	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6) GB6IN - CG 47 Class Install (Procured under GB003 3.1)	A		-	-	6.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.7) GB6IN - DDG 51 Class Install (Procured under GB003 3.2)	A		-	-	31.127	-	-	5.760	-	-	10.800	-	-	12.554	-	-	-	-	-	12.554
Subtotal: 3) GB003 - Ship Control Systems (Surface Ship Modernization)			**-**	**-**	***194.468***	**-**	**-**	***23.070***	**-**	**-**	***20.971***	**-**	**-**	***22.928***	**-**	**-**	**-**	**-**	**-**	***22.928***
4) GB004 - Maritime Energy Initiatives (Previously Procured in BLI 0110 and BLI 0120) [3]																				
4.1) GB004 - Shipboard Energy Dashboard FLT IIA Equipment	A		-	-	1.330	-	-	3.500	-	-	-	-	-	-	-	-	-	-	-	-
4.2) GB004 - Maritime Energy Initiatives (VSD for CPS)	A		-	-	14.671	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 2	P-1 Line Item Number / Title: 0200 / Surface Combatant HM&E	Aggregated Items Title: Surface Combatant HM&E

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
4.3) GB004 - Maritime Energy Initiatives (TMCS)	A		-	-	34.338	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4) GB004 - Maritime Energy Initiative Install (Procured prior to transfer)	A		-	-	2.778	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) GB004 - Maritime Energy Initiatives (Previously Procured in BLI 0110 and BLI 0120)			**-**	**-**	***53.117***	**-**	**-**	***3.500***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5) GB005 - HM&E Condition System																				
5.1) GB005 - HM&E Condition System	A		-	-	101.209	-	-	24.820	-	-	21.014	-	-	19.827	-	-	-	-	-	19.827
Subtotal: 5) GB005 - HM&E Condition System			**-**	**-**	***101.209***	**-**	**-**	***24.820***	**-**	**-**	***21.014***	**-**	**-**	***19.827***	**-**	**-**	**-**	**-**	**-**	***19.827***
6) GB006 - Hybrid Electric Drive																				
6.1) GB006 - Hybrid Electric Drive	A		-	-	35.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 6) GB006 - Hybrid Electric Drive			**-**	**-**	***35.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
7) GB007 - DDG51 Advanced Degaussing																				
7.1) DDG 51 Advanced Degaussing	A		-	-	7.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 7) GB007 - DDG51 Advanced Degaussing			**-**	**-**	***7.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
8) GB443 - Bridge Integration - Ship Control Systems (BI-SCS)																				
8.1) Amphibious Class Voyage Data Recorders (VDR) (N95)	A		-	-	4.754	-	-	5.886	-	-	4.200	-	-	1.809	-	-	-	-	-	1.809
8.2) SCS Gov S/W and SSM on IBNS H/W for DDGs (N96) [4]	A		-	-	18.558	-	-	5.963	-	-	4.995	-	-	4.680	-	-	-	-	-	4.680
8.3) Int Bridge Nav Sys (IBNS) to Ship Control Systems (SCS) Conv (N96)	A		-	-	-	-	-	-	-	-	0.258	-	-	-	-	-	-	-	-	-
8.4) Combatant Class Voyage Data Recorders (VDR) (N96)	A		-	-	4.490	-	-	11.507	-	-	7.840	-	-	6.163	-	-	-	-	-	6.163
8.5) Combatant Class Physical Throttles (N96)	A		-	-	-	-	-	1.860	-	-	0.870	-	-	0.924	-	-	-	-	-	0.924

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 2	**P-1 Line Item Number / Title:** 0200 / Surface Combatant HM&E	**Aggregated Items Title:** Surface Combatant HM&E

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Subtotal: 8) GB443 - Bridge Integration - Ship Control Systems (BI-SCS)			**-**	**-**	***27.802***	**-**	**-**	***25.216***	**-**	**-**	***18.163***	**-**	**-**	***13.576***	**-**	**-**	**-**	**-**	**-**	***13.576***
9) GB008 - DDG-51 Flight III Unique System Battle Spares																				
9.1) DDG-51 Flight III Unique System Battle Spares	A		-	-	29.081	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 9) GB008 - DDG-51 Flight III Unique System Battle Spares			**-**	**-**	***29.081***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
10) GB009 - DDG-51 Flight I, II, & IIA Battle Spares HM&E Systems																				
10.1) DDG-51 Flight I, II, & IIA Battle Spares (5)	A		-	-	-	-	-	-	-	-	-	-	-	46.000	-	-	-	-	-	46.000
Subtotal: 10) GB009 - DDG-51 Flight I, II, & IIA Battle Spares HM&E Systems			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***46.000***	**-**	**-**	**-**	**-**	**-**	***46.000***
Total			**-**	**-**	**503.502**	**-**	**-**	**77.592**	**-**	**-**	**62.004**	**-**	**-**	**103.871**	**-**	**-**	**-**	**-**	**-**	**103.871**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

(1) GB003 Procurements in cost code GB003 are dependent upon the specific alterations to be accomplished and an individual ship's configuration. Shipsets of equipment vary in quantities and types of components each fiscal year and within a fiscal year. Quantity of "1" represents the total value of multiple shipsets purchased on multiple contracts for multiple ships. Unit costs for specific alterations are not associated with cost code GB003 due to the varying degree of engineering changes required per ship (ship configuration dependent) and the installation normally occurs outside of CNO availabilities, in either a WOO or CMAV.

(2) GB003 Scheduled Procurements for DDG 51 Class (To be installed under GB6IN 5.2): Procurement FY27: 1; FY28: 1; FY29: 1; FY30: 1; FY31: 1

(3) GB004 Maritime Energy Initiatives was a one-year add in FY25 to procure and install lighting upgrades for DDG-51 and the MSC fleet, develop ship energy optimization projects, investigate future combatant hull design, and set up a pilot program to test commercial energy technologies on Navy ships for Shipboard Energy Dashboard FLT IIA.

(4) GB443 - Funds shortfalls to planned procurements and installations of SCS GOV due to increase in contract pricing and new requirement for Synchro System Feedback Module (SSM) hardware in IBSN-configured DDGs.

(5) GB009 The increased budget total control in FY27 and FY28 is due to Battle Spares Procurement consisting of, but not limited to, Ship Service Gas Turbine Generators (SSGTG), Modular Refrigeration Units, High Pressure Air Compressors (HPACs), Next Generation Surface Search Radar (NGSSR), and SeaRAM launchers for DDG 51 Flight I, II, & IIA.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 6: Navigation Equipment	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	821.070	97.206	96.945	83.510	0.000	83.510	93.493	85.304	82.898	85.024	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	821.070	97.206	96.945	83.510	0.000	83.510	93.493	85.304	82.898	85.024	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**821.070**	**97.206**	**96.945**	**83.510**	**0.000**	**83.510**	**93.493**	**85.304**	**82.898**	**85.024**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	8.302	-	5.455	-	5.455	7.014	8.429	7.464	6.969	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program provides procurement and improvements of navigation equipment to include Inertial Navigation equipment such as gyrocompasses, speed sensors, Electronic Chart Display and Information System (ECDIS) and major components for other navigation systems. ECDIS provides Fleet-wide electronic charting capability, increases navigation and situational awareness, improves safety at sea, and eliminates reliance on paper charts. These systems provide mission critical navigation data to shipboard combat and weapon systems.

[P40A / GW054: NAVIGATION TRAINING EQUIPMENT]: Funds are required for the procurement of training equipment for multiple Navigation classrooms in support of Navigation System Technician pipeline maintenance training and ECDIS Operator Training. This includes computer upgrades and software licenses. These upgrades are critical to maintaining Fleet proficiency on operation and maintenance of navigation systems. Field Changes include ECDIS Operator Course Classroom Tech Refresh and additional seats and licenses and upgrade/update Mariner Skills Simulator (MSS) to support Fleet Training Requirements (Radar/Data bases/Models).

[P40A / GW063: NAVIGATION CERTIFICATION]: These funds are required for conducting Navigation Certification (NAVCERT) on surface ships, submarines, and carriers as part of fielded upgrades and tech refresh. NAVCERT funding amount varies each fiscal year based on the number and type of equipment and/or field changes installed, the ship class, and location.

[P40A / GW068: NAVIGATION CERTIFICATION SUITE]: These funds are required for the procurement of hardware and software to maintain and upgrade a land-based Navigation Certification Suite lab to verify navigation equipment field changes and tech refresh interoperability with existing systems prior to shipboard installation.

[P40A / GW830: NAVIGATION MODERNIZATION SUPPORT]: In prior-year budget justification documents, this cost element was called "PRODUCTION ENGINEERING." For the 2027 budget year, the name of this cost element has been updated to better reflect the work being performed. The actual work being performed under this cost element has not changed. These funds are required for the modernization and support of all navigation system hardware, software, and tech refresh procurements and system test and integration. This Cost Element includes indirect costs associated with the procurement and installation of individual field changes and upgrades. These costs would include field change and upgrade support, consolidated engineering support, Program Office support, and other costs. These costs will fluctuate with increases and decreases of overall budget, number and type of field changes and upgrades, and required support.

[P3A / GW053: AN/WSN-12]: These funds are for the procurement and installation of AN/WSN-12 Inertial Navigation System - Replacement (INS-R) on surface ships, submarines, and carriers.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 6: Navigation Equipment	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P3A - 2 / GW056: NAVY ECDIS]: These funds are required for the procurement and installation of Navy ECDIS hardware and software to replace legacy ECDIS-N capability on surface ships and carriers, and procurement and installation of Navy ECDIS software on submarines.

[P3A - 3 / GW061: MK 27 REPLACEMENT]: These funds are required for the installation of AN/WSN-11 replacement for legacy MK27 Backup Heading Reference systems on amphibs.

[P3A - 4 / GW062: AN/WSN-7 MODERNIZATION]: These funds are required for the procurement and installation of field changes, upgrades, and Tech Refresh of AN/WSN-7 Inertial Navigation System on surface ships and submarines.

[P3A - 5 / GW070: MILITARY GLOBAL POSITIONING SYSTEM (GPS) USER EQUIPMENT (MGUE)]: These funds are required for the procurement of Military GPS User Equipment on submarines.

[P3A - 6 / GW071: NAVIGATION NETWORKS]: GW071 title change from Navigation Critical Distribution System to Navigation Networks to incorporate NCDS and NDDS. These funds are required for the procurement and installation of Navigation Critical Distribution System (NCDS) and Navigation Data Distribution System (NDDS) on amphibious ships and carriers.

[P3A - 7 / GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM]: These funds are required for the procurement and installation of Automated Celestial Navigation System (ACNS) on surface ships.

[P3A - 8 / GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT]: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT (TFDS-R): These funds are required for the procurement and installation of Time Frequency Distribution System-Replacement (TFDS-R) on submarines.

[P3A - 9 / GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE]: These funds are for the procurement and associated installations which will address obsolescence issues associated with the AN/BSN-2 Digital Depth Detector and TFDS. It also leverages updates to COLUMBIA Class architecture to remove dedicated Mission Critical Control Panel (MCCP).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 6: Navigation Equipment	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Other Navigation Equipment				- / 564.803	- / 24.092	- / 15.020	- / 16.638	- / -	- / 16.638
P-3a	1 / GW053: AN/WSN-12 (AN/WSN-12)				- / 76.553	- / 8.885	- / 19.879	- / 21.817	- / 0.000	- / 21.817
P-3a	2 / GW056: NAVY ECDIS (NAVY ECDIS)				- / 94.429	- / 16.797	- / 15.518	- / 12.089	- / 0.000	- / 12.089
P-3a	3 / GW061: MK 27 REPLACEMENT (MK 27 REPLACEMENT)				- / 3.160	- / 0.332	- / 0.169	- / 0.000	- / 0.000	- / 0.000
P-3a	4 / GW062: AN/WSN-7 MODERNIZATION (AN/WSN-7 MODERNIZATION)				- / 38.849	- / 6.780	- / 6.068	- / 6.076	- / 0.000	- / 6.076
P-3a	5 / GW070: MILITARY GLOBAL POSITIONING SYSTEM (GPS) USER EQUIPMENT (MGUE) (MILITARY GPS USER EQUIPMENT)				- / 0.473	- / 0.271	- / 0.331	- / 0.000	- / 0.000	- / 0.000
P-3a	6 / GW071: NAVIGATION NETWORKS (GW071: NAVIGATION NETWORKS)				- / 27.136	- / 28.307	- / 27.161	- / 10.968	- / 0.000	- / 10.968
P-3a	7 / GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM (GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM)				- / 15.667	- / 8.247	- / 9.759	- / 10.591	- / 0.000	- / 10.591
P-3a	8 / GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT (TBD)				- / 0.000	- / 0.720	- / 1.714	- / 1.560	- / 0.000	- / 1.560
P-3a	9 / GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE (TBD)				- / 0.000	- / 2.775	- / 1.326	- / 3.771	- / 0.000	- / 3.771
P-40	**Total Gross/Weapon System Cost**				**- / 821.070**	**- / 97.206**	**- / 96.945**	**- / 83.510**	**- / 0.000**	**- / 83.510**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Other Navigation Equipment				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / GW053: AN/WSN-12 (AN/WSN-12)				- / 23.010	- / 18.636	- / 24.384	- / 24.296	Continuing	Continuing
P-3a	2 / GW056: NAVY ECDIS (NAVY ECDIS)				- / 15.333	- / 16.910	- / 11.432	- / 11.141	Continuing	Continuing
P-3a	3 / GW061: MK 27 REPLACEMENT (MK 27 REPLACEMENT)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 3.661
P-3a	4 / GW062: AN/WSN-7 MODERNIZATION (AN/WSN-7 MODERNIZATION)				- / 5.495	- / 5.239	- / 5.347	- / 5.461	Continuing	Continuing
P-3a	5 / GW070: MILITARY GLOBAL POSITIONING SYSTEM (GPS) USER EQUIPMENT (MGUE) (MILITARY GPS USER EQUIPMENT)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 1.075
P-3a	6 / GW071: NAVIGATION NETWORKS (GW071: NAVIGATION NETWORKS)				- / 17.879	- / 14.010	- / 10.269	- / 14.229	- / 7.647	- / 157.606
P-3a	7 / GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM (GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM)				- / 10.803	- / 11.019	- / 11.251	- / 11.486	- / 2.820	- / 91.643
P-3a	8 / GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT (TBD)				- / 1.548	- / 2.295	- / 2.675	- / 2.731	- / 1.267	- / 14.510
P-3a	9 / GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE (TBD)				- / 2.759	- / 1.407	- / 1.188	- / 1.213	- / 0.259	- / 14.698
P-40	**Total Gross/Weapon System Cost**				**- / 93.493**	**- / 85.304**	**- / 82.898**	**- / 85.024**	**Continuing**	**Continuing**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 6: Navigation Equipment	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		
Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.		

Justification:
Net decrease of $13.436M from FY 2026 to FY 2027 reflects decreases in planned procurement of Navy ECDIS Hardware, installation requirements for NCDS, Navigation Modernization Support and program support services.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Aggregated Items Title:** Other Navigation Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) GW054: NAVIGATION TRAINING EQUIPMENT																				
1.1) SURFACE NAVIGATION TRAINING EQUIPMENT [1]	A		-	-	8.505	-	-	0.701	-	-	0.750	-	-	0.300	-	-	-	-	-	0.300
Subtotal: 1) GW054: NAVIGATION TRAINING EQUIPMENT			**-**	**-**	***8.505***	**-**	**-**	***0.701***	**-**	**-**	***0.750***	**-**	**-**	***0.300***	**-**	**-**	**-**	**-**	**-**	***0.300***
2) GW063: NAVIGATION CERTIFICATION																				
2.1) AMPHIB NAVIGATION CERTIFICATION [2]	A		-	-	6.738	-	-	0.496	-	-	0.411	-	-	0.396	-	-	-	-	-	0.396
2.2) SURFACE NAVIGATION CERTIFICATION [3]	A		-	-	21.913	-	-	0.833	-	-	0.742	-	-	0.513	-	-	-	-	-	0.513
2.3) SUBMARINE NAVIGATION CERTIFICATION [4]	A		-	-	8.299	-	-	1.098	-	-	1.000	-	-	1.020	-	-	-	-	-	1.020
2.4) CARRIER NAVIGATION CERTIFICATION [5]	A		-	-	1.498	-	-	0.238	-	-	0.066	-	-	0.087	-	-	-	-	-	0.087
Subtotal: 2) GW063: NAVIGATION CERTIFICATION			**-**	**-**	***38.448***	**-**	**-**	***2.665***	**-**	**-**	***2.219***	**-**	**-**	***2.016***	**-**	**-**	**-**	**-**	**-**	***2.016***
3) GW064: OWN SHIP SPEED (OSS) AND COURSE REPEATERS [6]																				
3.1) SURFACE OSS AND COURSE REPEATERS [7]	A		-	-	0.785	-	-	0.330	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) GW064: OWN SHIP SPEED (OSS) AND COURSE REPEATERS			**-**	**-**	***0.785***	**-**	**-**	***0.330***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) GW068: NAVIGATION CERTIFICATION SUITE																				
4.1) SURFACE NAVIGATION CERTIFICATION SUITE [8]	A		-	-	23.170	-	-	3.247	-	-	3.000	-	-	3.057	-	-	-	-	-	3.057
Subtotal: 4) GW068: NAVIGATION CERTIFICATION SUITE			**-**	**-**	***23.170***	**-**	**-**	***3.247***	**-**	**-**	***3.000***	**-**	**-**	***3.057***	**-**	**-**	**-**	**-**	**-**	***3.057***
5) GW830: NAVIGATION MODERNIZATION SUPPORT																				
5.1) AMPHIB MODERNIZATION SUPPORT (Navigation Networks) [9]	A		-	-	10.276	-	-	1.968	-	-	0.378	-	-	4.147	-	-	-	-	-	4.147

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	P-1 Line Item Number / Title: 0670 / Other Navigation Equipment	Aggregated Items Title: Other Navigation Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
5.2) AMPHIB MODERNIZATION SUPPORT (10)	A		-	-	17.443	-	-	2.733	-	-	1.241	-	-	0.250	-	-	-	-	-	0.250
5.3) SURFACE MODERNIZATION SUPPORT (11)	A		-	-	47.571	-	-	6.611	-	-	5.157	-	-	2.120	-	-	-	-	-	2.120
5.4) SUBMARINE MODERNIZATION SUPPORT (12)	A		-	-	17.288	-	-	4.226	-	-	1.355	-	-	3.631	-	-	-	-	-	3.631
5.5) CARRIER MODERNIZATION SUPPORT (13)	A		-	-	7.136	-	-	1.611	-	-	0.920	-	-	1.117	-	-	-	-	-	1.117
Subtotal: 5) GW830: NAVIGATION MODERNIZATION SUPPORT			**-**	**-**	***99.714***	**-**	**-**	***17.149***	**-**	**-**	***9.051***	**-**	**-**	***11.265***	**-**	**-**	**-**	**-**	**-**	***11.265***
6) GW Completed P3As (14)																				
6.1) Digital Depth Detector (GW067) Prior Year Historical (15)	A		-	-	4.434	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) NAVSSI Capstone (GW058) Prior Year Historical (16)	A		-	-	9.031	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.3) Next Generation Fathometer (GW060) Prior Year Historical (17)	A		-	-	12.548	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.4) AMPHIB AN/ WSN-7B (GW036) Prior Year Historical (18)	A		421,417.58	91	38.349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.5) SUBMARINE AN/ WSN-7B (GW036) Prior Year Historical (19)	A		58,937.50	16	0.943	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.6) AMPHIB ECDIS-N FIELD CHANGES (GW051) Prior Year Historical (20)	A		302,692.31	13	3.935	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.7) SURFACE ECDIS-N FIELD CHANGES (GW051) Prior Year Historical (21)	A		267,309.73	113	30.206	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	P-1 Line Item Number / Title: 0670 / Other Navigation Equipment	Aggregated Items Title: Other Navigation Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
6.8) CARRIER ECDIS-N FIELD CHANGES (GW051) Prior Year Historical (22)	A		144,866.67	15	2.173	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.9) SPEED LOGS AMPHIB AN/WSN-9 (GW055) Prior Year Historical (23)	A		252,233.33	30	7.567	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.10) SPEED LOGS AMPHIB SWITCHBOARD (GW055) Prior Year Historical (24)	A		50,000.00	11	0.550	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.11) SPEED LOGS SURFACE AN/WSN-9 (GW055) Prior Year Historical (25)	A		184,164.18	67	12.339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.12) SPEED LOGS SUBMARINE AN/ WSN-9 (SSBN) (GW055) Prior Year Historical (26)	A		91,933.33	15	1.379	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.13) SPEED LOGS SUBMARINE AN/ WSN-9 (SSN) (GW055) Prior Year Historical (27)	A		144,750.00	24	3.474	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.14) SPEED LOGS CARRIER AN/WSN-9 (GW055) Prior Year Historical (28)	A		138,750.00	4	0.555	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.15) SPEED LOGS CARRIER AN/WSN-8 TECH REFRESH (GW055) Prior Year Historical (29)	A		194,000.00	4	0.776	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.16) SURFACE (SABER-NAV) (GW069) Prior Year Historical (30)	A		664,625.00	24	15.951	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.17) MK27 REPLACEMENT SUBMARINE AN/ WSN-11 (GW061) Prior Year Historical (31)	A		108,866.67	15	1.633	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Aggregated Items Title:** Other Navigation Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
6.18) MK27 REPLACEMENT SURFACE AN/ WSN-11 (GW061) Prior Year Historical (32)	A		119,117.65	17	2.025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.19) AMPHIB AN/WSN-7 FIELD CHANGE 22 (GW062) Prior Year Historical (33)	A		12,727.27	22	0.280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.20) SURFACE AN/WSN-7 FIELD CHANGE 22 (GW062) Prior Year Historical (34)	A		12,507.25	69	0.863	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.21) SURFACE AN/ WSN-7 CDU TECH REFRESH EQT (GW062) Prior Year Historical (35)	A		-	-	0.475	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.22) SUBMARINE AN/WSN-7A FIELD CHANGE 21 (GW062) Prior Year Historical (36)	A		60,000.00	6	0.360	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.23) SUBMARINE AN/WSN-7A FIELD CHANGE 22 (GW062) Prior Year Historical (37)	A		60,000.00	7	0.420	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.24) SUBMARINE AN/WSN-7A FIELD CHANGE 23 (GW062) Prior Year Historical (38)	A		129,000.00	12	1.548	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.25) SUBMARINE AN/WSN-7A FIELD CHANGE 24 (TI-18) (GW062) Prior Historical (39)	A		194,875.00	24	4.677	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.26) SUBMARINE AN/WSN-7A FIELD CHANGE 26 (TI-20) (GW062) Prior Historical (40)	A		216,304.35	23	4.975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.27) SUBMARINE AN/WSN-7 ECI	A		35,000.00	12	0.420	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Aggregated Items Title:** Other Navigation Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
(TI-16/APB-17) (GW062) Prior Year Historical [41]																				
6.28) SUBMARINE AN/WSN-7 ECI (TI-18/APB-19) (GW062) Prior Year Historical [42]	A		35,000.00	10	0.350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.29) SUBMARINE AN/WSN-7 ECI (TI-20/APB-21) (GW062) Prior Year Historical [43]	A		20,400.00	5	0.102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.30) SUBMARINE ECI 14-006-VA (GW062) Prior Year Historical [44]	A		5,000.00	4	0.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.31) SUBMARINE ECI (TI-10/12/14) (GW062) Prior Year Historical [45]	A		25,000.00	44	1.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.32) CARRIER AN/WSN-7 FIELD CHANGE 22 (GW062) Prior Year Historical [46]	A		12,333.33	12	0.148	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.33) CARRIER AN/WSN-7 FIELD CHANGE 27 (GW062) Prior Year Historical [47]	A		70,375.00	8	0.563	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 6) GW Completed P3As			**-**	**-**	***164.169***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
7) Completed P40As																				
7.1) SURFACE CONVENTIONAL NAVIGATION FC KITS (GW013) Prior Year Historical [48]	A		-	-	7.824	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.2) SUBMARINE CONVENTIONAL NAV FC KITS (GW013) Prior Year Historical [49]	A		-	-	20.351	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.3) SURFACE INERTIAL NAV SYS ECP/FC KITS	A		-	-	21.003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	P-1 Line Item Number / Title: 0670 / Other Navigation Equipment	Aggregated Items Title: Other Navigation Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
(GW029) Prior Year Historical [50]																				
7.4) SUBMARINE INERTIAL NAV SYS ECP/FC KITS (GW029) Prior Year Historical [51]	A		-	-	38.668	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.5) CARRIER INERTIAL NAV SYS ECP/FC KITS (GW029) Prior Year Historical [52]	A		-	-	17.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.6) SUBMARINE AN/ BPS ECDIS-N/VMS FC KITS (GW038) Prior Year Historical [53]	A		-	-	44.392	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.7) SURFACE ECDIS-N ECP/ FIELD CHANGE KITS (GW051) Prior Year Historical [54]	A		-	-	47.562	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.8) CARRIER ECDIS-N ECP/FIELD CHANGE KITS (GW051) Prior Year Historical [55]	A		-	-	5.831	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.9) AMPHIB EMERGENCY NAVIGATION LAPTOP (GW059) Prior Year Historical [56]	A		13,450.98	51	0.686	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.10) SURFACE EMERGENCY NAVIGATION LAPTOP (GW059) Prior Year Historical [57]	A		13,460.32	189	2.544	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.11) CARRIER EMERGENCY NAVIGATION LAPTOP (GW059) Prior Year Historical [58]	A		13,500.00	10	0.135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.12) SURFACE ECDIS-N MODERNIZATION	A		-	-	4.741	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	P-1 Line Item Number / Title: 0670 / Other Navigation Equipment	Aggregated Items Title: Other Navigation Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
(GW056) Prior Year Historical [59]																				
7.13) NAVIGATION SHORESITE EQUIPMENT (GW065) Prior Year Historical [60]	A		689,000.00	4	2.756	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.14) SSBN NAVIGATION SENSOR OBSOLESCENCE (GW066) Prior Year Historical [61]	A		-	-	7.745	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.15) SUBMARINE NAVIGATION CERTIFICATION SUITE (GW068) Prior Year Historical [62]	A		-	-	5.161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.16) CARRIER NAVIGATION CERTIFICATION SUITE (GW068) Prior Year Historical [63]	A		-	-	3.593	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 7) Completed P40As			**-**	**-**	***230.012***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**564.803**	**-**	**-**	**24.092**	**-**	**-**	**15.020**	**-**	**-**	**16.638**	**-**	**-**	**-**	**-**	**-**	**16.638**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

[1] SURFACE NAVIGATION TRAINING EQUIPMENT: The cost decrease from FY 2026 to FY 2027 reflects support services reductions in the Navy ECDIS training classrooms.

[2] AMPHIB NAVIGATION CERTIFICATION: Decrease from FY 2026 to FY 2027 due to fewer navigation certification events expected based on navigation fielding plans that fluctuate from year to year.

[3] SURFACE NAVIGATION CERTIFICATION: Decrease from FY 2026 to FY 2027 due to fewer navigation certification events expected based on navigation fielding plans that fluctuate from year to year.

[4] SUBMARINE NAVIGATION CERTIFICATION: Increase from FY 2026 to FY 2027 and beyond to account for inflation. Navigation certification events are based on fielding plans that fluctuate from year to year.

[5] CARRIER NAVIGATION CERTIFICATION: Increase from FY 2026 to FY 2027 due to additional navigation certification events expected based on navigation fielding plans that fluctuate from year to year.

[6] GW064: OWN SHIP SPEED (OSS) AND COURSE REPEATERS: Use of this Cost Element ended in FY17.

[7] SURFACE OSS AND COURSE REPEATERS: Funding decrease from FY 2026 and out due to no additional requirements for surface OSS and course repeaters.

[8] SURFACE NAVIGATION CERTIFICATION SUITE: Decrease from FY 2025 to FY 2026 due to decrease in procurement and engineering support requirements.

[9] AMPHIB MODERNIZATION SUPPORT (Navigation Networks): Increase in budget from FY 2026 to FY 2027 due to higher demand in engineering requirements to support (4) four installs on AMPHIB Ships for Navigation Networks. Starting in FY 2028 through FY 2031 the budget reflects a funding add for USS WASP Class Service Life Extension.

[10] AMPHIB MODERNIZATION SUPPORT: Decrease in budget from FY 2026 to FY 2027 due to reductions in NAVY ECDIS HW procurements, installs and associated support services on AMPHIB Ships.

[11] SURFACE MODERNIZATION SUPPORT: Decrease in budget from FY 2026 to FY 2027 due to reductions in NAVY ECDIS HW procurements, installs and associated support services on SURFACE Ships.

[12] SUBMARINE MODERNIZATION SUPPORT: Increase in budget from FY 2026 to FY 2027 to support an increase in procurements by (6) six units to a total of eight (8) procurements and an increase in installs by (1) one to (2) two installs for AN/WSN-7A field change upgrades for TI26 on SUBMARINES.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Aggregated Items Title:** Other Navigation Equipment

(13) CARRIER MODERNIZATION SUPPORT: Increase in budget from FY 2026 to FY 2027 to support and increase of installs by (2) two to (2) two installs of Navigation Critical Distribution System (NCDS) procured in FY 2025 on CARRIERS.
(14) GW Completed P3As
(15) Digital Depth Detector (GW067) - Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(16) NAVSSI Capstone (GW058) - Capture Prior Year Historical totals for completed P3A effort. See prior submissions for details on this completed P3A effort
(17) Next Generation Fathometer (GW060)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(18) AMPHIB AN/WSN-7B (GW036)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(19) SUBMARINE AN/WSN-7B (GW036)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(20) AMPHIB ECDIS-N FIELD CHANGES (GW051)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(21) SURFACE ECDIS-N FIELD CHANGES (GW051)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(22) CARRIER ECDIS-N FIELD CHANGES (GW051)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(23) SPEED LOGS AMPHIB AN/WSN-9 (GW055)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(24) SPEED LOGS AMPHIB SWITCHBOARD (GW055)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(25) SPEED LOGS SURFACE AN/WSN-9 (GW055)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(26) SPEED LOGS SUBMARINE AN/WSN-9 (SSBN) (GW055)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(27) SPEED LOGS SUBMARINE AN/WSN-9 (SSBN) (GW055)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(28) SPEED LOGS CARRIER AN/WSN-9 (GW055)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(29) SPEED LOGS CARRIER AN/WSN-8 TECH REFRESH (GW055)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(30) SURFACE (SABER-NAV) (GW069)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(31) MK27 REPLACEMENT SUBMARINE AN/WSN-11 (GW061)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(32) MK27 REPLACEMENT SURFACE AN/WSN-11 (GW061)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(33) AMPHIB AN/WSN-7 FIELD CHANGE 22 (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(34) SURFACE AN/WSN-7 FIELD CHANGE 22 (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(35) SURFACE AN/WSN-7 CDU TECH REFRESH EQT (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(36) SUBMARINE AN/WSN-7A FIELD CHANGE 21 (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(37) SUBMARINE AN/WSN-7A FIELD CHANGE 22 (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(38) SUBMARINE AN/WSN-7A FIELD CHANGE 23 (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(39) SUBMARINE AN/WSN-7A FIELD CHANGE 24 (TI-18) (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(40) SUBMARINE AN/WSN-7A FIELD CHANGE 26 (TI-20) (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(41) SUBMARINE AN/WSN-7 ECI (TI-16/APB-17) (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(42) SUBMARINE AN/WSN-7 ECI (TI-18/APB-19) (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(43) SUBMARINE AN/WSN-7 ECI (TI-20/APB-21) (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(44) SUBMARINE ECI 14-006-VA (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(45) SUBMARINE ECI (TI-10/12/14) (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(46) CARRIER AN/WSN-7 FIELD CHANGE 22 (GW062)- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(47) CARRIER AN/WSN-7 FIELD CHANGE 27- Completed P3A Prior Year totals. See prior year budgets for details on this P3A cost element.
(48) SURFACE CONVENTIONAL NAVIGATION FC KITS- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(49) SUBMARINE CONVENTIONAL NAV FC KITS- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(50) SURFACE INERTIAL NAV SYS ECP/FC KITS - Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(51) SUBMARINE INERTIAL NAV SYS ECP/FC KITS - Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Aggregated Items Title:** Other Navigation Equipment

(52) CARRIER INERTIAL NAV SYS ECP/FC KITS - Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(53) SUBMARINE AN/BPS ECDIS-N/VMS FC KITS - Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(54) SURFACE SCALABLE ECDIS-N ECP/ FIELD CHANGE KITS- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(55) CARRIER ECDIS-N ECP/FIELD CHANGE KITS- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(56) AMPHIB EMERGENCY NAVIGATION LAPTOP- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(57) SURFACE EMERGENCY NAVIGATION LAPTOP- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(58) CARRIER EMERGENCY NAVIGATION LAPTOP- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(59) SURFACE ECDIS-N MODERNIZATION- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(60) NAVIGATION SHORESITE EQUIPMENT- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(61) SSBN NAVIGATION SENSOR OBSOLESCENCE- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(62) SUBMARINE NAVIGATION CERTIFICATION SUITE- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.
(63) CARRIER NAVIGATION CERTIFICATION SUITE- Completed P40A Prior Year totals. See prior year budgets for details on this P40A cost element.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 1 / GW053: AN/WSN-12
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	76.553	8.885	19.879	21.817	0.000	21.817	23.010	18.636	24.384	24.296	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	76.553	8.885	19.879	21.817	0.000	21.817	23.010	18.636	24.384	24.296	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**76.553**	**8.885**	**19.879**	**21.817**	**0.000**	**21.817**	**23.010**	**18.636**	**24.384**	**24.296**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
These funds are for the procurement and installation of AN/WSN-12 Inertial Navigation System - Replacement (INS-R) on surface ships, submarines, and carriers.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 1 / GW053: AN/WSN-12
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: GW053: AN/WSN-12	**Modification Type:** AN/WSN-12	**Related RDT&E PEs:** 0607658N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: GW053: AN/WSN-12												
B Kits												
Recurring												
1.1.1) SURFACE AN/WSN-12 - NonOrganic [64]	21 / 54.380	1 / 4.162	3 / 12.748	3 / 15.096	- / -	3 / 15.096	3 / 15.413	2 / 10.491	3 / 16.067	3 / 16.405	- / -	39 / 144.762
1.1.2) SUBMARINE AN/WSN-12 - NonOrganic	5 / 11.350	1 / 2.601	2 / 5.306	2 / 5.412	- / -	2 / 5.412	2 / 5.520	2 / 5.631	2 / 5.749	2 / 5.870	Continuing	Continuing
Subtotal: Recurring	*- / 65.730*	*- / 6.763*	*- / 18.054*	*- / 20.508*	*- / -*	*- / 20.508*	*- / 20.933*	*- / 16.122*	*- / 21.816*	*- / 22.275*	*Continuing*	*Continuing*
Subtotal: GW053: AN/WSN-12	*26 / 65.730*	*2 / 6.763*	*5 / 18.054*	*5 / 20.508*	*- / -*	*5 / 20.508*	*5 / 20.933*	*4 / 16.122*	*5 / 21.816*	*5 / 22.275*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 65.730*	*- / 6.763*	*- / 18.054*	*- / 20.508*	*- / -*	*- / 20.508*	*- / 20.933*	*- / 16.122*	*- / 21.816*	*- / 22.275*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: GW053: AN/WSN-12	- / 10.823	- / 2.122	- / 1.825	- / 1.309	- / 0.000	- / 1.309	- / 2.077	- / 2.514	- / 2.568	- / 2.021	- / 6.061	- / 31.320
Subtotal: Installation	*- / 10.823*	*- / 2.122*	*- / 1.825*	*- / 1.309*	*- / -*	*- / 1.309*	*- / 2.077*	*- / 2.514*	*- / 2.568*	*- / 2.021*	*- / 6.061*	*- / 31.320*
Total												
Total Cost (Procurement + Support + Installation)	**76.553**	**8.885**	**19.879**	**21.817**	**0.000**	**21.817**	**23.010**	**18.636**	**24.384**	**24.296**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 1 / GW053: AN/WSN-12
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: GW053: AN/WSN-12

Manufacturer Information

Manufacturer Name: Multiple Vendors (65)	Manufacturer Location: Multiple
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 36

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jan 2028	Jan 2029	Jan 2030	Jan 2031	Jan 2032	Jan 2033	Jan 2034

Manufacturer Name: TBD (Surf WSN-12) (66)	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 36

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jan 2028	Jan 2029	Jan 2030	Jan 2031	Jan 2032	Jan 2033	Jan 2034

Installation Information

Method of Implementation: AIT:: Installation Name: SURFACE AN/WSN-12

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	12 / 9.216	3 / 2.122	4 / 1.082	2 / 0.000	0 / 0.000	2 / 0.000	- / -	- / -	- / -	- / -	0 / 0.000	21 / 12.420
FY 2025	- / -	- / -	- / -	0 / 0.552	0 / 0.000	0 / 0.552	1 / 0.000	- / -	- / -	- / -	0 / 0.000	1 / 0.552
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.691	3 / 0.000	- / -	- / -	0 / 0.000	3 / 1.691
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.726	3 / 0.000	- / -	0 / 0.000	3 / 1.726
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.763	3 / 0.000	0 / 0.000	3 / 1.763
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.200	2 / 0.000	2 / 1.200
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.799	3 / 1.799
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.799	3 / 1.799
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	12 / 9.216	3 / 2.122	4 / 1.082	2 / 0.552	0 / 0.000	2 / 0.552	1 / 1.691	3 / 1.726	3 / 1.763	3 / 1.200	8 / 3.598	39 / 22.950

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 1 / GW053: AN/WSN-12
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: GW053: AN/WSN-12

Installation Information

Method of Implementation: AIT:: Installation Name: SURFACE AN/WSN-12

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	12	-	-	-	3	-	4	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	3	-	-	-	3	-	-	8	39
Out	12	-	-	-	3	-	4	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	3	-	-	-	3	-	-	8	39

Method of Implementation: [none specified]:: Installation Name: SUBMARINE AN/WSN-12

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	1 / 1.607	- / -	2 / 0.743	2 / 0.757	0 / 0.000	2 / 0.757	- / -	- / -	- / -	- / -	0 / 0.000	5 / 3.107
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.386	- / -	- / -	- / -	0 / 0.000	1 / 0.386
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.788	- / -	- / -	0 / 0.000	2 / 0.788
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.805	- / -	0 / 0.000	2 / 0.805
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.821	0 / 0.000	2 / 0.821
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.821	2 / 0.821
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.821	2 / 0.821
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.821	2 / 0.821
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	- / -
Total	1 / 1.607	- / -	2 / 0.743	2 / 0.757	0 / 0.000	2 / 0.757	1 / 0.386	2 / 0.788	2 / 0.805	2 / 0.821	6 / 2.463	18 / 8.370

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	1	-	-	-	-	-	2	-	-	-	2	-	-	-	1	-	-	-	2	-	-	-	2	-	-	-	2	-	-	6	18
Out	1	-	-	-	-	-	2	-	-	-	2	-	-	-	1	-	-	-	2	-	-	-	2	-	-	-	2	-	-	6	18

Footnotes:

(64) SURFACE AN/WSN-12 PROCUREMENT: Procurement costs increased from FY 2026 to FY 2027 to account for increased unit costs from higher than usual inflation and material/labor costs.

(65) SUBMARINE AN-WSN-12 INSTALLATION:. Two planned installations in FY27.

(66) SURFACE AN-WSN-12 INSTALLATION: Reduced installation plans in FY27 are based on increased installation costs. Production Lead Time (PLT) is 36 months, install funding required one year prior to planned installations. FY27 install funding covers one install in FY28.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	P-1 Line Item Number / Title: 0670 / Other Navigation Equipment	Modification Number / Title: 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	94.429	16.797	15.518	12.089	0.000	12.089	15.333	16.910	11.432	11.141	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	94.429	16.797	15.518	12.089	0.000	12.089	15.333	16.910	11.432	11.141	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**94.429**	**16.797**	**15.518**	**12.089**	**0.000**	**12.089**	**15.333**	**16.910**	**11.432**	**11.141**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

These funds are required for the procurement and installation of Navy ECDIS hardware and software to replace legacy ECDIS-N capability on surface ships and carriers, and procurement and installation of Navy ECDIS software on submarines.

[SURFACE NAVY ECDIS HARDWARE]

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: GW056: NAVY ECDIS	**Modification Type:** NAVY ECDIS	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 2: NAVY ECDIS NON-RECURRING												
B Kits												
Non-Recurring												
1.1.1) NAVY ECDIS ACQUISITION DOCUMENTATION - Organic	- / 5.880	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.880
1.1.2) NAVY ECDIS HARDWARE - Organic (67)	- / 15.076	- / 6.628	- / 0.500	- / 0.510	- / -	- / 0.510	- / 0.520	- / 0.531	- / 0.542	- / 0.553	- / -	- / 24.860
Subtotal: Non-Recurring	*- / 20.956*	*- / 6.628*	*- / 0.500*	*- / 0.510*	*- / -*	*- / 0.510*	*- / 0.520*	*- / 0.531*	*- / 0.542*	*- / 0.553*	*- / 0.000*	*- / 30.740*
Subtotal: NAVY ECDIS NON-RECURRING	*- / 20.956*	*- / 6.628*	*- / 0.500*	*- / 0.510*	*- / -*	*- / 0.510*	*- / 0.520*	*- / 0.531*	*- / 0.542*	*- / 0.553*	*- / -*	*- / 30.740*
Modification Item 2 of 2: NAVY ECDIS PROCUREMENT												
B Kits												
Recurring												
2.1.1) NAVY ECDIS SOFTWARE PRODUCTION - Organic (68)	- / 40.374	- / 2.182	- / 0.357	- / 0.360	- / -	- / 0.360	- / 0.302	- / 0.308	- / 0.315	- / 0.321	Continuing	Continuing
2.1.2) AMPHIB NAVY ECDIS HARDWARE - NonOrganic (69)	8 / 5.221	7 / 4.012	5 / 4.571	- / -	- / -	- / -	5 / 4.756	2 / 1.940	2 / 1.981	2 / 2.022	- / -	31 / 24.503
2.1.3) AMPHIB NAVY ECDIS SOFTWARE - NonOrganic (70)	16 / 0.000	5 / 0.000	7 / 0.000	3 / 0.000	- / -	3 / 0.000	4 / 0.000	9 / 0.000	9 / 0.000	9 / 0.000	4 / 0.000	66 / 0.000
2.1.4) SURFACE NAVY ECDIS HARDWARE - NonOrganic (71)	16 / 13.557	2 / 0.688	3 / 2.743	1 / 0.933	- / -	1 / 0.933	2 / 1.902	1 / 0.971	1 / 0.991	1 / 1.012	1 / 1.033	28 / 23.830
2.1.5) SURFACE NAVY ECDIS SOFTWARE - NonOrganic (72)	47 / 0.000	6 / 0.000	11 / 0.000	2 / 0.000	- / -	2 / 0.000	7 / 0.000	7 / 0.000	7 / 0.000	7 / 0.000	8 / 0.000	102 / 0.000
2.1.6) CARRIER NAVY ECDIS HARDWARE - NonOrganic (73)	1 / 0.363	1 / 0.445	2 / 2.273	1 / 1.159	- / -	1 / 1.159	3 / 3.540	2 / 2.404	1 / 1.224	1 / 1.250	1 / 1.276	13 / 13.934
2.1.7) CARRIER NAVY ECDIS SOFTWARE - NonOrganic (74)	7 / 0.000	2 / 0.000	2 / 0.000	2 / 0.000	- / -	2 / 0.000	1 / 0.000	3 / 0.000	2 / 0.000	2 / 0.000	2 / 0.000	23 / 0.000
2.1.8) SUBMARINE NAVY ECDIS SOFTWARE SUSTAINMENT - Organic (75)	- / -	- / 1.100	- / 1.120	- / 1.140	- / -	- / 1.140	- / 1.170	- / 1.190	- / 1.215	- / 1.241	- / -	- / 8.176
Subtotal: Recurring	*- / 59.515*	*- / 8.427*	*- / 11.064*	*- / 3.592*	*- / -*	*- / 3.592*	*- / 11.670*	*- / 6.813*	*- / 5.726*	*- / 5.846*	*Continuing*	*Continuing*
Subtotal: NAVY ECDIS PROCUREMENT	*95 / 59.515*	*23 / 8.427*	*30 / 11.064*	*9 / 3.592*	*- / -*	*9 / 3.592*	*22 / 11.670*	*24 / 6.813*	*22 / 5.726*	*22 / 5.846*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 80.471*	*- / 15.055*	*- / 11.564*	*- / 4.102*	*- / -*	*- / 4.102*	*- / 12.190*	*- / 7.344*	*- / 6.268*	*- / 6.399*	*Continuing*	*Continuing*
Installation												

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: GW056: NAVY ECDIS	**Modification Type:** NAVY ECDIS	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Modification Item 2 of 2: NAVY ECDIS PROCUREMENT	- / 13.958	- / 1.742	- / 3.954	- / 7.987	- / 0.000	- / 7.987	- / 3.143	- / 9.566	- / 5.164	- / 4.742	- / 6.122	- / 56.378
Subtotal: Installation	*- / 13.958*	*- / 1.742*	*- / 3.954*	*- / 7.987*	*- / -*	*- / 7.987*	*- / 3.143*	*- / 9.566*	*- / 5.164*	*- / 4.742*	*- / 6.122*	*- / 56.378*
Total												
Total Cost (Procurement + Support + Installation)	**94.429**	**16.797**	**15.518**	**12.089**	**0.000**	**12.089**	**15.333**	**16.910**	**11.432**	**11.141**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Modification Item 1 of 2: NAVY ECDIS NON-RECURRING		

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Modification Item 2 of 2: NAVY ECDIS PROCUREMENT		

Manufacturer Information

Manufacturer Name: TBD (CARRIER NAVY ECDIS SOFTWARE) (76)				Manufacturer Location: TBD			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 0			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Delivery Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Manufacturer Name: TBD (CARRIER NAVY ECDIS HARDWARE) (77)				Manufacturer Location: TBD			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 12			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Feb 2025	Feb 2026	Feb 2027	Feb 2028	Feb 2029	Feb 2030	Feb 2031
Delivery Dates	Feb 2027	Feb 2028	Feb 2029	Feb 2030	Feb 2031	Feb 2032	Feb 2033
Manufacturer Name: TBD (AMPHIB NAVY ECDIS SOFTWARE) (78)				Manufacturer Location: CHARLOTTESVILLE, VA			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 0			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Delivery Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Manufacturer Name: TBD (SURFACE NAVY ECDIS HARDWARE) (79)				Manufacturer Location: TBD			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 12			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Feb 2025	Feb 2026	Feb 2027	Feb 2028	Feb 2029	Feb 2030	Feb 2031
Delivery Dates	Feb 2026	Feb 2028	Feb 2029	Feb 2030	Feb 2031	Feb 2032	Feb 2033
Manufacturer Name: TBD (SURFACE NAVY ECDIS SOFTWARE) (80)				Manufacturer Location: TBD			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 0			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Delivery Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Manufacturer Name: TBD (AMPHIB NAVY ECDIS HW) (81)				Manufacturer Location: TBD			
Administrative Leadtime *(in Months)*: 4				Production Leadtime *(in Months)*: 24			

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 2 of 2: NAVY ECDIS PROCUREMENT

Manufacturer Information

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Feb 2025	Feb 2026	Feb 2027	Feb 2028	Feb 2029	Feb 2030	Feb 2031
Delivery Dates	Feb 2027	Feb 2028	Feb 2029	Feb 2030	Feb 2031	Feb 2032	Feb 2033

Installation Information

Method of Implementation: AIT:: Installation Name: AMPHIB NAVY ECDIS HARDWARE

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	6 / 2.835	2 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	8 / 2.835
FY 2025	- / -	0 / 0.507	4 / 2.794	3 / 0.000	0 / 0.000	3 / 0.000	- / -	- / -	- / -	- / -	0 / 0.000	7 / 3.301
FY 2026	- / -	- / -	- / -	0 / 3.800	0 / 0.000	0 / 3.800	4 / 0.969	1 / 0.000	- / -	- / -	0 / 0.000	5 / 4.769
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 4.942	5 / 0.000	- / -	0 / 0.000	5 / 4.942
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.019	2 / 0.000	0 / 0.000	2 / 2.019
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.061	2 / 0.000	2 / 2.061
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.105	2 / 2.105
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 2.835	2 / 0.507	4 / 2.794	3 / 3.800	0 / 0.000	3 / 3.800	4 / 0.969	1 / 4.942	5 / 2.019	2 / 2.061	4 / 2.105	31 / 22.032

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	6	-	-	2	-	-	-	4	-	-	-	3	-	-	-	4	-	-	1	-	-	-	-	5	-	-	-	2	-	4	31
Out	6	-	-	2	-	-	-	4	-	-	-	3	-	-	-	4	-	-	1	-	-	-	-	5	-	-	-	2	-	4	31

Method of Implementation: AIT:: Installation Name: AMPHIB NAVY ECDIS SOFTWARE

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	16 / 0.426	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	16 / 0.426
FY 2025	- / -	5 / 0.268	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	5 / 0.268
FY 2026	- / -	- / -	7 / 0.383	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	7 / 0.383

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 2 of 2: NAVY ECDIS PROCUREMENT

Installation Information

Method of Implementation: AIT:: Installation Name: AMPHIB NAVY ECDIS SOFTWARE

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
FY 2027	- / -	- / -	- / -	3 / 0.167	0 / 0.000	3 / 0.167	- / -	- / -	- / -	- / -	0 / 0.000	3 / 0.167
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.228	- / -	- / -	- / -	0 / 0.000	4 / 0.228
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.522	- / -	- / -	0 / 0.000	9 / 0.522
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.533	- / -	0 / 0.000	9 / 0.533
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 0.544	0 / 0.000	9 / 0.544
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.237	4 / 0.237
Total	16 / 0.426	5 / 0.268	7 / 0.383	3 / 0.167	0 / 0.000	3 / 0.167	4 / 0.228	9 / 0.522	9 / 0.533	9 / 0.544	4 / 0.237	66 / 3.308

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	16	-	5	-	-	-	7	-	-	-	3	-	-	-	4	-	-	-	9	-	-	-	9	-	-	-	9	-	-	4	66
Out	16	-	5	-	-	-	7	-	-	-	3	-	-	-	4	-	-	-	9	-	-	-	9	-	-	-	9	-	-	4	66

Method of Implementation: AIT:: Installation Name: SURFACE NAVY ECDIS HARDWARE

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	16 / 8.933	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	16 / 8.933
FY 2025	- / -	0 / 0.317	2 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.317
FY 2026	- / -	- / -	- / -	0 / 2.798	0 / 0.000	0 / 2.798	3 / 0.000	- / -	- / -	- / -	0 / 0.000	3 / 2.798
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.951	1 / 0.000	- / -	- / -	0 / 0.000	1 / 0.951
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.942	2 / 0.000	- / -	0 / 0.000	2 / 1.942
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.991	1 / 0.000	0 / 0.000	1 / 0.991
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.012	1 / 0.000	1 / 1.012
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.012	1 / 1.012
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.012	1 / 1.012
Total	16 / 8.933	0 / 0.317	2 / 0.000	0 / 2.798	0 / 0.000	0 / 2.798	3 / 0.951	1 / 1.942	2 / 0.991	1 / 1.012	3 / 2.024	28 / 18.968

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 2 of 2: NAVY ECDIS PROCUREMENT

Installation Information

Method of Implementation: AIT:: Installation Name: SURFACE NAVY ECDIS HARDWARE

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	16	-	-	-	-	-	2	-	-	-	-	-	-	-	-	3	-	-	-	1	-	-	-	2	-	-	-	1	-	3	28
Out	16	-	-	-	-	-	2	-	-	-	-	-	-	-	-	3	-	-	-	1	-	-	-	2	-	-	-	1	-	3	28

Method of Implementation: AIT:: Installation Name: SURFACE NAVY ECDIS SOFTWARE

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	47 / 1.253	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	47 / 1.253
FY 2025	- / -	6 / 0.350	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	6 / 0.350
FY 2026	- / -	- / -	11 / 0.655	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	11 / 0.655
FY 2027	- / -	- / -	- / -	2 / 0.121	0 / 0.000	2 / 0.121	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.121
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.434	- / -	- / -	- / -	0 / 0.000	7 / 0.434
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.442	- / -	- / -	0 / 0.000	7 / 0.442
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.451	- / -	0 / 0.000	7 / 0.451
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.461	0 / 0.000	7 / 0.461
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.538	8 / 0.538
Total	47 / 1.253	6 / 0.350	11 / 0.655	2 / 0.121	0 / 0.000	2 / 0.121	7 / 0.434	7 / 0.442	7 / 0.451	7 / 0.461	8 / 0.538	102 / 4.705

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	47	-	6	-	-	-	11	-	-	-	2	-	-	-	7	-	-	-	7	-	-	-	7	-	-	-	7	-	-	8	102
Out	47	-	6	-	-	-	11	-	-	-	2	-	-	-	7	-	-	-	7	-	-	-	7	-	-	-	7	-	-	8	102

Method of Implementation: AIT:: Installation Name: CARRIER NAVY ECDIS HARDWARE

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	0 / 0.324	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.324

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 2 of 2: NAVY ECDIS PROCUREMENT

Installation Information

Method of Implementation: AIT:: Installation Name: CARRIER NAVY ECDIS HARDWARE

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
FY 2025	- / -	0 / 0.181	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.181
FY 2026	- / -	- / -	- / -	0 / 0.976	0 / 0.000	0 / 0.976	2 / 0.000	- / -	- / -	- / -	0 / 0.000	2 / 0.976
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.497	1 / 0.000	- / -	- / -	0 / 0.000	1 / 0.497
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.523	3 / 0.000	- / -	0 / 0.000	3 / 1.523
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.037	2 / 0.000	0 / 0.000	2 / 1.037
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.529	1 / 0.360	1 / 0.889
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.360	1 / 0.360
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.360	1 / 0.360
Total	0 / 0.324	1 / 0.181	1 / 0.000	0 / 0.976	0 / 0.000	0 / 0.976	2 / 0.497	1 / 1.523	3 / 1.037	2 / 0.529	3 / 1.080	13 / 6.147

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	2	-	3	13
Out	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	2	-	3	13

Method of Implementation: TBD:: Installation Name: CARRIER NAVY ECDIS SOFTWARE

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	7 / 0.187	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	7 / 0.187
FY 2025	- / -	2 / 0.119	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.119
FY 2026	- / -	- / -	2 / 0.122	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.122
FY 2027	- / -	- / -	- / -	2 / 0.125	0 / 0.000	2 / 0.125	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.125
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.064	- / -	- / -	- / -	0 / 0.000	1 / 0.064
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.195	- / -	- / -	0 / 0.000	3 / 0.195
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.133	- / -	0 / 0.000	2 / 0.133
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.135	0 / 0.000	2 / 0.135
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.138	2 / 0.138
Total	7 / 0.187	2 / 0.119	2 / 0.122	2 / 0.125	0 / 0.000	2 / 0.125	1 / 0.064	3 / 0.195	2 / 0.133	2 / 0.135	2 / 0.138	23 / 1.218

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 2 of 2: NAVY ECDIS PROCUREMENT

Installation Information

Method of Implementation: TBD:: Installation Name: CARRIER NAVY ECDIS SOFTWARE

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	7	-	2	-	-	-	2	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	2	-	-	-	2	-	-	2	23
Out	7	-	2	-	-	-	2	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	2	-	-	-	2	-	-	2	23

Method of Implementation (Organic): NAVY ECDIS SOFTWARE PRODUCTION - Not Installed | **Installation Quantity:** 0

Footnotes:

(67) NAVY ECDIS HARDWARE: Navy ECDIS Hardware funds are required for the procurement of a next generation Scalable Integrated Bridge System (SIBS) design as well as a new SIBS design based on DDG-class Integrated Bridge Navigation System (IBNS) for surface ships and land-based facilities. Costs reflected in exhibit 1.1.2 are not for procurement of actual Navy ECDIS HW but to fund associated activities for the procurement.

(68) NAVY ECDIS SOFTWARE PRODUCTION: Funding is for initial Navy ECDIS software production build and follow-on Navy ECDIS software builds on a two-year cycle. Costs increase from FY26 to FY27 due to inflation.

(69) AMPHIB NAVY ECDIS HARDWARE: Procurement cost decrease from FY2026 to FY2027 due to no planned procurements of Navy ECDIS HW (SIBS GEN3).

(70) AMPHIB NAVY ECDIS SOFTWARE: Quantity reflects number of hulls to be upgraded. Planned bulk license procurement as part of Navy ECDIS Software Production costs and are outlined in (CE 2.1.1). Governments owns the Navy ECDIS SW license, and therefore, there's no separate procurement cost for Navy ECDIS SW. Navy ECDIS software has no production lead-time.

(71) SURFACE NAVY ECDIS HARDWARE: Procurement cost decrease from FY 2026 to FY 2027 is due to one planned procurement of Navy ECDIS HW (SIBS GEN3).

(72) SURFACE NAVY ECDIS SOFTWARE: Quantity reflects number of hulls to be upgraded. Planned bulk license procurement as part of Navy ECDIS Software Production costs and are outlined in (CE 2.1.1). Governments owns the Navy ECDIS SW license, and therefore, there's no separate procurement cost for Navy ECDIS SW. Navy ECDIS software has no production lead-time.

(73) CARRIER NAVY ECDIS HARDWARE: Procurement cost decrease from FY26 to FY27 is due to the procurement of one Navy ECDIS HW (SIBS GEN3).

(74) CARRIER NAVY ECDIS SOFTWARE: Quantity reflects number of hulls to be upgraded. Planned bulk license procurement as part of Navy ECDIS Software Production costs and are outlined in (CE 2.1.1). Governments owns the Navy ECDIS SW license, and therefore, there's no separate procurement cost for Navy ECDIS SW. Navy ECDIS software has no production lead-time.

(75) SUBMARINE NAVY ECDIS SOFTWARE SUSTAINMENT: This line item addresses funding requirements for "submarine specific" navigation and ISEA efforts.

(76) CARRIER NAVY ECDIS SOFTWARE: Starting in FY25 contract date has moved to March of each FY. There is no contract delay. Contract award and delivery timeline was shifted to better align with the latest installation plan.

(77) CARRIER NAVY ECDIS HARDWARE: Procurement of SIBS GEN3 hardware suite to started in FY24 with installation funding required 18 months prior to installations due to AIT contract lead time. SIBS GEN3 hardware suite and prior configurations lead time is 12 months. There's no contract delay. Contract award and delivery timeline was shifted to better align with the latest installation plan.

(78) AMPHIB NAVY ECDIS SOFTWARE INSTALLATION: Starting in FY25 contract date has moved to March of each FY. There is no contract delay. Contract award and delivery timeline was shifted to better align with the latest installation plan.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 2 / GW056: NAVY ECDIS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

(79) SURFACE NAVY ECDIS HARDWARE: Procurement of SIBS GEN3 hardware suite to start in FY24 with installation funding required 18 months prior to installations due to AIT contract lead time. SIBS GEN3 hardware suite and prior configurations lead time is 12 months. Starting in FY26, a 24-month production lead time is required as a result to a new Navy ECDIS HW (NAV C1) that will be procured and fielded.

(80) SURFACE NAVY ECDIS SOFTWARE INSTALLATION: Starting in FY25 contract date has moved to March of each FY. There is no contract delay. Contract award and delivery timeline was shifted to better align with the latest installation plan.

(81) AMPHIB NAVY ECDIS HARDWARE INSTALLATION: Starting in FY25, a 24-month production lead time is in effect due to a new Navy ECDIS HW (SIBS GEN3) that will be procured and fielded. Install funding required one year prior to planned installations. FY26 install funding covers three installs in FY27.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	P-1 Line Item Number / Title: 0670 / Other Navigation Equipment	Modification Number / Title: 3 / GW061: MK 27 REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	3.160	0.332	0.169	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.661
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	3.160	0.332	0.169	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	3.661
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**3.160**	**0.332**	**0.169**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**3.661**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
These funds are required for the installation of AN/WSN-11 replacement for legacy MK27 Backup Heading Reference systems on amphibs.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 3 / GW061: MK 27 REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: GW061: MK 27 REPLACEMENT	**Modification Type:** MK 27 REPLACEMENT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: GW061: MK 27 REPLACEMENT												
B Kits												
Recurring												
1.1.1) AMPHIB AN/WSN-11 - NonOrganic [82]	14 / 1.942	1 / 0.166	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 2.108
Subtotal: Recurring	*- / 1.942*	*- / 0.166*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 2.108*
Subtotal: GW061: MK 27 REPLACEMENT	*14 / 1.942*	*1 / 0.166*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*15 / 2.108*
Subtotal: Procurement, All Modification Items	*- / 1.942*	*- / 0.166*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 2.108*
Installation												
Modification Item 1 of 1: GW061: MK 27 REPLACEMENT	- / 1.218	- / 0.166	- / 0.169	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 1.553
Subtotal: Installation	*- / 1.218*	*- / 0.166*	*- / 0.169*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 1.553*
Total												
Total Cost (Procurement + Support + Installation)	**3.160**	**0.332**	**0.169**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**3.661**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 3 / GW061: MK 27 REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: GW061: MK 27 REPLACEMENT

Manufacturer Information

Manufacturer Name: WR Systems (Amphib WSN-11) (83)	Manufacturer Location: Norfolk, VA
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 9

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025						
Delivery Dates	Oct 2025						

Manufacturer Name: WR Systems (Sub WSN-11)	Manufacturer Location: Norfolk, VA
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 6

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Manufacturer Name: WR Systems (Surf WSN-11)	Manufacturer Location: Norfolk, VA
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 9

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: AIT:: Installation Name: AMPHIB AN/WSN-11

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	13 / 1.218	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	14 / 1.218
FY 2025	- / -	0 / 0.166	1 / 0.169	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.335
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	13 / 1.218	1 / 0.166	1 / 0.169	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	15 / 1.553

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	P-1 Line Item Number / Title: 0670 / Other Navigation Equipment	Modification Number / Title: 3 / GW061: MK 27 REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Modification Item 1 of 1: GW061: MK 27 REPLACEMENT

Installation Information

Method of Implementation: AIT:: Installation Name: AMPHIB AN/WSN-11

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	13	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
Out	13	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15

Footnotes:

(82) AMPHIB AN/WSN-11: Production Lead Time (PLT) increased from 6 months to 9 months to accommodate future industrial base lead times.

(83) Install funding required one year prior to planned installations. FY25 install funding covers 1 install in FY26.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	38.849	6.780	6.068	6.076	0.000	6.076	5.495	5.239	5.347	5.461	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	38.849	6.780	6.068	6.076	0.000	6.076	5.495	5.239	5.347	5.461	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**38.849**	**6.780**	**6.068**	**6.076**	**0.000**	**6.076**	**5.495**	**5.239**	**5.347**	**5.461**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

These funds are required for the procurement and installation of field changes, upgrades, and Tech Refresh of AN/WSN-7 Inertial Navigation System on surface ships and submarines.

Field Change 28 / Technical Insertion (TI-22): GPS Enhancements
Field Change 30: Amphib- Field change removes existing equipment in conjunction with other field changes. Therefore, there's no separate costs associated with FC30. Surface - Removes excess NTDS-A Circuit Card Assemblies (CCAs) from Surface Cabinets for use in new production units.
Submarine Engineering Change Instruction (ECI): Technical Insertion/ APB updates
Submarine Field Change 29(TI-24 A/F): Removes the existing Tactical Navigation (TACNAV) Hardware (H/W) and installs TI24 TACNAV H/W that is required to support APB-23/25

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: GW062: AN/WSN-7 MODERNIZATION	**Modification Type:** AN/WSN-7 MODERNIZATION	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 3: AMPHIB FIELD CHANGES												
B Kits												
Recurring												
1.1.1) AMPHIB AN/WSN-7 FIELD CHANGE 27 - NonOrganic	30 / 3.905	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 3.905
1.1.2) AMPHIB AN/WSN-7 FIELD CHANGE 30 - NonOrganic (84)	9 / 0.000	3 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 0.000
Subtotal: Recurring	*- / 3.905*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 3.905*
Subtotal: AMPHIB FIELD CHANGES	*39 / 3.905*	*3 / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*42 / 3.905*
Modification Item 2 of 3: SURFACE FIELD CHANGES												
B Kits												
Recurring												
2.1.1) SURFACE AN/WSN-7 FIELD CHANGE 30 - NonOrganic (85)	39 / 0.000	9 / 0.000	3 / 0.000	3 / 0.000	- / -	3 / 0.000	3 / 0.000	3 / 0.000	3 / 0.000	3 / 0.000	3 / 0.000	69 / 0.000
2.1.2) SURFACE AN/WSN-7 FIELD CHANGE 27 - NonOrganic (86)	95 / 12.833	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	95 / 12.833
Subtotal: Recurring	*- / 12.833*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 12.833*
Subtotal: SURFACE FIELD CHANGES	*134 / 12.833*	*9 / 0.000*	*3 / 0.000*	*3 / 0.000*	*- / -*	*3 / 0.000*	*3 / 0.000*	*3 / 0.000*	*3 / 0.000*	*3 / 0.000*	*3 / 0.000*	*164 / 12.833*
Modification Item 3 of 3: SUBMARINE FIELD CHANGES												
B Kits												
Recurring												
3.1.1) SUBMARINE SHIPALT 4507 - Organic	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000
3.1.2) SUBMARINE AN/WSN-7A FIELD CHANGE 28 (TI-22) - NonOrganic (87)	19 / 6.011	1 / 0.369	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 6.380
3.1.3) SUBMARINE AN/WSN-7 ECI (TI-16/APB-15) - NonOrganic	2 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.000
3.1.4) SUBMARINE AN/WSN-7A ECI (TI/APB updates) - NonOrganic (88)	41 / 1.449	18 / 0.655	20 / 0.743	18 / 0.682	- / -	18 / 0.682	18 / 0.696	18 / 0.710	18 / 0.724	18 / 0.740	Continuing	Continuing
3.1.6) SUBMARINE AN/WSN-7A FC 29 (TI-24) - NonOrganic (89)	8 / 3.038	8 / 3.121	5 / 1.990	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	21 / 8.149

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: GW062: AN/WSN-7 MODERNIZATION	**Modification Type:** AN/WSN-7 MODERNIZATION	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
3.1.7) SUBMARINE AN/WSN-7A FC TBD (TI-26) - NonOrganic	- / -	1 / 0.416	2 / 0.849	8 / 3.464	- / -	8 / 3.464	6 / 2.650	6 / 2.703	6 / 2.760	6 / 2.818	Continuing	Continuing
Subtotal: Recurring	*- / 10.498*	*- / 4.561*	*- / 3.582*	*- / 4.146*	*- / -*	*- / 4.146*	*- / 3.346*	*- / 3.413*	*- / 3.484*	*- / 3.558*	*Continuing*	*Continuing*
Subtotal: SUBMARINE FIELD CHANGES	*71 / 10.498*	*28 / 4.561*	*27 / 3.582*	*26 / 4.146*	*- / -*	*26 / 4.146*	*24 / 3.346*	*24 / 3.413*	*24 / 3.484*	*24 / 3.558*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 27.236*	*- / 4.561*	*- / 3.582*	*- / 4.146*	*- / -*	*- / 4.146*	*- / 3.346*	*- / 3.413*	*- / 3.484*	*- / 3.558*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 3: AMPHIB FIELD CHANGES	- / 1.212	- / 0.129	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 1.341
Modification Item 2 of 3: SURFACE FIELD CHANGES	- / 5.458	- / 0.078	- / 0.013	- / 0.013	- / 0.000	- / 0.013	- / 0.013	- / 0.014	- / 0.014	- / 0.014	- / 0.014	- / 5.631
Modification Item 3 of 3: SUBMARINE FIELD CHANGES	- / 4.943	- / 2.012	- / 2.473	- / 1.917	- / 0.000	- / 1.917	- / 2.136	- / 1.812	- / 1.849	- / 1.889	- / 1.173	- / 20.204
Subtotal: Installation	*- / 11.613*	*- / 2.219*	*- / 2.486*	*- / 1.930*	*- / -*	*- / 1.930*	*- / 2.149*	*- / 1.826*	*- / 1.863*	*- / 1.903*	*- / 1.187*	*- / 27.176*
Total												
Total Cost (Procurement + Support + Installation)	**38.849**	**6.780**	**6.068**	**6.076**	**0.000**	**6.076**	**5.495**	**5.239**	**5.347**	**5.461**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 3: AMPHIB FIELD CHANGES

Manufacturer Information

Manufacturer Name: WR Systems (Amphib WSN-7 FIELD CHANGE 27)	Manufacturer Location: Norfolk, VA
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 6

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Manufacturer Name: N/A (Amphib WSN-7 FC30)	Manufacturer Location: N/A
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 0

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025						
Delivery Dates	Jan 2025						

Installation Information

Method of Implementation: AIT:: Installation Name: AMPHIB AN/WSN-7 FIELD CHANGE 27

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	27 / 1.174	3 / 0.116	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	30 / 1.290
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	27 / 1.174	3 / 0.116	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	30 / 1.290

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 3: AMPHIB FIELD CHANGES

Installation Information

Method of Implementation: AIT:: Installation Name: AMPHIB AN/WSN-7 FIELD CHANGE 27

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	27	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
Out	27	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30

Method of Implementation: [none specified]:: Installation Name: AMPHIB AN/WSN-7 FIELD CHANGE 30

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	9 / 0.038	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	9 / 0.038
FY 2025	- / -	3 / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 0.013
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	9 / 0.038	3 / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	12 / 0.051

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	9	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
Out	9	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 2 of 3: SURFACE FIELD CHANGES

Manufacturer Information

Manufacturer Name: N/A (Surface WSN-7 FC30)	Manufacturer Location: N/A
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 0

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031

Manufacturer Name: WR Systems (Surf WSN-7 FC 27)	Manufacturer Location: Norfolk, VA
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 6

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: AIT:: Installation Name: SURFACE AN/WSN-7 FIELD CHANGE 30

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	39 / 0.161	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	39 / 0.161
FY 2025	- / -	9 / 0.038	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	9 / 0.038
FY 2026	- / -	- / -	3 / 0.013	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 0.013
FY 2027	- / -	- / -	- / -	3 / 0.013	0 / 0.000	3 / 0.013	- / -	- / -	- / -	- / -	0 / 0.000	3 / 0.013
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.013	- / -	- / -	- / -	0 / 0.000	3 / 0.013
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.014	- / -	- / -	0 / 0.000	3 / 0.014
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.014	- / -	0 / 0.000	3 / 0.014
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.014	0 / 0.000	3 / 0.014
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.014	3 / 0.014
Total	39 / 0.161	9 / 0.038	3 / 0.013	3 / 0.013	0 / 0.000	3 / 0.013	3 / 0.013	3 / 0.014	3 / 0.014	3 / 0.014	3 / 0.014	69 / 0.294

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 2 of 3: SURFACE FIELD CHANGES

Installation Information

Method of Implementation: AIT:: Installation Name: SURFACE AN/WSN-7 FIELD CHANGE 30

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	39	-	9	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	3	-	-	3	69
Out	39	-	9	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	3	-	-	3	69

Method of Implementation: AIT:: Installation Name: SURFACE AN/WSN-7 FIELD CHANGE 27

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	94 / 5.297	1 / 0.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	95 / 5.337
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	94 / 5.297	1 / 0.040	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	95 / 5.337

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	94	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95
Out	94	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Modification Item 3 of 3: SUBMARINE FIELD CHANGES		

Manufacturer Information

Manufacturer Name: WR SYSTEMS (Sub WSN-7 FC TBD TI-26)				Manufacturer Location: NORFOLK, VA			
Administrative Leadtime *(in Months)*: 3				Production Leadtime *(in Months)*: 9			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Oct 2025	Oct 2026	Oct 2027	Oct 2028	Oct 2029	Oct 2030	Oct 2031
Manufacturer Name: WR SYSTEMS (Sub WSN-7 ECI)				Manufacturer Location: NORFOLK, VA			
Administrative Leadtime *(in Months)*: 8				Production Leadtime *(in Months)*: 4			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Jun 2025	Jun 2026	Jun 2027	Jun 2028	Jun 2029	Jun 2030	Jun 2031
Delivery Dates	Oct 2025	Oct 2026	Oct 2027	Oct 2028	Oct 2029	Oct 2030	Oct 2031
Manufacturer Name: WR SYSTEMS (Sub WSN-7 FC TBD TI-24)				Manufacturer Location: NORFOLK, VA			
Administrative Leadtime *(in Months)*: 3				Production Leadtime *(in Months)*: 9			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Jan 2025	Jan 2026					
Delivery Dates	Oct 2025	Oct 2026					
Manufacturer Name: WR SYSTEMS (Sub WSN-7 FC28)				Manufacturer Location: NORFOLK, VA			
Administrative Leadtime *(in Months)*: 3				Production Leadtime *(in Months)*: 9			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Jan 2025						
Delivery Dates	Oct 2025						
Manufacturer Name: WR Systems (Sub WSN-7 ECI TI-16/APB-15)				Manufacturer Location: Norfolk, VA			
Administrative Leadtime *(in Months)*: 3				Production Leadtime *(in Months)*: 3			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates							
Delivery Dates							

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 3 of 3: SUBMARINE FIELD CHANGES

Installation Information

Method of Implementation: AIT:: Installation Name: SUBMARINE AN/WSN-7A FIELD CHANGE 28 (TI-22)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	16 / 2.624	3 / 0.509	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	19 / 3.133
FY 2025	- / -	- / -	1 / 0.173	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.173
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	16 / 2.624	3 / 0.509	1 / 0.173	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	20 / 3.306

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	16	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
Out	16	3	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20

Method of Implementation: AIT:: Installation Name: SUBMARINE AN/WSN-7 ECI (TI-16/APB-15)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	2 / 0.326	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.326
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 3 of 3: SUBMARINE FIELD CHANGES

Installation Information

Method of Implementation: AIT:: Installation Name: SUBMARINE AN/WSN-7 ECI (TI-16/APB-15)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 0.326	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.326

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2

Method of Implementation: AIT:: Installation Name: SUBMARINE AN/WSN-7A ECI (TI/APB updates)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	21 / 1.494	20 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	41 / 1.494
FY 2025	- / -	0 / 0.655	18 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	18 / 0.655
FY 2026	- / -	- / -	0 / 0.743	20 / 0.000	0 / 0.000	20 / 0.000	- / -	- / -	- / -	- / -	0 / 0.000	20 / 0.743
FY 2027	- / -	- / -	- / -	0 / 0.682	0 / 0.000	0 / 0.682	18 / 0.000	- / -	- / -	- / -	0 / 0.000	18 / 0.682
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.696	18 / 0.000	- / -	- / -	0 / 0.000	18 / 0.696
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.710	18 / 0.000	- / -	0 / 0.000	18 / 0.710
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.724	18 / 0.000	0 / 0.000	18 / 0.724
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.740	18 / 0.000	18 / 0.740
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 0.000	18 / -
Total	21 / 1.494	20 / 0.655	18 / 0.743	20 / 0.682	0 / 0.000	20 / 0.682	18 / 0.696	18 / 0.710	18 / 0.724	18 / 0.740	36 / 0.000	187 / 6.444

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Modification Item 3 of 3: SUBMARINE FIELD CHANGES		

Installation Information

Method of Implementation: AIT:: Installation Name: SUBMARINE AN/WSN-7A ECI (TI/APB updates)

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	21	20	-	-	-	18	-	-	-	20	-	-	-	18	-	-	-	18	-	-	-	18	-	-	-	18	-	-	-	36	187
Out	21	20	-	-	-	18	-	-	-	20	-	-	-	18	-	-	-	18	-	-	-	18	-	-	-	18	-	-	-	36	187

Method of Implementation: AIT:: Installation Name: SUBMARINE AN/WSN-7A FC 29 (TI-24)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	3 / 0.499	5 / 0.848	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	8 / 1.347
FY 2025	- / -	- / -	8 / 1.384	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	8 / 1.384
FY 2026	- / -	- / -	- / -	5 / 0.882	0 / 0.000	5 / 0.882	- / -	- / -	- / -	- / -	0 / 0.000	5 / 0.882
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	3 / 0.499	5 / 0.848	8 / 1.384	5 / 0.882	0 / 0.000	5 / 0.882	- / -	- / -	- / -	- / -	0 / 0.000	21 / 3.613

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	3	5	-	-	-	8	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
Out	3	5	-	-	-	8	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 4 / GW062: AN/WSN-7 MODERNIZATION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 3 of 3: SUBMARINE FIELD CHANGES

Installation Information

Method of Implementation: AIT:: Installation Name: SUBMARINE AN/WSN-7A FC TBD (TI-26)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	1 / 0.173	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.173
FY 2026	- / -	- / -	- / -	2 / 0.353	0 / 0.000	2 / 0.353	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.353
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.440	- / -	- / -	- / -	0 / 0.000	8 / 1.440
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.102	- / -	- / -	0 / 0.000	6 / 1.102
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.125	- / -	0 / 0.000	6 / 1.125
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.149	0 / 0.000	6 / 1.149
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.173	6 / 1.173
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	- / -
Total	- / -	- / -	1 / 0.173	2 / 0.353	0 / 0.000	2 / 0.353	8 / 1.440	6 / 1.102	6 / 1.125	6 / 1.149	6 / 1.173	35 / 6.515

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	8	-	-	-	6	-	-	-	6	-	-	-	6	6	35
Out	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	8	-	-	-	6	-	-	-	6	-	-	-	6	6	35

Method of Implementation (Organic): SUBMARINE SHIPALT 4507

Installation Quantity: 1

Footnotes:

(84) AMPHIB AN/WSN-7 FIELD CHANGE 30: AMPHIB- Field change removes existing equipment in conjunction with other field changes. Therefore, there's no separate costs associated with FC30.

(85) Field Change 30: Surface- Removes excess NTDS-A Circuit Card Assemblies (CCAs) from Surface Cabinets for use in new production units.

(86) Field Change 27: CDU Tech Refresh

(87) Field Change 28 / Technical Insertion (TI-22): GPS Enhancements

(88) Submarine Engineering Change Instruction (ECI): Technical Insertion/ APB updates.

(89) Submarine Field Change 29(TI-24 A/F): Removes the existing Tactical Navigation (TACNAV) Hardware (H/W) and installs TI24 TACNAV H/W that is required to support APB-23/25.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 5 / GW070: MILITARY GLOBAL POSITIONING SYSTEM (GPS) USER EQUIPMENT (MGUE)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.473	0.271	0.331	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.075
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.473	0.271	0.331	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.075
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.473**	**0.271**	**0.331**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**1.075**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
These funds are required for the procurement of Military GPS User Equipment on submarines.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 5 / GW070: MILITARY GLOBAL POSITIONING SYSTEM (GPS) USER EQUIPMENT (MGUE)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: GW070: MILITARY GPS USER EQUIPMENT	**Modification Type:** MILITARY GPS USER EQUIPMENT	**Related RDT&E PEs:** 0607658N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: GW070: MILITARY GLOBAL POSITIONING SYSTEM (GPS) USER EQUIPMENT (MGUE)												
B Kits												
Recurring												
1.1.1) SUBMARINE MGUE - Organic (90)	18 / 0.473	10 / 0.271	12 / 0.331	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	40 / 1.075
Subtotal: Recurring	*- / 0.473*	*- / 0.271*	*- / 0.331*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 1.075*
Subtotal: GW070: MILITARY GLOBAL POSITIONING SYSTEM (GPS) USER EQUIPMENT (MGUE)	*18 / 0.473*	*10 / 0.271*	*12 / 0.331*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*40 / 1.075*
Subtotal: Procurement, All Modification Items	*- / 0.473*	*- / 0.271*	*- / 0.331*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 1.075*
Installation												
Subtotal: Installation	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*
Total												
Total Cost (Procurement + Support + Installation)	**0.473**	**0.271**	**0.331**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**1.075**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 5 / GW070: MILITARY GLOBAL POSITIONING SYSTEM (GPS) USER EQUIPMENT (MGUE)

ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**

Modification Item 1 of 1: GW070: MILITARY GLOBAL POSITIONING SYSTEM (GPS) USER EQUIPMENT (MGUE)

Manufacturer Information

Manufacturer Name: TBD (Sub MGUE)	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 6

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025						
Delivery Dates	Jul 2025						

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 0

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Footnotes:

(90) Procurement quantity increase from FY 2025 to FY 2026 is based on the system delivery requirements. This equipment is installed as part of (GW062) AN/WSN7A ECDU modernization, installation costs are reflected in TI22, TI24 and TI26.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	P-1 Line Item Number / Title: 0670 / Other Navigation Equipment	Modification Number / Title: 6 / GW071: NAVIGATION NETWORKS
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	27.136	28.307	27.161	10.968	0.000	10.968	17.879	14.010	10.269	14.229	7.647	157.606
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	27.136	28.307	27.161	10.968	0.000	10.968	17.879	14.010	10.269	14.229	7.647	157.606
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**27.136**	**28.307**	**27.161**	**10.968**	**0.000**	**10.968**	**17.879**	**14.010**	**10.269**	**14.229**	**7.647**	**157.606**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
GW071 title change from Navigation Critical Distribution System to Navigation Networks to incorporate NCDS and NDDS. These funds are required for the procurement and installation of Navigation Critical Distribution System (NCDS) and Navigation Data Distribution System (NDDS) on amphibious ships and carriers.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 6 / GW071: NAVIGATION NETWORKS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: GW071: NAVIGATION NETWORKS	**Modification Type:** GW071: NAVIGATION NETWORKS	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: GW071: NAVIGATION NETWORKS												
B Kits												
Recurring												
1.1.1) AMPHIB Navigation Critical Distribution System (NCDS) Procurement - NonOrganic	5 / 13.584	4 / 11.946	2 / 6.092	2 / 6.214	- / -	2 / 6.214	3 / 9.508	1 / 3.233	2 / 6.601	2 / 6.740	- / -	21 / 63.918
1.1.2) CARRIER - Navigation Critical Distribution System (NCDS) Procurement - NonOrganic (91)	- / -	2 / 3.086	2 / 3.148	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 6.234
1.1.3) AMPHIB Navigation Data Distribution System (NDDS) Procurement - NonOrganic (92)	5 / 7.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 7.000
Subtotal: Recurring	*- / 20.584*	*- / 15.032*	*- / 9.240*	*- / 6.214*	*- / -*	*- / 6.214*	*- / 9.508*	*- / 3.233*	*- / 6.601*	*- / 6.740*	*- / 0.000*	*- / 77.152*
Subtotal: GW071: NAVIGATION NETWORKS	*10 / 20.584*	*6 / 15.032*	*4 / 9.240*	*2 / 6.214*	*- / -*	*2 / 6.214*	*3 / 9.508*	*1 / 3.233*	*2 / 6.601*	*2 / 6.740*	*- / -*	*30 / 77.152*
Subtotal: Procurement, All Modification Items	*- / 20.584*	*- / 15.032*	*- / 9.240*	*- / 6.214*	*- / -*	*- / 6.214*	*- / 9.508*	*- / 3.233*	*- / 6.601*	*- / 6.740*	*- / 0.000*	*- / 77.152*
Installation												
Modification Item 1 of 1: GW071: NAVIGATION NETWORKS	- / 6.552	- / 13.275	- / 17.921	- / 4.754	- / 0.000	- / 4.754	- / 8.371	- / 10.777	- / 3.668	- / 7.489	- / 7.647	- / 80.454
Subtotal: Installation	*- / 6.552*	*- / 13.275*	*- / 17.921*	*- / 4.754*	*- / -*	*- / 4.754*	*- / 8.371*	*- / 10.777*	*- / 3.668*	*- / 7.489*	*- / 7.647*	*- / 80.454*
Total												
Total Cost (Procurement + Support + Installation)	**27.136**	**28.307**	**27.161**	**10.968**	**0.000**	**10.968**	**17.879**	**14.010**	**10.269**	**14.229**	**7.647**	**157.606**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 6 / GW071: NAVIGATION NETWORKS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: GW071: NAVIGATION NETWORKS

Manufacturer Information

Manufacturer Name: Multiple NDDS Vendors (93) — Manufacturer Location: Multiple

Administrative Leadtime *(in Months)*: 3 — Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jun 2025	Jun 2026					
Delivery Dates	Jun 2026	Jun 2027					

Manufacturer Name: Multiple NCDS Vendors (94) — Manufacturer Location: Multiple

Administrative Leadtime *(in Months)*: 3 — Production Leadtime *(in Months)*: 24

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	Jan 2032	Jan 2033

Manufacturer Name: Multiple Vendors — Manufacturer Location: Multiple

Administrative Leadtime *(in Months)*: 3 — Production Leadtime *(in Months)*: 24

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029		
Delivery Dates	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031		

Installation Information

Method of Implementation: AIT:: Installation Name: AMPHIB Navigation Critical Distribution System (NCDS) Procurement

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	1 / 6.552	1 / 9.956	3 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	5 / 16.508
FY 2025	- / -	0 / 3.319	1 / 8.650	3 / 0.000	0 / 0.000	3 / 0.000	- / -	- / -	- / -	- / -	0 / 0.000	4 / 11.969
FY 2026	- / -	- / -	0 / 4.890	1 / 3.453	0 / 0.000	1 / 3.453	1 / 0.000	- / -	- / -	- / -	0 / 0.000	2 / 8.343
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	0 / 7.044	2 / 0.000	- / -	- / -	0 / 0.000	2 / 7.044
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 10.777	3 / 0.000	- / -	0 / 0.000	3 / 10.777
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 3.668	1 / 0.000	0 / 0.000	1 / 3.668
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 7.489	2 / 0.000	2 / 7.489
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 7.647	2 / 7.647
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 6.552	1 / 13.275	4 / 13.540	4 / 3.453	0 / 0.000	4 / 3.453	1 / 7.044	2 / 10.777	3 / 3.668	1 / 7.489	4 / 7.647	21 / 73.445

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 6 / GW071: NAVIGATION NETWORKS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: GW071: NAVIGATION NETWORKS

Installation Information

Method of Implementation: AIT:: Installation Name: AMPHIB Navigation Critical Distribution System (NCDS) Procurement

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	1	-	-	-	1	3	-	-	1	-	3	-	1	-	-	-	1	-	-	-	2	-	-	-	3	-	-	-	1	4	21
Out	1	-	-	-	1	3	-	-	1	-	3	-	1	-	-	-	1	-	-	-	2	-	-	-	3	-	-	-	1	4	21

Method of Implementation: AIT:: Installation Name: CARRIER - Navigation Critical Distribution System (NCDS) Procurement

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	2 / 1.301	0 / 0.000	2 / 1.301	- / -	- / -	- / -	- / -	0 / 0.000	2 / 1.301
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.327	- / -	- / -	- / -	0 / 0.000	2 / 1.327
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	2 / 1.301	0 / 0.000	2 / 1.301	2 / 1.327	- / -	- / -	- / -	0 / 0.000	4 / 2.628

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
Out	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4

Method of Implementation: AIT:: Installation Name: AMPHIB Navigation Data Distribution System (NDDS) Procurement

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	3 / 0.000	2 / 4.381	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	5 / 4.381

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 6 / GW071: NAVIGATION NETWORKS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: GW071: NAVIGATION NETWORKS

Installation Information

Method of Implementation: AIT:: Installation Name: AMPHIB Navigation Data Distribution System (NDDS) Procurement

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	3 / 0.000	2 / 4.381	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	5 / 4.381

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	3	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
Out	-	-	-	-	3	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5

Footnotes:

(91) This is not a new start. This Cost Element was created to reflect funding and program responsibility transferal due to centralization of Program Acquisition Resource Manager (PARM) for navigation systems starting in FY25.

(92) For installations, funding is required one year in advance due to AIT contract lead-time. NDDS manufacturers: Lyme Computing Solutions for Siemens, Raytheon (San Diego, CA), and Brandywine (California).

(93) Production Lead Time (PLT) is 12 months, install funding required at least one year prior to planned installations. FY24 install funding covers three installs in FY25 and two installs in FY26.

(94) Production Lead Time (PLT) increased to 24 months in FY25 and beyond based on longer material lead times. Install funding required one year prior to planned installations. FY27 funding is required for planned installs in FY28. There are four planned installs in FY27 and one in FY28.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 7 / GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	15.667	8.247	9.759	10.591	0.000	10.591	10.803	11.019	11.251	11.486	2.820	91.643
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	15.667	8.247	9.759	10.591	0.000	10.591	10.803	11.019	11.251	11.486	2.820	91.643
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**15.667**	**8.247**	**9.759**	**10.591**	**0.000**	**10.591**	**10.803**	**11.019**	**11.251**	**11.486**	**2.820**	**91.643**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
These funds are required for the procurement and installation of Automated Celestial Navigation System (ACNS) on surface ships.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 7 / GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM	**Modification Type:** GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM												
B Kits												
Recurring												
1.1.1) SURFACE ACNS - NonOrganic [95]	8 / 14.835	3 / 5.799	4 / 7.886	4 / 8.044	- / -	4 / 8.044	4 / 8.205	4 / 8.369	4 / 8.545	4 / 8.724	- / -	35 / 70.407
Subtotal: Recurring	*- / 14.835*	*- / 5.799*	*- / 7.886*	*- / 8.044*	*- / -*	*- / 8.044*	*- / 8.205*	*- / 8.369*	*- / 8.545*	*- / 8.724*	*- / 0.000*	*- / 70.407*
Subtotal: GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM	*8 / 14.835*	*3 / 5.799*	*4 / 7.886*	*4 / 8.044*	*- / -*	*4 / 8.044*	*4 / 8.205*	*4 / 8.369*	*4 / 8.545*	*4 / 8.724*	*- / -*	*35 / 70.407*
Subtotal: Procurement, All Modification Items	*- / 14.835*	*- / 5.799*	*- / 7.886*	*- / 8.044*	*- / -*	*- / 8.044*	*- / 8.205*	*- / 8.369*	*- / 8.545*	*- / 8.724*	*- / 0.000*	*- / 70.407*
Installation												
Modification Item 1 of 1: GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM	- / 0.832	- / 2.448	- / 1.873	- / 2.547	- / 0.000	- / 2.547	- / 2.598	- / 2.650	- / 2.706	- / 2.762	- / 2.820	- / 21.236
Subtotal: Installation	*- / 0.832*	*- / 2.448*	*- / 1.873*	*- / 2.547*	*- / -*	*- / 2.547*	*- / 2.598*	*- / 2.650*	*- / 2.706*	*- / 2.762*	*- / 2.820*	*- / 21.236*
Total												
Total Cost (Procurement + Support + Installation)	**15.667**	**8.247**	**9.759**	**10.591**	**0.000**	**10.591**	**10.803**	**11.019**	**11.251**	**11.486**	**2.820**	**91.643**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 7 / GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: GW072: AUTOMATED CELESTIAL NAVIGATION SYSTEM

Manufacturer Information

Manufacturer Name: Multiple Vendors	Manufacturer Location: Multiple
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	Jan 2032

Installation Information

Method of Implementation: TBD:: Installation Name: SURFACE ACNS

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	4 / 0.832	4 / 2.448	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	8 / 3.280
FY 2025	- / -	- / -	3 / 1.873	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 1.873
FY 2026	- / -	- / -	- / -	4 / 2.547	0 / 0.000	4 / 2.547	- / -	- / -	- / -	- / -	0 / 0.000	4 / 2.547
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.598	- / -	- / -	- / -	0 / 0.000	4 / 2.598
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.650	- / -	- / -	0 / 0.000	4 / 2.650
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.706	- / -	0 / 0.000	4 / 2.706
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.762	0 / 0.000	4 / 2.762
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 2.820	4 / 2.820
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	4 / 0.832	4 / 2.448	3 / 1.873	4 / 2.547	0 / 0.000	4 / 2.547	4 / 2.598	4 / 2.650	4 / 2.706	4 / 2.762	4 / 2.820	35 / 21.236

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	4	-	4	-	-	-	3	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	4	-	-	4	35
Out	4	-	4	-	-	-	3	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	4	-	-	4	35

Footnotes:

(95) In FY 2027 Unit cost increased due to updated material costs from vendor as a result of higher-than-normal inflation.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 8 / GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.720	1.714	1.560	0.000	1.560	1.548	2.295	2.675	2.731	1.267	14.510
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.720	1.714	1.560	0.000	1.560	1.548	2.295	2.675	2.731	1.267	14.510
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.720**	**1.714**	**1.560**	**0.000**	**1.560**	**1.548**	**2.295**	**2.675**	**2.731**	**1.267**	**14.510**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT (TFDS-R): These funds are required for the procurement and installation of Time Frequency Distribution System-Replacement (TFDS-R) on submarines.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 8 / GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT												
B Kits												
Recurring												
1.1.1) TFDS-R Backfit - NonOrganic [96]	- / -	3 / 0.360	4 / 0.490	4 / 0.499	- / -	4 / 0.499	4 / 0.509	4 / 0.520	4 / 0.531	4 / 0.542	- / -	27 / 3.451
1.1.2) TFDS-R TI-24AF - NonOrganic [97]	- / -	3 / 0.360	5 / 0.612	1 / 0.125	- / -	1 / 0.125	4 / 0.509	7 / 0.909	7 / 0.928	7 / 0.948	- / -	34 / 4.391
Subtotal: Recurring	*- / 0.000*	*- / 0.720*	*- / 1.102*	*- / 0.624*	*- / -*	*- / 0.624*	*- / 1.018*	*- / 1.429*	*- / 1.459*	*- / 1.490*	*- / 0.000*	*- / 7.842*
Subtotal: GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT	*- / -*	*6 / 0.720*	*9 / 1.102*	*5 / 0.624*	*- / -*	*5 / 0.624*	*8 / 1.018*	*11 / 1.429*	*11 / 1.459*	*11 / 1.490*	*- / -*	*61 / 7.842*
Subtotal: Procurement, All Modification Items	*- / 0.000*	*- / 0.720*	*- / 1.102*	*- / 0.624*	*- / -*	*- / 0.624*	*- / 1.018*	*- / 1.429*	*- / 1.459*	*- / 1.490*	*- / 0.000*	*- / 7.842*
Installation												
Modification Item 1 of 1: GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT	- / 0.000	- / 0.000	- / 0.612	- / 0.936	- / 0.000	- / 0.936	- / 0.530	- / 0.866	- / 1.216	- / 1.241	- / 1.267	- / 6.668
Subtotal: Installation	*- / 0.000*	*- / -*	*- / 0.612*	*- / 0.936*	*- / -*	*- / 0.936*	*- / 0.530*	*- / 0.866*	*- / 1.216*	*- / 1.241*	*- / 1.267*	*- / 6.668*
Total												
Total Cost (Procurement + Support + Installation)	**0.000**	**0.720**	**1.714**	**1.560**	**0.000**	**1.560**	**1.548**	**2.295**	**2.675**	**2.731**	**1.267**	**14.510**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 8 / GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT

Manufacturer Information

Manufacturer Name: Brandywine	Manufacturer Location: San Diego, CA
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	Jan 2032

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 0

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Manufacturer Name: Brandywine	Manufacturer Location: San Diego CA
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	Jan 2032

Installation Information

Method of Implementation: AIT:: Installation Name: TFDS-R Backfit

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	3 / 0.306	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 0.306
FY 2026	- / -	- / -	- / -	4 / 0.416	0 / 0.000	4 / 0.416	- / -	- / -	- / -	- / -	0 / 0.000	4 / 0.416
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.424	- / -	- / -	- / -	0 / 0.000	4 / 0.424
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.433	- / -	- / -	0 / 0.000	4 / 0.433
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.442	- / -	0 / 0.000	4 / 0.442
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.451	0 / 0.000	4 / 0.451
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.461	4 / 0.461
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 8 / GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT

Installation Information

Method of Implementation: AIT:: Installation Name: TFDS-R Backfit

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Total	- / -	- / -	3 / 0.306	4 / 0.416	0 / 0.000	4 / 0.416	4 / 0.424	4 / 0.433	4 / 0.442	4 / 0.451	4 / 0.461	27 / 2.933

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	3	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	4	-	-	4	27
Out	-	-	-	-	-	-	3	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	4	-	-	4	27

Method of Implementation: AIT:: Installation Name: TFDS-R TI-24AF

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	3 / 0.306	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 0.306
FY 2026	- / -	- / -	- / -	5 / 0.520	0 / 0.000	5 / 0.520	- / -	- / -	- / -	- / -	0 / 0.000	5 / 0.520
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.106	- / -	- / -	- / -	0 / 0.000	1 / 0.106
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.433	- / -	- / -	0 / 0.000	4 / 0.433
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.774	- / -	0 / 0.000	7 / 0.774
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.790	0 / 0.000	7 / 0.790
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 0.806	7 / 0.806
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	3 / 0.306	5 / 0.520	0 / 0.000	5 / 0.520	1 / 0.106	4 / 0.433	7 / 0.774	7 / 0.790	7 / 0.806	34 / 3.735

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 8 / GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: GW073: TIME FREQUENCY DISTRIBUTION SYSTEM-REPLACEMENT

Installation Information

Method of Implementation: AIT:: Installation Name: TFDS-R TI-24AF

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	-	-	-	-	-	-	3	-	-	-	5	-	-	-	1	-	-	-	4	-	-	-	7	-	-	-	7	-	-	7	34
Out	-	-	-	-	-	-	3	-	-	-	5	-	-	-	1	-	-	-	4	-	-	-	7	-	-	-	7	-	-	7	34

Footnotes:

(96) Transition from development to production in FY25. This effort replaces the current TFDS on SSNs and SSBNs to address the obsolescence issues associated with the existing unit and provides the improvements necessary for the system to meet the combat systems and C4I performance needs on submarines.

(97) Transition from development to production in FY25. This effort replaces the current TFDS on SSNs and SSBNs to address obsolescence and provide the Precise Timing Protocol (PTP) source needed by the future payloads as well as other Cyber security enhancements for those ships not receiving a TI-24 modernization before TFDS end of life. Procurement quantity decreased from FY 2026 to FY 2027 based on the system delivery requirements.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 9 / GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	2.775	1.326	3.771	0.000	3.771	2.759	1.407	1.188	1.213	0.259	14.698
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	2.775	1.326	3.771	0.000	3.771	2.759	1.407	1.188	1.213	0.259	14.698
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**2.775**	**1.326**	**3.771**	**0.000**	**3.771**	**2.759**	**1.407**	**1.188**	**1.213**	**0.259**	**14.698**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
These funds are for the procurement and associated installations which will address obsolescence issues associated with the AN/BSN-2 Digital Depth Detector and TFDS. It also leverages updates to COLUMBIA Class architecture to remove dedicated Mission Critical Control Panel (MCCP).

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 9 / GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE												
B Kits												
Recurring												
1.1.1) SSBN Navigation Sensor Obsolescence - NonOrganic [98]	- / -	3 / 2.550	1 / 0.867	4 / 3.537	- / -	4 / 3.537	2 / 1.804	1 / 0.920	1 / 0.939	1 / 0.959	- / -	13 / 11.576
Subtotal: Recurring	*- / 0.000*	*- / 2.550*	*- / 0.867*	*- / 3.537*	*- / -*	*- / 3.537*	*- / 1.804*	*- / 0.920*	*- / 0.939*	*- / 0.959*	*- / 0.000*	*- / 11.576*
Subtotal: GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE	*- / -*	*3 / 2.550*	*1 / 0.867*	*4 / 3.537*	*- / -*	*4 / 3.537*	*2 / 1.804*	*1 / 0.920*	*1 / 0.939*	*1 / 0.959*	*- / -*	*13 / 11.576*
Subtotal: Procurement, All Modification Items	*- / 0.000*	*- / 2.550*	*- / 0.867*	*- / 3.537*	*- / -*	*- / 3.537*	*- / 1.804*	*- / 0.920*	*- / 0.939*	*- / 0.959*	*- / 0.000*	*- / 11.576*
Installation												
Modification Item 1 of 1: GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE	- / 0.000	- / 0.225	- / 0.459	- / 0.234	- / 0.000	- / 0.234	- / 0.955	- / 0.487	- / 0.249	- / 0.254	- / 0.259	- / 3.122
Subtotal: Installation	*- / 0.000*	*- / 0.225*	*- / 0.459*	*- / 0.234*	*- / -*	*- / 0.234*	*- / 0.955*	*- / 0.487*	*- / 0.249*	*- / 0.254*	*- / 0.259*	*- / 3.122*
Total												
Total Cost (Procurement + Support + Installation)	**0.000**	**2.775**	**1.326**	**3.771**	**0.000**	**3.771**	**2.759**	**1.407**	**1.188**	**1.213**	**0.259**	**14.698**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 9 / GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 0

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Manufacturer Name: WR Systems	Manufacturer Location: Norfolk VA
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	Jan 2032

Installation Information

Method of Implementation: AIT:: Installation Name: SSBN Navigation Sensor Obsolescence

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	1 / 0.225	2 / 0.459	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 0.684
FY 2026	- / -	- / -	- / -	1 / 0.234	0 / 0.000	1 / 0.234	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.234
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.955	- / -	- / -	- / -	0 / 0.000	4 / 0.955
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.487	- / -	- / -	0 / 0.000	2 / 0.487
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.249	- / -	0 / 0.000	1 / 0.249
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.254	0 / 0.000	1 / 0.254
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.259	1 / 0.259
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	1 / 0.225	2 / 0.459	1 / 0.234	0 / 0.000	1 / 0.234	4 / 0.955	2 / 0.487	1 / 0.249	1 / 0.254	1 / 0.259	13 / 3.122

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 6	**P-1 Line Item Number / Title:** 0670 / Other Navigation Equipment	**Modification Number / Title:** 9 / GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: GW066: SSBN NAVIGATION SENSOR OBSOLESCENCE

Installation Information

Method of Implementation: AIT:: Installation Name: SSBN Navigation Sensor Obsolescence

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	-	-	-	-	1	-	2	-	-	-	1	-	-	-	4	-	-	-	2	-	-	-	1	-	-	-	1	-	-	1	13
Out	-	-	-	-	1	-	2	-	-	-	1	-	-	-	4	-	-	-	2	-	-	-	1	-	-	-	1	-	-	1	13

Footnotes:

(98) Procurement quantity increase from FY 2026 to FY 2027 is based on the system delivery requirements

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	1,141.286	275.575	204.863	344.885	0.000	344.885	325.905	327.404	325.493	341.240	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,141.286	275.575	204.863	344.885	0.000	344.885	325.905	327.404	325.493	341.240	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,141.286**	**275.575**	**204.863**	**344.885**	**0.000**	**344.885**	**325.905**	**327.404**	**325.493**	**341.240**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	52.565	-	36.101	-	36.101	88.678	99.049	208.763	193.845	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Submarine Periscope, Imaging, and Support Equipment program provides critical electromagnetic systems to all classes of submarine platforms. This includes Imaging, Electronic Warfare (EW), and RADAR systems which provide navigation safety and collision avoidance, particularly in high intensity littoral operations so that surveillance and weapons systems can be effectively employed. Integrated Submarine Imaging System (ISIS) and EW BLQ-10 systems are part of the Submarine Warfare Federated Tactical Systems (SWFTS), a family of interdependent systems that conduct cooperative system development, procurement, and installations. PMS435 procures and installs ISIS and EW BLQ-10 Technical Insertion (TI) shipsets, along with the other SWFTS Participating Acquisition Resource Managers (PARMs), PMS401 (A-RCI) under BLI 2150 and PMS425 (BYG-1) under BLI 5420. SWFTS TI shipsets must be procured and installed in like quantities (except EW SSBN (OHIO)) across all PARMs to maintain the SWFTS model.

The Submarine Periscopes and Imaging Equipment Program procures ISIS including Type 18 and Type 8 periscope upgrades; the Photonics Mast and its variants, including the Type 20 and Type 24; inboard hardware kits; imaging upgrades for all submarine classes; Photonics land-based spares, depot tooling and mast maintenance equipment. ISIS supports high intensity operations in the littorals, providing the submarine force with the tactical imaging systems necessary to safely and effectively employ its surveillance and weapons capabilities. The infrared imaging capability provided by ISIS provides all weather imaging capability, improving imaging at night and in low visibility conditions. Technology Insertion initiatives include the common control and displays hardware and software on all platforms regardless of imaging sensors, an integrated imaging system that provides for operator alerts, imaging enhancement tools and contact analysis tools, incorporation of Type 20 Mast, Type 24 Mast, future sensors, and a fully Submarine Warfare Federated Tactical System (SWFTS) integrated system. Funding improves submarine imaging capability in the areas of: ship safety, Intelligence, Surveillance and Reconnaissance (ISR), and tactical control (contact management in the littorals) by providing high quality imaging 24 hours a day, 7 days a week in all weather conditions to support submarine operations worldwide.

By OPNAV Ltr Ser. N77/3U629209, 12 June 2003, OPNAV N87 established the ISIS to rapidly field these systems and integrate existing periscope imagery systems into a single system for installation on board submarines. An ISIS Capability Development Document (CDD) was approved 22 Dec 2011, with an update to the CDD approved on 15 Mar 2018 and a CDD Annex for Low Profile Digital Photonics Mast approved on 02 Dec 2019. The CDD is used to fully integrate the ISIS program of record into the submarine force's rapid technology insertion process and to incorporate Fleet-endorsed requirements such as Low Profile Photonics Mast (LPPM).

PL010 - Imaging ISIS Technical Insertion
Continues procurement, installation, and engineering of Technical Insertion kits, system training requirements, and spares to upgrade ISIS systems on LOS ANGELES, SEAWOLF, VIRGINIA, OHIO SSGN/ SSBN, and COLUMBIA Class SSBN platforms to allow for capability insertion and obsolescence avoidance. Starting with TI-16, funding includes the one time change for improved copper-fiber optic diploops and hull penetrators (Mast Compatibility) required to support advanced Imaging and early warning capabilities included in LPPM, Type 20, and Type 24 Masts.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	P-1 Line Item Number / Title: 0840 / Sub Periscope, Imaging and Supt Equip Prog	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

PL011 - Imaging Upgrades: Type 8/Type 18
Continues procurement and installation of Periscopes and Imaging Equipment reliability, capability, and maintainability upgrades, e.g., Eyepiece Box, periscope mechanical hoisting mechanism upgrades, inboard electronic processing hardware and associated Integrated Logistics Support (ILS), Robust Surveillance Program, Certification of regional repair centers for Imaging System maintenance and technical data. Variable quantities and types are bought in each fiscal year based on Fleet-endorsed requirements. Procures and installs Infrared (IR) Collision Avoidance Systems for the SSBN (OHIO) Class submarines.

PL012 - Periscope Special Support Equipment
Procures replacements in support of Special Support Equipment (SSE) for each maintenance level to ensure imaging systems are maintained in a state of operational readiness. Equipment includes Q-Band Test Equipment, Mast Dynamic Collimator, Eyebox/Mast Test Set, and Antenna/Outer Head Simulator required due to obsolescence of existing imaging systems SSE.

PL015 - Periscope Interim Contractor Support
Funding is for Interim Contract Support provided by the periscope manufacturer. The majority of the funding is for Type 18 service life extension, depot repair and upgrades for all configurations of Photonics Masts including LPPM, Type 20, and Type 24 masts. It also funds all levels of repairs for all types of tactical submarine imaging systems and establishes the Photonics National Maintenance Center (NMC) to accelerate availability and delivery of photonics masts to the fleet. FY25 begins to provide Low Profile Mast (LPM) special support equipment (SSE) and special test equipment (STE) to increase the LPM repair capability at Pearl Harbor, Hawaii to support critical U.S. Pacific Fleet (PACFLT) operations.

PL016 - Periscope Training
Funding is for imaging systems training requirements to include curriculum development, training materials, and initial factory training pilot course conduct, Navy Training Plans, and instructor advisory services.

PL025 - Low Profile Mast
Funding is for the procurement, installation, support and technical insertion of VIRGINIA and COLUMBIA Class low profile imaging masts (including LPPM, Type 20, Type 24, and Type 2S) production modules and land based spare masts and associated components. The spares will be used for replacement Imaging Masts on VIRGINIA and COLUMBIA Class submarines. Quantity of spares will increase with VIRGINIA and COLUMBIA submarine procurements. Funding is also for Mast Capability Enhancements (MCE) and System for Non-Acoustics Control of Signatures (SNACS) capabilities to provide advanced sensitive mast technologies to improve tactical operations and reduce the risk of counter detection.

PL830 - Periscope Production Engineering
Production Engineering funds provide the following functions: value engineering; review and evaluation of production design data and documentation; production configuration control; maintenance engineering efforts designed and incorporated into the production manufacturing process, and other related engineering functions that are integral to all of the Imaging Systems and ancillary components.

The Submarine Support Equipment Program (SSEP) procures submarine Electronic Warfare (EW) systems: AN/BLQ-10, Multifunction Modular Masts (MMM) Payloads, Communications Acquisition and Direction-Finding (CADF) systems, Electronic Warfare Tactical Upgrade (EWTU), Field Change Kits, Submarine Tethered Expendable Buoy (STEB), the SSBN (OHIO) Collision Avoidance System, Mission Configurable Bay (MCB) on VA Block I/II, PATRIOT and BPS 15/16/17 RADARs. The SSEP also supports all ILS, production engineering, Cyber, sustainment, and installation requirements for EW systems. The Technical Insertion/Advanced Processing Build (TI/APB) SWFTS model modernizes and sustains SSNs/SSGNs through executing bi-annual software APBs and bi-annual hardware TIs. SWFTS related annual funding varies based on the number of modernizations funded. The Submarine EW Capability Development Document (CDD) 907-97-16 was approved on 27 September 2016 and provides all requirements for Submarine EW systems. Both the EWTU and the AN/BLQ-10 are required to meet the Submarine EW CDD. Procurement of the EWTU fills the gap in CADF capability in VA BLK IV to meet the EW CDD requirements. A gap was created when the CADF production line closed at the end of VA BLK III production and the subsequent cancellation of TI-16/18 NGA contracts, which would have replaced ICADF.

ML003 - SSEP Special Support Equipment
SSEP special support equipment allows for the procurement and grooming of special purpose test equipment utilized by the Type Commander Groom Teams. Exact quantities vary from year to year based on Fleet requirements. Beginning in FY25, procures additional special support equipment (SSE), special test equipment (STE) and spares for Submarine Surveillance Equipment Program, Pacific's (SSEP PAC's) increased mission support in Guam. Funding needed to certify SSNs for Western Pacific (WESTPAC) deployments and support forward deployed operations.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	P-1 Line Item Number / Title: 0840 / Sub Periscope, Imaging and Supt Equip Prog	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

ML007 - CADF
Procures and installs the Server Based Communications Acquisition and Direction Finding (SB-CADF) systems for installation on LOS ANGELES, SEAWOLF, VIRGINIA and COLUMBIA Class submarines.

ML012 (P-40a) - SWFTS Supportability and Integration
Tech Refresh provides for software and hardware updates to accommodate shifts in technology to the execution procurement years "current state-of-the-practice" hardware. Updates are necessary for signal and display processing hardware as software is introduced or as commercial support for the hardware is phased out. The EW Engineering Measurement Program provides analytical and testing support to improve design and requirements. When EW systems are being upgraded to subsequent phases, signal processing and display hardware will be upgraded to accommodate common technology consistent with the APB being implemented in the year of introduction. In future years, requirements include additional equipment to prevent COTS hardware from becoming unsupportable/obsolete. Funding will be used to support non-recurring first article test efforts associated with changing COTS environment, procuring test equipment and simulators. Supports Government Furnished Information (GFI) management and coordination, monitoring of contractor cost, performance and schedule, cost analysis and estimation, contract specification development and monitoring of contract deliverables. Addresses the Cyber requirements associated with procuring, engineering and sustaining EW systems. Also supports EW system training requirements to include curriculum development, training materials, and initial factory training pilot course conduct, Navy Training Plans, instructor advisory services, and hardware/software upgrades for EW trainers.

ML012 (P-3a) - AN/BLQ-10 Technical Insertion
Procures and installs the AN/BLQ-10 EW system for installation on LOS ANGELES, SEAWOLF, VIRGINIA, and COLUMBIA Class submarines beginning with TI-20. AN/BLQ-10 achieves EW superiority through hardware and software updates to pace the threat and brings EW fully onto the SWFTS model. Tech insertion procures and installs the hardware necessary to upgrade and back-fit EW systems. This system will be fully aligned with SWFTS, with the exception of SSBN (OHIO) Class, and provides capabilities required by the EW Capability Development Document (CDD).

ML014 - Legacy Submarine Surveillance Measures
Continues legacy Submarine Electronic Surveillance Measures (SubESM) procurement including AN/BRD-7 and AN/WLR-8 Reliability and Maintainability (R&M) obsolescence and operational Field Change Kits and other materials for Obsolescence Mitigation, e.g., Digital Display Unit (DDU) obsolescence upgrade, Solid State Memory, Heat Dissipation improvement, related H,M&E sail components, Analog relay replacement, antenna cabling replacement, related Hull, Mechanical & Electrical (H,M&E) sail components and associated Integrated Logistics Support (ILS), and technical data.

ML017 - AN/BLQ-10 Field Change Kits
Procures and installs AN/BLQ-10 subsystem Product Improvement Field Change Kits including: emergent Engineering Changes, SWFTS associated Integrated Logistics Support (ILS) and technical data. Provides AN/BLQ-10 intermediate level repairs, changes and maintenance activities and associated materials that improve the overall Reliability, Maintainability and Availability of fielded EW systems. Procures sustainment efforts for AN/BLQ-10 active, deploying fleet assets. Provides funding for procurement and installation of the MMM Payload to support submarine Fleet required improved Unmanned Aerial System (UAS) communications and advanced EW capabilities. Procures and installs Submarine Tethered Expendable Buoy (STEB), a 3" Launcher deployed, expendable, free-floating buoy that will communicate with the submarine through a fiber-optic tether. STEB provides Indications and Warning and Third Party Targeting through imaging, communications, and Radar acquisition and direction finding. Procures and installs the Automated Range Finder (ARF) SSBN (OHIO) Class submarine Collision Avoidance System. This system will increase situational awareness while operating at periscope depth, improving the submarine's safety, stealth, and security. Also, updates the Mission Configurable Bay (MCB) on the first eight (8) Virginia Class SSNs to receive a Multifunction Modular Mast (MMM). This effort ensures all SSNs support payload required for Fleet priorities such as Submarine Launched Unmanned Aerial System (SLUAS) and other carry-on equipment.

ML021 - Submarine RADAR
Submarine RADAR funds provide AN/BPS-15/16/17 Reliability, Maintainability and Availability (RMA), Field Change Kits and material procurements for obsolescence mitigation. Provides in-service and systems engineering, logistics, material, configuration management, quality assurance, installation and test certification support only for the Submarine Surface Navigation (AN/BPS-15/16/17) RADAR. Provides for interface with the conjoined Voyage Management System (VMS) and Electronic Chart & Display Information System - Navy (ECDIS-N). Provides for AN/BPS-17 RADAR hardware and software improvements, backfit upgrades to in-service boats, and address ongoing component obsolescence issues. Funding addresses sustainability of PATRIOT Phase B RADAR including repair/refurbishment, in-service engineering, and modernization.

ML830 - EW Production Engineering

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Production Engineering funds provide the following functions: value engineering; review and evaluation of production design data and documentation; production configuration control; maintenance engineering efforts designed and incorporated into the production manufacturing process, and other related engineering functions that are integral to all production EW Systems and upgrades.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	SUBMARINE PERISCOPES & IMAGING EQUIPMENT				- / 133.298	- / 20.262	- / 17.755	- / 15.485	- / -	- / 15.485
P-40a	SUBMARINE SUPPORT EQUIPMENT PROGRAM				- / 272.757	- / 61.106	- / 65.838	- / 63.464	- / -	- / 63.464
P-3a	1 / PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS) (SHIPALT)				- / 278.980	- / 37.549	- / 16.004	- / 52.999	- / 0.000	- / 52.999
P-3a	2 / PL011 IMAGING UPGRADES: TYPE 8/TYPE 18 (ORDALT)				- / 3.785	- / 8.148	- / 3.856	- / 3.852	- / 0.000	- / 3.852
P-3a	3 / PL025 LOW PROFILE IMAGING MAST (SHIPALT)				- / 127.459	- / 44.238	- / 40.657	- / 39.864	- / 0.000	- / 39.864
P-3a	4 / ML007 CADF (SWFTS) (SHIPALT)				- / 46.764	- / 13.156	- / 1.124	- / 29.648	- / 0.000	- / 29.648
P-3a	5 / ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS) (SHIPALT)				- / 137.882	- / 47.592	- / 9.596	- / 84.638	- / 0.000	- / 84.638
P-3a	6 / ML017 AN/BLQ-10 FIELD CHANGE KITS (ORDALT)				- / 140.361	- / 43.524	- / 50.033	- / 54.935	- / 0.000	- / 54.935
P-40	**Total Gross/Weapon System Cost**				**- / 1,141.286**	**- / 275.575**	**- / 204.863**	**- / 344.885**	**- / 0.000**	**- / 344.885**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	SUBMARINE PERISCOPES & IMAGING EQUIPMENT				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	SUBMARINE SUPPORT EQUIPMENT PROGRAM				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS) (SHIPALT)				- / 44.133	- / 54.479	- / 52.609	- / 59.045	Continuing	Continuing
P-3a	2 / PL011 IMAGING UPGRADES: TYPE 8/TYPE 18 (ORDALT)				- / 3.861	- / 1.407	- / 0.479	- / 0.488	Continuing	Continuing
P-3a	3 / PL025 LOW PROFILE IMAGING MAST (SHIPALT)				- / 51.415	- / 52.443	- / 42.536	- / 43.386	Continuing	Continuing
P-3a	4 / ML007 CADF (SWFTS) (SHIPALT)				- / 22.107	- / 25.813	- / 29.656	- / 30.555	Continuing	Continuing
P-3a	5 / ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS) (SHIPALT)				- / 68.421	- / 80.126	- / 92.272	- / 96.768	- / 24.318	- / 641.613
P-3a	6 / ML017 AN/BLQ-10 FIELD CHANGE KITS (ORDALT)				- / 52.161	- / 47.638	- / 50.276	- / 50.145	Continuing	Continuing
P-40	**Total Gross/Weapon System Cost**				**- / 325.905**	**- / 327.404**	**- / 325.493**	**- / 341.240**	**Continuing**	**Continuing**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
Imaging FY27 procures Integrated Submarine Imaging System (ISIS) Submarine Warfare Federated Tactical Systems (SWFTS) shipsets for (8) VA Class submarines, (2) LA Class submarines, and (1) SSBN (OHIO) Class submarine. Imaging FY27 funds installs for ISIS SWFTS shipsets on (4) VA Class submarines. Electronic Warfare (EW) FY27 procures AN/BLQ-10 SWFTS shipsets for (8) VA Class submarines and (2) LA Class submarines. EW FY27 funds installs for AN/BLQ-10 SWFTS shipsets on (4) VA Class submarines. Both Imaging and EW funding provides backfill for (4) VA TI kits originally planned for FY26 in support of maintaining SWFTS installation profile. Beginning in FY27, an annual funding line is established for the AN/BPS-17 RADAR to support hardware and software improvements, backfit upgrades to in-service boats, and address ongoing component obsolescence issues.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Aggregated Items Title:** SUBMARINE PERISCOPES & IMAGING EQUIPMENT

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) PL012 PERISCOPE SPECIAL SUPPORT EQIPMENT																				
1.1) SPECIAL SUPPORT EQUIPMENT	A		-	-	4.685	-	-	0.640	-	-	0.653	-	-	0.666	-	-	-	-	-	0.666
Subtotal: 1) PL012 PERISCOPE SPECIAL SUPPORT EQIPMENT			**-**	**-**	***4.685***	**-**	**-**	***0.640***	**-**	**-**	***0.653***	**-**	**-**	***0.666***	**-**	**-**	**-**	**-**	**-**	***0.666***
2) PL015 PERISCOPE INTERIM CONTRACTOR SUPPORT																				
2.1) INTERIM CONTRACTOR SUPPORT	A		-	-	95.784	-	-	15.141	-	-	12.532	-	-	10.379	-	-	-	-	-	10.379
Subtotal: 2) PL015 PERISCOPE INTERIM CONTRACTOR SUPPORT			**-**	**-**	***95.784***	**-**	**-**	***15.141***	**-**	**-**	***12.532***	**-**	**-**	***10.379***	**-**	**-**	**-**	**-**	**-**	***10.379***
3) PL016 PERISCOPE TRAINING																				
3.1) TRAINING [(1)]	A		-	-	1.561	-	-	0.213	-	-	0.217	-	-	-	-	-	-	-	-	-
Subtotal: 3) PL016 PERISCOPE TRAINING			**-**	**-**	***1.561***	**-**	**-**	***0.213***	**-**	**-**	***0.217***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) PL830 PERISCOPE PRODUCTION ENGINEERING																				
4.1) PRODUCTION ENGINEERING	A		-	-	31.268	-	-	4.268	-	-	4.353	-	-	4.440	-	-	-	-	-	4.440
Subtotal: 4) PL830 PERISCOPE PRODUCTION ENGINEERING			**-**	**-**	***31.268***	**-**	**-**	***4.268***	**-**	**-**	***4.353***	**-**	**-**	***4.440***	**-**	**-**	**-**	**-**	**-**	***4.440***
Total			**-**	**-**	**133.298**	**-**	**-**	**20.262**	**-**	**-**	**17.755**	**-**	**-**	**15.485**	**-**	**-**	**-**	**-**	**-**	**15.485**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

[(1)] Beginning in FY27, PL016 Imaging Training requirement is captured in PL010 Imaging SWFTS TI Support to optimize training design and execution.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Aggregated Items Title:** SUBMARINE SUPPORT EQUIPMENT PROGRAM

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) ML003 SSEP SPECIAL SUPPORT EQUIPMENT																				
1.1) SPECIAL SUPPORT EQUIPMENT	A		-	-	2.821	-	-	4.342	-	-	4.350	-	-	1.526	-	-	-	-	-	1.526
Subtotal: 1) ML003 SSEP SPECIAL SUPPORT EQUIPMENT			**-**	**-**	***2.821***	**-**	**-**	***4.342***	**-**	**-**	***4.350***	**-**	**-**	***1.526***	**-**	**-**	**-**	**-**	**-**	***1.526***
2) ML012 SWFTS SUPPORTABILITY AND INTEGRATION																				
2.1) COTS TECH REFRESH	A		-	-	136.446	-	-	28.866	-	-	31.978	-	-	29.942	-	-	-	-	-	29.942
2.2) CYBER AND TRAINING SUPPORT	A		-	-	49.434	-	-	10.146	-	-	10.349	-	-	10.556	-	-	-	-	-	10.556
Subtotal: 2) ML012 SWFTS SUPPORTABILITY AND INTEGRATION			**-**	**-**	***185.880***	**-**	**-**	***39.012***	**-**	**-**	***42.327***	**-**	**-**	***40.498***	**-**	**-**	**-**	**-**	**-**	***40.498***
3) ML014 LEGACY SUBMARINE ELECTRONIC SURVEILLANCE MEASURES (SubESM)																				
3.1) LEGACY SubESM	A		-	-	2.888	-	-	0.325	-	-	0.325	-	-	0.325	-	-	-	-	-	0.325
Subtotal: 3) ML014 LEGACY SUBMARINE ELECTRONIC SURVEILLANCE MEASURES (SubESM)			**-**	**-**	***2.888***	**-**	**-**	***0.325***	**-**	**-**	***0.325***	**-**	**-**	***0.325***	**-**	**-**	**-**	**-**	**-**	***0.325***
4) ML021 SUBMARINE RADARs																				
4.1) SUBMARINE RADARs [(2)]	A		-	-	52.495	-	-	13.513	-	-	14.844	-	-	17.043	-	-	-	-	-	17.043
Subtotal: 4) ML021 SUBMARINE RADARs			**-**	**-**	***52.495***	**-**	**-**	***13.513***	**-**	**-**	***14.844***	**-**	**-**	***17.043***	**-**	**-**	**-**	**-**	**-**	***17.043***
5) ML830 PRODUCTION ENGINEERING																				
5.1) PRODUCTION ENGINEERING	A		-	-	28.673	-	-	3.914	-	-	3.992	-	-	4.072	-	-	-	-	-	4.072
Subtotal: 5) ML830 PRODUCTION ENGINEERING			**-**	**-**	***28.673***	**-**	**-**	***3.914***	**-**	**-**	***3.992***	**-**	**-**	***4.072***	**-**	**-**	**-**	**-**	**-**	***4.072***
Total			**-**	**-**	**272.757**	**-**	**-**	**61.106**	**-**	**-**	**65.838**	**-**	**-**	**63.464**	**-**	**-**	**-**	**-**	**-**	**63.464**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

[(2)] Funding increase in FY27 to address AN/BPS-17 improvements. Funding is required to (1) Support development of AN/BPS-17 RADAR Manager Software (BRMS) baselines to interface with improved capability sensors. (2) Procure an updated Integrated Communication Electronics (ICE) drawer to address ongoing component obsolescence issues. (3) Procure, integrate, and install improved Mast-Mounted RADAR (MMR) and Clip-On RADAR (COR) sensors as backfit upgrades to in-service boats.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 1 / PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	278.980	37.549	16.004	52.999	0.000	52.999	44.133	54.479	52.609	59.045	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	278.980	37.549	16.004	52.999	0.000	52.999	44.133	54.479	52.609	59.045	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**278.980**	**37.549**	**16.004**	**52.999**	**0.000**	**52.999**	**44.133**	**54.479**	**52.609**	**59.045**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Provides for the modernization of Imaging systems and Technical Insertion kits to upgrade Integrated Submarine Imaging System (ISIS) on LOS ANGELES, SEAWOLF, VIRGINIA, OHIO SSBN/SSGN, and COLUMBIA Class SSBN platforms in support of Intelligence, Surveillance and Reconnaissance (ISR) requirements. Unit costs for ISIS kit procurement and installation vary based on platform. VIRGINIA and COLUMBIA ISIS kits require a higher unit cost than the LOS ANGELES and SEAWOLF as they utilize technically advanced masts that require more sophisticated ISIS hardware and software to support them. Beginning with TI-16, each VIRGINIA requires a one-time critical modernization hardware update in order to field Low Profile Photonics Mast (LPPM), Type 20, and Type 24 Masts on these modernization hulls. This is known as Mast Compatibility (MC) and includes procurement of copper/fiber diploops and hull penetrators thus requiring a higher unit cost for VIRGINIA TI shipsets with MC. This line item aligns the periscope, imaging, and support equipment with the Submarine Warfare Federated Tactical System (SWFTS) PMS401 (BLI 2150) acoustic and PMS425 (BLI 5420) combat control upgrades, as well as EW AN/ BLQ-10 equipment in ML012 and EW CADF equipment in ML007 of this budget line item. SWFTS TI shipsets must be procured and installed in like quantities (except EW SSBN (OHIO)) across all PARMs to maintain the SWFTS model.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 1 / PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: ISIS TI	**Modification Type:** SHIPALT	**Related RDT&E PEs:** 0604503N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)												
B Kits												
Recurring												
1.1.1) 688/21 TECHNICAL INSERTION (SWFTS) - NonOrganic	44 / 33.765	- / -	- / -	2 / 2.674	- / -	2 / 2.674	2 / 2.728	- / -	3 / 4.257	1 / 1.447	Continuing	Continuing
1.1.2) VA TECHNICAL INSERTION with MAST COMPATIBILITY (SWFTS) - NonOrganic [3]	15 / 76.463	1 / 6.157	- / -	- / -	- / -	- / -	1 / 6.534	- / -	- / -	- / -	- / -	17 / 89.154
1.1.3) VA TECHNICAL INSERTION without MAST COMPATIBILITY (SWFTS) - NonOrganic [4]	10 / 35.971	3 / 12.318	- / -	8 / 34.176	- / -	8 / 34.176	4 / 17.428	7 / 31.108	5 / 22.665	7 / 32.368	Continuing	Continuing
1.1.4) SSBN (OHIO) BACKFIT (SWFTS) - NonOrganic	17 / 3.060	2 / 0.486	- / -	1 / 0.253	- / -	1 / 0.253	1 / 0.258	1 / 0.263	- / -	- / -	Continuing	Continuing
1.1.5) SSBN (COLUMBIA) TECHNICAL INSERTION (SWFTS) - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.444	1 / 4.533	1 / 4.624	Continuing	Continuing
Subtotal: Recurring	*- / 149.259*	*- / 18.961*	*- / -*	*- / 37.103*	*- / -*	*- / 37.103*	*- / 26.948*	*- / 35.815*	*- / 31.455*	*- / 38.439*	*Continuing*	*Continuing*
Subtotal: PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)	*86 / 149.259*	*6 / 18.961*	*- / -*	*11 / 37.103*	*- / -*	*11 / 37.103*	*8 / 26.948*	*9 / 35.815*	*9 / 31.455*	*9 / 38.439*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 149.259*	*- / 18.961*	*- / -*	*- / 37.103*	*- / -*	*- / 37.103*	*- / 26.948*	*- / 35.815*	*- / 31.455*	*- / 38.439*	*Continuing*	*Continuing*
Support *(All Modification Items)*												
2.1) ISIS TECHNICAL INSERTION NRE	- / 99.543	- / 11.542	- / 11.773	- / 12.008	- / -	- / 12.008	- / 12.248	- / 12.493	- / 12.743	- / 12.998	Continuing	Continuing
Subtotal: Support	*- / 99.543*	*- / 11.542*	*- / 11.773*	*- / 12.008*	*- / -*	*- / 12.008*	*- / 12.248*	*- / 12.493*	*- / 12.743*	*- / 12.998*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)	- / 30.178	- / 7.046	- / 4.231	- / 3.888	- / 0.000	- / 3.888	- / 4.937	- / 6.171	- / 8.411	- / 7.608	- / 9.024	- / 81.494
Subtotal: Installation	*- / 30.178*	*- / 7.046*	*- / 4.231*	*- / 3.888*	*- / -*	*- / 3.888*	*- / 4.937*	*- / 6.171*	*- / 8.411*	*- / 7.608*	*- / 9.024*	*- / 81.494*
Total												
Total Cost (Procurement + Support + Installation)	**278.980**	**37.549**	**16.004**	**52.999**	**0.000**	**52.999**	**44.133**	**54.479**	**52.609**	**59.045**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 1 / PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)

Manufacturer Information

Manufacturer Name: Lockheed Martin Corporation	Manufacturer Location: Manassas, VA
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jul 2026	Jul 2027	Jul 2028	Jul 2029	Jul 2030	Jul 2031	Jul 2032

Installation Information

Method of Implementation: AIT:: Installation Name: 688/21 TECHNICAL INSERTION (SWFTS)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	42 / 11.929	2 / 0.768	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	44 / 12.697
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.816	- / -	- / -	- / -	0 / 0.000	2 / 0.816
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.832	- / -	- / -	0 / 0.000	2 / 0.832
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.296	0 / 0.000	3 / 1.296
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.440	1 / 0.440
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	42 / 11.929	2 / 0.768	- / -	- / -	- / -	- / -	2 / 0.816	2 / 0.832	- / -	3 / 1.296	1 / 0.440	52 / 16.081

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	42	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	3	1	52
Out	42	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	3	1	52

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 1 / PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)

Installation Information

Method of Implementation: AIT:: Installation Name: VA TECHNICAL INSERTION with MAST COMPATIBILITY (SWFTS)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	13 / 11.548	2 / 2.098	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	15 / 13.646
FY 2025	- / -	- / -	1 / 1.070	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 1.070
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.135	- / -	- / -	0 / 0.000	1 / 1.135
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	13 / 11.548	2 / 2.098	1 / 1.070	- / -	- / -	- / -	- / -	1 / 1.135	- / -	- / -	0 / 0.000	17 / 15.851

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	13	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	17
Out	13	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	17

Method of Implementation: AIT:: Installation Name: VA TECHNICAL INSERTION without MAST COMPATIBILITY (SWFTS)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	6 / 4.970	4 / 3.736	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	10 / 8.706
FY 2025	- / -	- / -	3 / 2.859	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 2.859
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	4 / 3.888	0 / 0.000	4 / 3.888	4 / 3.964	- / -	- / -	- / -	0 / 0.000	8 / 7.852
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 4.044	- / -	- / -	0 / 0.000	4 / 4.044
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 7.217	- / -	0 / 0.000	7 / 7.217
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 5.260	0 / 0.000	5 / 5.260
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 7.511	7 / 7.511

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 1 / PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)

Installation Information

Method of Implementation: AIT:: Installation Name: VA TECHNICAL INSERTION without MAST COMPATIBILITY (SWFTS)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 4.970	4 / 3.736	3 / 2.859	4 / 3.888	0 / 0.000	4 / 3.888	4 / 3.964	4 / 4.044	7 / 7.217	5 / 5.260	7 / 7.511	44 / 43.449

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	6	-	-	-	4	-	-	-	3	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	7	-	-	-	5	7	44
Out	6	-	-	-	4	-	-	-	3	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	7	-	-	-	5	7	44

Method of Implementation: AIT:: Installation Name: SSBN (OHIO) BACKFIT (SWFTS)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	14 / 1.731	3 / 0.444	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	17 / 2.175
FY 2025	- / -	- / -	2 / 0.302	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.302
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.157	- / -	- / -	- / -	0 / 0.000	1 / 0.157
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.160	- / -	- / -	0 / 0.000	1 / 0.160
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.163	- / -	0 / 0.000	1 / 0.163
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	14 / 1.731	3 / 0.444	2 / 0.302	- / -	- / -	- / -	1 / 0.157	1 / 0.160	1 / 0.163	- / -	0 / 0.000	22 / 2.957

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 1 / PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)

Installation Information

Method of Implementation: AIT:: Installation Name: SSBN (OHIO) BACKFIT (SWFTS)

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	14	-	-	-	3	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	22
Out	14	-	-	-	3	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	22

Method of Implementation: AIT:: Installation Name: SSBN (COLUMBIA) TECHNICAL INSERTION (SWFTS)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.031	- / -	0 / 0.000	1 / 1.031
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.052	0 / 0.000	1 / 1.052
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.073	1 / 1.073
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.031	1 / 1.052	1 / 1.073	3 / 3.156

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	3
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	3

Footnotes:

(3) The VA TI with Mast Compatibility (MC) kit is a one-time critical modernization hardware upgrade required for every VA platform and includes funding for the procurement of the Common Electrical Hull Penetrator and Common Dip Loop which is required for TI-16 and beyond installations. The Common Electrical Hull Penetrator and Common Dip Loop provides the required interface for current photonics masts, including the LPPM and supports all future mast types. As a result, unit cost is higher than VA TI without MC.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 1 / PL010 - IMAGING ISIS TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

(4) FY27 funding provides backfill for four VA TI kits originally planned for FY26 in support of maintaining SWFTS installation profile. VA Technical Insertion without Mast Compatibility (MC), documented in 1.1.3 procures hardware required for TI installations on platforms which have already received the Common Electrical Hull Penetrator and Common Dip Loop during a prior modernization or during new construction. Unit cost is higher than 688/21 TI due to greater processing and larger footprint.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 2 / PL011 IMAGING UPGRADES: TYPE 8/TYPE 18
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	3.785	8.148	3.856	3.852	0.000	3.852	3.861	1.407	0.479	0.488	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	3.785	8.148	3.856	3.852	0.000	3.852	3.861	1.407	0.479	0.488	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**3.785**	**8.148**	**3.856**	**3.852**	**0.000**	**3.852**	**3.861**	**1.407**	**0.479**	**0.488**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Provides the procurement and installation of obsolescence related upgrades for Submarine Periscopes. One (1) set includes variable quantities and types based on Fleet-endorsed requirements.

Procures and installs the Infrared (IR) Collision Avoidance System for the SSBN (OHIO) Class submarines.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 2 / PL011 IMAGING UPGRADES: TYPE 8/TYPE 18
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: TYPE 8/TYPE 18	**Modification Type:** ORDALT	**Related RDT&E PEs:** 0604777N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: PL011 IMAGING UPGRADES: TYPE 8/TYPE 18												
B Kits												
Recurring												
1.1.1) TYPE 8/TYPE 18 - NonOrganic	75 / 2.769	1 / 0.294	1 / 0.300	1 / 0.306	- / -	1 / 0.306	1 / 0.312	1 / 0.318	1 / 0.324	1 / 0.330	Continuing	Continuing
1.1.2) SSBN OHIO Collision Avoidance Infrared (IR) - NonOrganic [5]	- / -	8 / 4.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 4.200
Subtotal: Recurring	*- / 2.769*	*- / 4.494*	*- / 0.300*	*- / 0.306*	*- / -*	*- / 0.306*	*- / 0.312*	*- / 0.318*	*- / 0.324*	*- / 0.330*	*Continuing*	*Continuing*
Subtotal: PL011 IMAGING UPGRADES: TYPE 8/TYPE 18	*75 / 2.769*	*9 / 4.494*	*1 / 0.300*	*1 / 0.306*	*- / -*	*1 / 0.306*	*1 / 0.312*	*1 / 0.318*	*1 / 0.324*	*1 / 0.330*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 2.769*	*- / 4.494*	*- / 0.300*	*- / 0.306*	*- / -*	*- / 0.306*	*- / 0.312*	*- / 0.318*	*- / 0.324*	*- / 0.330*	*Continuing*	*Continuing*
Support *(All Modification Items)*												
2.1) SSBN OHIO Collision Avoidance (IR)	- / -	- / 3.514	- / 3.013	- / 2.788	- / -	- / 2.788	- / 2.776	- / 0.937	- / -	- / -	- / -	- / 13.028
Subtotal: Support	*- / 0.000*	*- / 3.514*	*- / 3.013*	*- / 2.788*	*- / -*	*- / 2.788*	*- / 2.776*	*- / 0.937*	*- / -*	*- / -*	*- / 0.000*	*- / 13.028*
Installation												
Modification Item 1 of 1: PL011 IMAGING UPGRADES: TYPE 8/TYPE 18	- / 1.016	- / 0.140	- / 0.543	- / 0.758	- / 0.000	- / 0.758	- / 0.773	- / 0.152	- / 0.155	- / 0.158	- / 0.161	- / 3.856
Subtotal: Installation	*- / 1.016*	*- / 0.140*	*- / 0.543*	*- / 0.758*	*- / -*	*- / 0.758*	*- / 0.773*	*- / 0.152*	*- / 0.155*	*- / 0.158*	*- / 0.161*	*- / 3.856*
Total												
Total Cost (Procurement + Support + Installation)	**3.785**	**8.148**	**3.856**	**3.852**	**0.000**	**3.852**	**3.861**	**1.407**	**0.479**	**0.488**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 2 / PL011 IMAGING UPGRADES: TYPE 8/TYPE 18

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 1: PL011 IMAGING UPGRADES: TYPE 8/TYPE 18

Manufacturer Information

Manufacturer Name: Multiple Vendors (TYPE 8/TYPE 18) — Manufacturer Location: Various

Administrative Leadtime *(in Months)*: 6 — Production Leadtime *(in Months)*: 14

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Delivery Dates	May 2026	May 2027	May 2028	May 2029	May 2030	May 2031	May 3032

Manufacturer Name: TBD (SSBN OHIO Collision Avoidance IR) (6) — Manufacturer Location: Various

Administrative Leadtime *(in Months)*: 6 — Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Mar 2025						
Delivery Dates	Mar 2026						

Installation Information

Method of Implementation: AIT:: Installation Name: TYPE 8/TYPE 18

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	74 / 1.016	1 / 0.140	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	75 / 1.156
FY 2025	- / -	- / -	1 / 0.143	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.143
FY 2026	- / -	- / -	- / -	1 / 0.146	0 / 0.000	1 / 0.146	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.146
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.149	- / -	- / -	- / -	0 / 0.000	1 / 0.149
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.152	- / -	- / -	0 / 0.000	1 / 0.152
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.155	- / -	0 / 0.000	1 / 0.155
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.158	0 / 0.000	1 / 0.158
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.161	1 / 0.161
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	74 / 1.016	1 / 0.140	1 / 0.143	1 / 0.146	0 / 0.000	1 / 0.146	1 / 0.149	1 / 0.152	1 / 0.155	1 / 0.158	1 / 0.161	82 / 2.220

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 2 / PL011 IMAGING UPGRADES: TYPE 8/TYPE 18

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 1: PL011 IMAGING UPGRADES: TYPE 8/TYPE 18

Installation Information

Method of Implementation: AIT:: Installation Name: TYPE 8/TYPE 18

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	74	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	1	82
Out	74	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	1	82

Method of Implementation: AIT:: Installation Name: SSBN OHIO Collision Avoidance Infrared (IR)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	2 / 0.400	3 / 0.612	0 / 0.000	3 / 0.612	3 / 0.624	- / -	- / -	- / -	0 / 0.000	8 / 1.636
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	2 / 0.400	3 / 0.612	0 / 0.000	3 / 0.612	3 / 0.624	- / -	- / -	- / -	0 / 0.000	8 / 1.636

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	-	-	-	-	-	-	2	-	-	-	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	-	-	-	-	-	-	2	-	-	-	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

Footnotes:

(5) Funding required in FY25 to procure QTY (8) Infrared (IR) Collision Avoidance Systems for 8 SSBN (OHIO) Class submarines. This new capability will increase situational awareness for SSBNs when operating at periscope depth, thereby improving submarine safety, stealth, and security. All 8 systems will be procured in FY25 to realize quantity cost savings and installed over the following 3 years as platform schedules allow.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 2 / PL011 IMAGING UPGRADES: TYPE 8/TYPE 18
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

(6) One time buy in FY25 realizes quantity cost savings in support of installations planned for FY26/27/28.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 3 / PL025 LOW PROFILE IMAGING MAST
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	127.459	44.238	40.657	39.864	0.000	39.864	51.415	52.443	42.536	43.386	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	127.459	44.238	40.657	39.864	0.000	39.864	51.415	52.443	42.536	43.386	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**127.459**	**44.238**	**40.657**	**39.864**	**0.000**	**39.864**	**51.415**	**52.443**	**42.536**	**43.386**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

VA and CLB Class advanced low profile imaging masts including Low Profile Photonics Mast (LPPM), Type 20, Type 24 and Type 2S masts. Procures and installs initial modernization assets as well as spare masts to maintain overall spares ratio for photonics masts as quantity of VA and CLB Class submarines increase and special support tooling to enable the maintenance and repair of such masts at Regional Repair Centers. Maintaining sufficient quantities of installed and spare low profile imaging masts is essential to meet Fleet requirements for all deploying VA and CLB class submarines to be equipped with low profile imaging masts. Procure support equipment to allow repair of low profile masts at Regional Repair Centers which reduces Mean Time to Repair, thereby increasing Operational Availability of Low Profile Masts to meet Fleet requirements. Includes equipment comprising of module test set, alignment fixtures, test equipment, and repair tooling. PL025 funds Mast Capability Enhancements (MCE) and System for Non-Acoustics Control of Signatures (SNACS) capabilities to provide advanced sensitive mast technologies to improve tactical operations and reduce the risk of counter detection.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 3 / PL025 LOW PROFILE IMAGING MAST
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: Photonics Mast	**Modification Type:** SHIPALT	**Related RDT&E PEs:** 0604777N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: PL025 LOW PROFILE IMAGING MAST												
B Kits												
Recurring												
1.1.1) TYPE 20 MAST - NonOrganic	8 / 76.196	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 76.196
1.1.2) TYPE 24 MAST - NonOrganic	- / -	2 / 20.262	2 / 20.668	2 / 21.082	- / -	2 / 21.082	3 / 32.256	3 / 32.901	- / -	- / -	- / -	12 / 127.169
1.1.3) TYPE 2S MAST - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 22.372	2 / 22.820	Continuing	Continuing
1.1.4) MAST CAPABILITY ENHANCEMENT - NonOrganic [7]	12 / 5.394	6 / 2.778	6 / 2.832	6 / 2.886	- / -	6 / 2.886	6 / 2.946	6 / 3.006	6 / 3.066	6 / 3.126	Continuing	Continuing
Subtotal: Recurring	*- / 81.590*	*- / 23.040*	*- / 23.500*	*- / 23.968*	*- / - /*	*- / 23.968*	*- / 35.202*	*- / 35.907*	*- / 25.438*	*- / 25.946*	*Continuing*	*Continuing*
Subtotal: PL025 LOW PROFILE IMAGING MAST	*20 / 81.590*	*8 / 23.040*	*8 / 23.500*	*8 / 23.968*	*- / - /*	*8 / 23.968*	*9 / 35.202*	*9 / 35.907*	*8 / 25.438*	*8 / 25.946*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 81.590*	*- / 23.040*	*- / 23.500*	*- / 23.968*	*- / - /*	*- / 23.968*	*- / 35.202*	*- / 35.907*	*- / 25.438*	*- / 25.946*	*Continuing*	*Continuing*
Support *(All Modification Items)*												
2.1) LPM NRE	- / 44.555	- / 20.262	- / 16.845	- / 15.142	- / -	- / 15.142	- / 15.445	- / 15.754	- / 16.069	- / 16.390	Continuing	Continuing
Subtotal: Support	*- / 44.555*	*- / 20.262*	*- / 16.845*	*- / 15.142*	*- / - /*	*- / 15.142*	*- / 15.445*	*- / 15.754*	*- / 16.069*	*- / 16.390*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: PL025 LOW PROFILE IMAGING MAST	- / 1.314	- / 0.936	- / 0.312	- / 0.754	- / 0.000	- / 0.754	- / 0.768	- / 0.782	- / 1.029	- / 1.050	- / 1.321	- / 8.266
Subtotal: Installation	*- / 1.314*	*- / 0.936*	*- / 0.312*	*- / 0.754*	*- / - /*	*- / 0.754*	*- / 0.768*	*- / 0.782*	*- / 1.029*	*- / 1.050*	*- / 1.321*	*- / 8.266*
Total												
Total Cost (Procurement + Support + Installation)	**127.459**	**44.238**	**40.657**	**39.864**	**0.000**	**39.864**	**51.415**	**52.443**	**42.536**	**43.386**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 3 / PL025 LOW PROFILE IMAGING MAST
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: PL025 LOW PROFILE IMAGING MAST

Manufacturer Information

Manufacturer Name: L3 KEO (TYPE 24 Single-Source Procurement)				Manufacturer Location: Northampton, MA			
Administrative Leadtime *(in Months)*: 6				Production Leadtime *(in Months)*: 24			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Sep 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029		
Delivery Dates	Sep 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031		
Manufacturer Name: Various (MCE)				Manufacturer Location: Various			
Administrative Leadtime *(in Months)*: 6				Production Leadtime *(in Months)*: 12			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Delivery Dates	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031	Mar 2032
Manufacturer Name: TBD (TYPE 2S Competitive Procurement)				Manufacturer Location: TBD (Competitive Procurement)			
Administrative Leadtime *(in Months)*: 6				Production Leadtime *(in Months)*: 24			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates						Mar 2030	Mar 2031
Delivery Dates						Mar 2032	Mar 2033

Installation Information

Method of Implementation: AIT:: Installation Name: TYPE 20 MAST

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	5 / 1.014	3 / 0.630	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	8 / 1.644
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	5 / 1.014	3 / 0.630	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	8 / 1.644

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 3 / PL025 LOW PROFILE IMAGING MAST
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: PL025 LOW PROFILE IMAGING MAST

Installation Information

Method of Implementation: AIT:: Installation Name: TYPE 20 MAST

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	5	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	5	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

Method of Implementation: AIT:: Installation Name: TYPE 24 MAST

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	2 / 0.436	0 / 0.000	2 / 0.436	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.436
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.444	- / -	- / -	- / -	0 / 0.000	2 / 0.444
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.452	- / -	- / -	0 / 0.000	2 / 0.452
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.693	- / -	0 / 0.000	3 / 0.693
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.708	0 / 0.000	3 / 0.708
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	2 / 0.436	0 / 0.000	2 / 0.436	2 / 0.444	2 / 0.452	3 / 0.693	3 / 0.708	0 / 0.000	12 / 2.733

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-	1	1	-	-	1	1	1	-	1	1	1	-	12
Out	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-	1	1	-	-	1	1	1	-	1	1	1	-	12

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 3 / PL025 LOW PROFILE IMAGING MAST
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: PL025 LOW PROFILE IMAGING MAST

Installation Information

Method of Implementation: AIT:: Installation Name: TYPE 2S MAST

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.481	2 / 0.481
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.491	2 / 0.491
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.972	4 / 0.972

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4

Method of Implementation: [none specified]:: Installation Name: MAST CAPABILITY ENHANCEMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	6 / 0.300	6 / 0.306	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	12 / 0.606
FY 2025	- / -	- / -	6 / 0.312	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	6 / 0.312
FY 2026	- / -	- / -	- / -	6 / 0.318	0 / 0.000	6 / 0.318	- / -	- / -	- / -	- / -	0 / 0.000	6 / 0.318
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.324	- / -	- / -	- / -	0 / 0.000	6 / 0.324
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.330	- / -	- / -	0 / 0.000	6 / 0.330
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.336	- / -	0 / 0.000	6 / 0.336
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.342	0 / 0.000	6 / 0.342
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.349	6 / 0.349

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 3 / PL025 LOW PROFILE IMAGING MAST
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Modification Item 1 of 1: PL025 LOW PROFILE IMAGING MAST		

Installation Information

Method of Implementation: [none specified]:: Installation Name: MAST CAPABILITY ENHANCEMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 0.300	6 / 0.306	6 / 0.312	6 / 0.318	0 / 0.000	6 / 0.318	6 / 0.324	6 / 0.330	6 / 0.336	6 / 0.342	6 / 0.349	54 / 2.917

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	6	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	6	54
Out	6	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	6	54

Footnotes:

(7) Mast Capability Enhancement (MCE) back-fits legacy photonics masts to provide advanced sensitive technologies for tactical operations.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0840 / Sub Periscope, Imaging and Supt Equip Prog	Modification Number / Title: 4 / ML007 CADF (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	46.764	13.156	1.124	29.648	0.000	29.648	22.107	25.813	29.656	30.555	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	46.764	13.156	1.124	29.648	0.000	29.648	22.107	25.813	29.656	30.555	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**46.764**	**13.156**	**1.124**	**29.648**	**0.000**	**29.648**	**22.107**	**25.813**	**29.656**	**30.555**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Provides advanced low-band Direction Finding (DF) capability compatible with the AN/BLQ-10 EW system. The ICADF system is experiencing increasing failures and obsolescence issues shown in Operation Availability and Reliability, Maintainability, Availability analyses. Beginning in FY22 with TI-22, the ICADF system will be replaced by a new CADF solution integrated with the AN/BLQ-10 system. This new CADF solution uses server-based technology to replace obsolete and unsupportable analog systems. This upgrade is part of the drive to digitize the submarine EW systems which allows these systems to be upgraded more rapidly and cheaply through software solutions. This cost code incorporates the CADF equipment with the AN/BLQ-10 equipment in ML012. Therefore, CADF is a part of the SWFTS TI shipset and must be procured and installed in like quantities (except EW SSBN (OHIO) Class) across all PARMs to maintain the SWFTS model. EW does not do upgrades on SSBN (OHIO) Class ships. This is the only SWFTS subsystem that does not participate in SSBN (OHIO) TI/APB upgrades.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 4 / ML007 CADF (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: CADF	**Modification Type:** SHIPALT	**Related RDT&E PEs:** 0604503N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: ML007 CADF (SWFTS)												
B Kits												
Recurring												
1.1.1) CADF - NonOrganic [8]	18 / 44.224	4 / 10.956	- / -	10 / 28.500	- / -	10 / 28.500	7 / 20.349	8 / 23.720	9 / 27.216	9 / 27.756	Continuing	Continuing
Subtotal: Recurring	*- / 44.224*	*- / 10.956*	*- / -*	*- / 28.500*	*- / -*	*- / 28.500*	*- / 20.349*	*- / 23.720*	*- / 27.216*	*- / 27.756*	*Continuing*	*Continuing*
Subtotal: ML007 CADF (SWFTS)	*18 / 44.224*	*4 / 10.956*	*- / -*	*10 / 28.500*	*- / -*	*10 / 28.500*	*7 / 20.349*	*8 / 23.720*	*9 / 27.216*	*9 / 27.756*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 44.224*	*- / 10.956*	*- / -*	*- / 28.500*	*- / -*	*- / 28.500*	*- / 20.349*	*- / 23.720*	*- / 27.216*	*- / 27.756*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: ML007 CADF (SWFTS)	- / 2.540	- / 2.200	- / 1.124	- / 1.148	- / 0.000	- / 1.148	- / 1.758	- / 2.093	- / 2.440	- / 2.799	- / 2.854	- / 18.956
Subtotal: Installation	*- / 2.540*	*- / 2.200*	*- / 1.124*	*- / 1.148*	*- / -*	*- / 1.148*	*- / 1.758*	*- / 2.093*	*- / 2.440*	*- / 2.799*	*- / 2.854*	*- / 18.956*
Total												
Total Cost (Procurement + Support + Installation)	**46.764**	**13.156**	**1.124**	**29.648**	**0.000**	**29.648**	**22.107**	**25.813**	**29.656**	**30.555**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 4 / ML007 CADF (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: ML007 CADF (SWFTS)

Manufacturer Information

Manufacturer Name: Lockheed Martin	Manufacturer Location: Syracuse, NY
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jul 2026	Jul 2027	Jul 2028	Jul 2029	Jul 2030	Jul 2031	Jul 2032

Installation Information

Method of Implementation: AIT:: Installation Name: CADF

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	10 / 2.540	8 / 2.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	18 / 4.740
FY 2025	- / -	- / -	4 / 1.124	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	4 / 1.124
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	4 / 1.148	0 / 0.000	4 / 1.148	6 / 1.758	- / -	- / -	- / -	0 / 0.000	10 / 2.906
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 2.093	- / -	- / -	0 / 0.000	7 / 2.093
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.440	- / -	0 / 0.000	8 / 2.440
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.799	0 / 0.000	9 / 2.799
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.854	9 / 2.854
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	10 / 2.540	8 / 2.200	4 / 1.124	4 / 1.148	0 / 0.000	4 / 1.148	6 / 1.758	7 / 2.093	8 / 2.440	9 / 2.799	9 / 2.854	65 / 18.956

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	10	-	-	-	8	-	-	-	4	-	-	-	4	-	-	-	6	-	-	-	7	-	-	-	8	-	-	-	9	9	65
Out	10	-	-	-	8	-	-	-	4	-	-	-	4	-	-	-	6	-	-	-	7	-	-	-	8	-	-	-	9	9	65

Footnotes:

(8) FY27 funding provides backfill for four VA TI kits originally planned for FY26 in support of maintaining SWFTS installation profile.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 5 / ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	137.882	47.592	9.596	84.638	0.000	84.638	68.421	80.126	92.272	96.768	24.318	641.613
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	137.882	47.592	9.596	84.638	0.000	84.638	68.421	80.126	92.272	96.768	24.318	641.613
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**137.882**	**47.592**	**9.596**	**84.638**	**0.000**	**84.638**	**68.421**	**80.126**	**92.272**	**96.768**	**24.318**	**641.613**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Procures and installs the AN/BLQ-10 EW system for installation on LOS ANGELES, SEAWOLF, VIRGINIA, and COLUMBIA SSBN Class submarines beginning with TI-20. AN/BLQ-10 achieves EW superiority through hardware and software updates to pace the threat and brings EW fully onto the SWFTS model. Tech insertion procures the hardware necessary to upgrade and back-fit EW systems. This system will be fully aligned with SWFTS with the exception of SSBN (OHIO) Class and provides capabilities required by the EW Capability Development Document (CDD). Starting with TI-20, the AN/BLQ-10 is a more complex design over previous system resulting in a higher unit cost. NRE costs have been broken out from shipset costs consistent with the other SWFTS subsystems (SSN Acoustic Equipment, SSN Combat Control Systems, and Imaging Systems) who use the SWFTS model. This line item aligns the AN/BLQ-10 equipment with the Submarine Warfare Federated Tactical System (SWFTS) PMS401 (BLI 2150) acoustic and PMS425 (BLI 5420) combat control upgrades, as well as Imaging equipment in PL010 and CADF equipment in ML007 of this budget line item. SWFTS TI shipsets must be procured and installed in like quantities (except EW SSBN (OHIO) Class) across all PARMs to maintain the SWFTS model. EW does not do upgrades on SSBN (OHIO) Class ships. This is the only SWFTS subsystem that does not participate in SSBN (OHIO) TI/APB upgrades.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 5 / ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: TECHNICAL INSERTION	**Modification Type:** SHIPALT	**Related RDT&E PEs:** 0604503N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)												
A Kits												
Recurring												
1.1.1) TI 688/21 Class - NonOrganic	12 / 76.948	- / -	- / -	2 / 14.970	- / -	2 / 14.970	2 / 15.270	- / -	3 / 23.832	1 / 8.103	- / -	20 / 139.123
1.1.2) TI VA Class - NonOrganic [9]	6 / 39.240	4 / 28.776	- / -	8 / 59.880	- / -	8 / 59.880	5 / 38.175	7 / 54.516	5 / 39.720	7 / 56.721	- / -	42 / 317.028
1.1.3) TI SSBN CLB Class - NonOrganic	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.788	1 / 7.944	1 / 8.103	- / -	3 / 23.835
Subtotal: Recurring	*- / 116.188*	*- / 28.776*	*- / -*	*- / 74.850*	*- / -*	*- / 74.850*	*- / 53.445*	*- / 62.304*	*- / 71.496*	*- / 72.927*	*- / 0.000*	*- / 479.986*
Subtotal: ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)	*18 / 116.188*	*4 / 28.776*	*- / -*	*10 / 74.850*	*- / -*	*10 / 74.850*	*7 / 53.445*	*8 / 62.304*	*9 / 71.496*	*9 / 72.927*	*- / -*	*65 / 479.986*
Subtotal: Procurement, All Modification Items	*- / 116.188*	*- / 28.776*	*- / -*	*- / 74.850*	*- / -*	*- / 74.850*	*- / 53.445*	*- / 62.304*	*- / 71.496*	*- / 72.927*	*- / 0.000*	*- / 479.986*
Installation												
Modification Item 1 of 1: ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)	- / 21.694	- / 18.816	- / 9.596	- / 9.788	- / 0.000	- / 9.788	- / 14.976	- / 17.822	- / 20.776	- / 23.841	- / 24.318	- / 161.627
Subtotal: Installation	*- / 21.694*	*- / 18.816*	*- / 9.596*	*- / 9.788*	*- / -*	*- / 9.788*	*- / 14.976*	*- / 17.822*	*- / 20.776*	*- / 23.841*	*- / 24.318*	*- / 161.627*
Total												
Total Cost (Procurement + Support + Installation)	**137.882**	**47.592**	**9.596**	**84.638**	**0.000**	**84.638**	**68.421**	**80.126**	**92.272**	**96.768**	**24.318**	**641.613**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 5 / ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)

Manufacturer Information

Manufacturer Name: Lockheed Martin	Manufacturer Location: Syracuse, NY
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Jul 2026	Jul 2027	Jul 2028	Jul 2029	Jul 2030	Jul 2031	Jul 2032

Installation Information

Method of Implementation: AIT:: Installation Name: TI 688/21 Class

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	10 / 21.694	2 / 4.704	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	12 / 26.398
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	2 / 4.992	- / -	- / -	- / -	0 / 0.000	2 / 4.992
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 5.092	- / -	- / -	0 / 0.000	2 / 5.092
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 7.947	0 / 0.000	3 / 7.947
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.702	1 / 2.702
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	10 / 21.694	2 / 4.704	- / -	- / -	- / -	- / -	2 / 4.992	2 / 5.092	- / -	3 / 7.947	1 / 2.702	20 / 47.131

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	10	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	3	1	20
Out	10	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	3	1	20

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 5 / ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)

Installation Information

Method of Implementation: AIT:: Installation Name: TI VA Class

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	6 / 14.112	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	6 / 14.112
FY 2025	- / -	- / -	4 / 9.596	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	4 / 9.596
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	4 / 9.788	0 / 0.000	4 / 9.788	4 / 9.984	- / -	- / -	- / -	0 / 0.000	8 / 19.772
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 12.730	- / -	- / -	0 / 0.000	5 / 12.730
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 18.179	- / -	0 / 0.000	7 / 18.179
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 13.245	0 / 0.000	5 / 13.245
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 18.914	7 / 18.914
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	6 / 14.112	4 / 9.596	4 / 9.788	0 / 0.000	4 / 9.788	4 / 9.984	5 / 12.730	7 / 18.179	5 / 13.245	7 / 18.914	42 / 106.548

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	6	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	5	-	-	-	7	-	-	-	5	7	42
Out	-	-	-	-	6	-	-	-	4	-	-	-	4	-	-	-	4	-	-	-	5	-	-	-	7	-	-	-	5	7	42

Method of Implementation: AIT:: Installation Name: TI SSBN CLB Class

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.597	- / -	0 / 0.000	1 / 2.597
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.649	0 / 0.000	1 / 2.649
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.702	1 / 2.702

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 5 / ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: ML012 - AN/BLQ-10 TECHNICAL INSERTION (SWFTS)

Installation Information

Method of Implementation: AIT:: Installation Name: TI SSBN CLB Class

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.597	1 / 2.649	1 / 2.702	3 / 7.948

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	3
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	3

Footnotes:

(9) FY27 funding provides backfill for four VA TI kits originally planned for FY26 in support of maintaining SWFTS installation profile.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 6 / ML017 AN/BLQ-10 FIELD CHANGE KITS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	140.361	43.524	50.033	54.935	0.000	54.935	52.161	47.638	50.276	50.145	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	140.361	43.524	50.033	54.935	0.000	54.935	52.161	47.638	50.276	50.145	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**140.361**	**43.524**	**50.033**	**54.935**	**0.000**	**54.935**	**52.161**	**47.638**	**50.276**	**50.145**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Procures and installs AN/BLQ-10 and subsystem Product Improvement Field Change Kits (FCK). One (1) set of AN/BLQ-10 FCKs is procured in each fiscal year that includes variable quantities and types, procured from a variety of vendors.

Procures and installs MMM Payload Module antennas to support submarine Fleet required improved Unmanned Aerial System (UAS) communications and Electronic Warfare (EW) capability to meet emerging threats and provide new capabilities required by the Fleet.

Procures and installs Submarine Tethered Expendable Buoy (STEB), a 3" Launcher deployed, expendable, free-floating buoy that will communicate with the submarine through a fiber-optic tether.

Procures and installs the Automated Range Finder (ARF) Collision Avoidance System for SSBN (OHIO) Class submarines. This system will increase situational awareness while operating at periscope depth, improving the safety, stealth, and security of the submarine.

Procures Virginia Class Mission Configurable Bay (MCB) update to receive a Multifunction Modular Mast (MMM), ensuring all SSNs can support payload required for Fleet priorities.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 6 / ML017 AN/BLQ-10 FIELD CHANGE KITS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: AN/BLQ-10	**Modification Type:** ORDALT	**Related RDT&E PEs:** 0604503N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: ML017 AN/BLQ-10 FIELD CHANGE KITS												
A Kits												
Recurring												
1.1.1) AN/BLQ-10 FCKs - NonOrganic [10]	13 / 91.108	1 / 12.220	1 / 12.464	1 / 12.713	- / -	1 / 12.713	1 / 12.967	1 / 13.226	1 / 13.491	1 / 13.761	Continuing	Continuing
1.1.2) MMM Payloads - NonOrganic	30 / 35.780	6 / 7.470	6 / 7.620	6 / 7.770	- / -	6 / 7.770	6 / 7.926	6 / 8.082	6 / 8.244	6 / 8.406	Continuing	Continuing
1.1.3) Submarine Tethered Expendable Buoy (STEB) - NonOrganic	- / -	- / -	4 / 6.100	8 / 12.448	- / -	8 / 12.448	8 / 12.696	8 / 12.952	8 / 13.208	8 / 13.472	Continuing	Continuing
1.1.4) OHIO SSBN Collision Avoidance (ARF) - NonOrganic	- / -	1 / 1.836	2 / 3.746	2 / 3.820	- / -	2 / 3.820	1 / 1.948	- / -	- / -	- / -	- / -	6 / 11.350
1.1.5) Mission Configurable Bay (MCB) for VA BLK I/II - NonOrganic	- / -	3 / 5.673	1 / 1.929	1 / 1.968	- / -	1 / 1.968	1 / 2.007	- / -	2 / 4.176	- / -	- / -	8 / 15.753
Subtotal: Recurring	*- / 126.888*	*- / 27.199*	*- / 31.859*	*- / 38.719*	*- / -*	*- / 38.719*	*- / 37.544*	*- / 34.260*	*- / 39.119*	*- / 35.639*	*Continuing*	*Continuing*
Subtotal: ML017 AN/BLQ-10 FIELD CHANGE KITS	*43 / 126.888*	*11 / 27.199*	*14 / 31.859*	*18 / 38.719*	*- / -*	*18 / 38.719*	*17 / 37.544*	*15 / 34.260*	*17 / 39.119*	*15 / 35.639*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 126.888*	*- / 27.199*	*- / 31.859*	*- / 38.719*	*- / -*	*- / 38.719*	*- / 37.544*	*- / 34.260*	*- / 39.119*	*- / 35.639*	*Continuing*	*Continuing*
Support *(All Modification Items)*												
2.1) STEB Support	- / -	- / 10.313	- / 7.837	- / 7.538	- / -	- / 7.538	- / 6.567	- / 6.698	- / 6.832	- / 6.969	Continuing	Continuing
2.2) OHIO SSBN Collision Avoidance (ARF) Support	- / -	- / 4.493	- / 4.335	- / 3.979	- / -	- / 3.979	- / 1.985	- / 0.717	- / -	- / -	- / -	- / 15.509
2.3) MMM Support	- / 5.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 5.000
Subtotal: Support	*- / 5.000*	*- / 14.806*	*- / 12.172*	*- / 11.517*	*- / -*	*- / 11.517*	*- / 8.552*	*- / 7.415*	*- / 6.832*	*- / 6.969*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: ML017 AN/BLQ-10 FIELD CHANGE KITS	- / 8.473	- / 1.519	- / 6.002	- / 4.699	- / 0.000	- / 4.699	- / 6.065	- / 5.963	- / 4.325	- / 7.537	- / 3.668	- / 48.251
Subtotal: Installation	*- / 8.473*	*- / 1.519*	*- / 6.002*	*- / 4.699*	*- / -*	*- / 4.699*	*- / 6.065*	*- / 5.963*	*- / 4.325*	*- / 7.537*	*- / 3.668*	*- / 48.251*
Total												
Total Cost (Procurement + Support + Installation)	**140.361**	**43.524**	**50.033**	**54.935**	**0.000**	**54.935**	**52.161**	**47.638**	**50.276**	**50.145**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 6 / ML017 AN/BLQ-10 FIELD CHANGE KITS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Modification Item 1 of 1: ML017 AN/BLQ-10 FIELD CHANGE KITS		

Manufacturer Information

Manufacturer Name: Multiple Vendors				Manufacturer Location: Various			
Administrative Leadtime *(in Months)*: 3				Production Leadtime *(in Months)*: 6			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	Dec 2029	Dec 2030
Delivery Dates	Jun 2025	Jun 2026	Jun 2027	Jun 2028	Jun 2029	Jun 2030	Jun 2031
Manufacturer Name: Seacorp (MMM Payloads)				Manufacturer Location: Newport, RI			
Administrative Leadtime *(in Months)*: 6				Production Leadtime *(in Months)*: 12			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Delivery Dates	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031	Mar 2032
Manufacturer Name: General Dynamics Mission Systems (STEB)				Manufacturer Location: Manassas, VA			
Administrative Leadtime *(in Months)*: 6				Production Leadtime *(in Months)*: 12			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates		Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031
Delivery Dates		Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031	Mar 2032
Manufacturer Name: Lockheed Martin (ARF Collision Avoidance System)				Manufacturer Location: Syracuse, NY			
Administrative Leadtime *(in Months)*: 6				Production Leadtime *(in Months)*: 12			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028			
Delivery Dates	Mar 2026	Mar 2027	Mar 2028	Mar 2029			
Manufacturer Name: Lockheed Martin (MCB)				Manufacturer Location: Syracuse, NY			
Administrative Leadtime *(in Months)*: 6				Production Leadtime *(in Months)*: 12			
Dates	**FY 2025**	**FY 2026**	**FY 2027**	**FY 2028**	**FY 2029**	**FY 2030**	**FY 2031**
Contract Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028		Mar 2030	
Delivery Dates	Mar 2026	Mar 2027	Mar 2028	Mar 2029		Mar 2031	

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 6 / ML017 AN/BLQ-10 FIELD CHANGE KITS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: ML017 AN/BLQ-10 FIELD CHANGE KITS

Installation Information

Method of Implementation: AIT:: Installation Name: AN/BLQ-10 FCKs

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	13 / 5.481	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	13 / 5.481
FY 2025	- / -	1 / 0.727	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.727
FY 2026	- / -	- / -	1 / 0.742	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.742
FY 2027	- / -	- / -	- / -	1 / 0.757	0 / 0.000	1 / 0.757	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.757
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.772	- / -	- / -	- / -	0 / 0.000	1 / 0.772
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.787	- / -	- / -	0 / 0.000	1 / 0.787
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.803	- / -	0 / 0.000	1 / 0.803
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.819	0 / 0.000	1 / 0.819
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	13 / 5.481	1 / 0.727	1 / 0.742	1 / 0.757	0 / 0.000	1 / 0.757	1 / 0.772	1 / 0.787	1 / 0.803	1 / 0.819	0 / 0.000	20 / 10.888

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	13	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	20
Out	13	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	20

Method of Implementation: AIT:: Installation Name: MMM Payloads

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	24 / 2.992	6 / 0.792	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	30 / 3.784
FY 2025	- / -	- / -	6 / 0.810	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	6 / 0.810
FY 2026	- / -	- / -	- / -	6 / 0.828	0 / 0.000	6 / 0.828	- / -	- / -	- / -	- / -	0 / 0.000	6 / 0.828
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.846	- / -	- / -	- / -	0 / 0.000	6 / 0.846
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.864	- / -	- / -	0 / 0.000	6 / 0.864
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.882	- / -	0 / 0.000	6 / 0.882
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.900	0 / 0.000	6 / 0.900
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.918	6 / 0.918

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 6 / ML017 AN/BLQ-10 FIELD CHANGE KITS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: ML017 AN/BLQ-10 FIELD CHANGE KITS

Installation Information

Method of Implementation: AIT:: Installation Name: MMM Payloads

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	24 / 2.992	6 / 0.792	6 / 0.810	6 / 0.828	0 / 0.000	6 / 0.828	6 / 0.846	6 / 0.864	6 / 0.882	6 / 0.900	6 / 0.918	72 / 9.832

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	24	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	6	72
Out	24	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	-	2	2	2	6	72

Method of Implementation: AIT:: Installation Name: Submarine Tethered Expendable Buoy (STEB)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	4 / 1.248	0 / 0.000	4 / 1.248	- / -	- / -	- / -	- / -	0 / 0.000	4 / 1.248
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.544	- / -	- / -	- / -	0 / 0.000	8 / 2.544
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.592	- / -	- / -	0 / 0.000	8 / 2.592
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.640	- / -	0 / 0.000	8 / 2.640
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.696	0 / 0.000	8 / 2.696
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 2.750	8 / 2.750
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	4 / 1.248	0 / 0.000	4 / 1.248	8 / 2.544	8 / 2.592	8 / 2.640	8 / 2.696	8 / 2.750	44 / 14.470

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 6 / ML017 AN/BLQ-10 FIELD CHANGE KITS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: ML017 AN/BLQ-10 FIELD CHANGE KITS

Installation Information

Method of Implementation: AIT:: Installation Name: Submarine Tethered Expendable Buoy (STEB)

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	2	2	-	-	3	3	2	-	3	3	2	-	3	3	2	-	3	3	2	8	44
Out	-	-	-	-	-	-	-	-	-	-	2	2	-	-	3	3	2	-	3	3	2	-	3	3	2	-	3	3	2	8	44

Method of Implementation: AIT:: Installation Name: OHIO SSBN Collision Avoidance (ARF)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	1 / 0.208	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.208
FY 2026	- / -	- / -	- / -	2 / 0.424	0 / 0.000	2 / 0.424	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.424
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.432	- / -	- / -	- / -	0 / 0.000	2 / 0.432
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.220	- / -	- / -	0 / 0.000	1 / 0.220
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	1 / 0.208	2 / 0.424	0 / 0.000	2 / 0.424	2 / 0.432	1 / 0.220	- / -	- / -	0 / 0.000	6 / 1.284

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	1	-	-	-	1	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	6
Out	-	-	-	-	-	-	1	-	-	-	1	1	-	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	6

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0840 / Sub Periscope, Imaging and Supt Equip Prog	**Modification Number / Title:** 6 / ML017 AN/BLQ-10 FIELD CHANGE KITS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: ML017 AN/BLQ-10 FIELD CHANGE KITS

Installation Information

Method of Implementation: [none specified]:: Installation Name: Mission Configurable Bay (MCB) for VA BLK I/II

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	3 / 4.242	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 4.242
FY 2026	- / -	- / -	- / -	1 / 1.442	0 / 0.000	1 / 1.442	- / -	- / -	- / -	- / -	0 / 0.000	1 / 1.442
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.471	- / -	- / -	- / -	0 / 0.000	1 / 1.471
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.500	- / -	- / -	0 / 0.000	1 / 1.500
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.122	0 / 0.000	2 / 3.122
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	3 / 4.242	1 / 1.442	0 / 0.000	1 / 1.442	1 / 1.471	1 / 1.500	- / -	2 / 3.122	0 / 0.000	8 / 11.777

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	1	1	1	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	8
Out	-	-	-	-	-	-	1	1	1	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	8

Footnotes:

(10) AN/BLQ-10 FCKs are procured in variable quantities and types, and are bought from a variety of vendors each fiscal year.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0900 / DDG Mod

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0204228N	Other Related Program Elements: 0604567N, 0604307N, 0204228N

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	6,077.709	822.065	878.787	1,000.278	0.000	1,000.278	1,126.709	1,157.505	1,255.310	1,284.326	13,883.071	27,485.760
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	6,077.709	822.065	878.787	1,000.278	0.000	1,000.278	1,126.709	1,157.505	1,255.310	1,284.326	13,883.071	27,485.760
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**6,077.709**	**822.065**	**878.787**	**1,000.278**	**0.000**	**1,000.278**	**1,126.709**	**1,157.505**	**1,255.310**	**1,284.326**	**13,883.071**	**27,485.760**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	10.335	0.173	13.857	-	13.857	17.064	27.574	105.234	96.989	Continuing	Continuing
Flyaway Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The DDG Modernization (DDG MOD) Program is required to upgrade the in-service Flight I, II, and IIA DDG-51 Class ships in order to keep the DDG Class relevant and operational. The DDG MOD Program is composed of a series of improvements in both Hull, Mechanical, and Electrical (HM&E) and Combat Systems. Modernization changes are aligned with New Construction design to increase commonality and capitalize on Economic Order Quantities across all programs. Beginning in FY26, the program installs the next phase of combat capability enhancements, DDG MOD 2.0, bringing Integrated Air and Missile Defense (IAMD) capability to the DDG 51 Class. In addition to the DDG MOD 1.0 HM&E and Combat Systems upgrades, DDG MOD 2.0 ships will be equipped with SLQ-32(V)7 Surface Electronic Warfare Improvement Program (SEWIP) Block III (funded in 0204228N OPN 2312 AN/SLQ-32), SPY-6(V)4 Air and Missile Defense Radar (AMDR) with updated AEGIS Baseline 10M / Ballistic Missile Defense (BMD) 6M, and High Efficiency Super-Capacity (HES-C) Chillers. DDG MOD 2.0 upgrades are planned for each ship's mid-life availability.

Installation quantities starting in FY27 are as follows:
DDG MOD 1.5: 1/0/0/0/0
DDG MOD DMP2: 0/1/0/0/0
DDG MOD 2.0: 0/0/2/2/2

The definitions for DDG MOD installations are listed below:
HM&E Modernization: HM&E
DDG MOD 1.0: HM&E + C/S
DDG MOD 1.5: HM&E + C/S + SLQ-32(V)7 (SLQ-32(V)7 is funded outside of DDG MOD 2.0)
DDG MOD DMP2: SPY-6(V)4 + HES-C (these hulls have already received DDG MOD 1.5 in a previous availability)
DDG MOD 2.0: HM&E + C/S + SLQ-32(V)7 + SPY-6(V)4 + HES-C

HM&E modernization is comprised of Commercial Off the Shelf (COTS) technologies for Ship Control and Engineering Plant Control Systems. New systems provide increased situational awareness, reduce manpower workloads, and address reliability and obsolescence challenges with legacy systems.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0900 / DDG Mod	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204228N	**Other Related Program Elements:** 0604567N, 0604307N, 0204228N
Line Item MDAP/MAIS Code: N/A		

C/S modernization upgrades the Aegis Weapon Systems (AWS). The upgrades enable the DDG-51 Class to conduct Ballistic Missile Defense simultaneously while conducting Air Defense within its assigned theatre. For DDG MOD 1.5, DMP2 and DDG MOD 2.0 ships, C/S modernization establishes the foundation for upgrading the DDG-51 Class from the SPY-1 radar array to the SPY-6(V)4 solid-state radar, enabling the DDG-51 Class to remain tactically competitive against emerging threats.

DDG MOD installations traditionally utilize a Firm Fixed Price Contracting Strategy for both the East and West Coasts of the United States. Modernization costs require multiple years of funding per ship to support Ship Checks (S/C), Ship Installation Drawing (SID) development, Long Lead Time Material purchase, and physical installation. Installation costs are budgeted based on the ship's homeport man-day rates as promulgated by the Navy.

[P40A / DM002 - LAND BASED ENGINEERING SITES]: Land Based Engineering Sites (DM002) upgrades shore facilities utilized for pre-installation testing and crew training of HM&E and Combat Systems alterations.

[P40A / DM012 - CEC]: Procures Cooperative Engagement Capability (CEC) combat systems that includes equipment procurement, recurring engineering, equipment integration and Integrated Logistics Support (ILS) products for DDG 51 Class ships. Flight IIA DDGs have previously received CEC installation.

[P40A / DM013 - CONJUNCTIVE ALTERATION DEFINITION AND INTEGRATION]: Provides Conjunctive Alteration Definition and Integration including equipment procurement, non-recurring and recurring engineering, equipment integration and Integrated Logistics Support (ILS) products for DDG 51 Class ships.

[P40A / DMCA-15 ADVANCED DAMAGE CONTROL SYSTEM CONGRESSIONAL ADD]: Advanced Damage Control System (ADCS) is a system for digitally plotting and managing fires and other damage-related casualties in compartments throughout a ship. ADCS has an intuitive interface and the adaptability of being hosted on a portable electronic tablet. Current damage control consists of manual plotting using grease pencils as well as use of non-portable Repair Station Consoles (RSCs), which feature the ability to control equipment and systems aboard the ship.

[P40A / DMCA-16 SOLID STATE RADAR PROCUREMENT CONGRESSIONAL ADD]: Procures the SPY-6(V)4 solid-state radar system to enable continuity in manufacturing and production with the Original Equipment Manufacturers (OEMs).

[P40A / DM6IN - INSTALLATION]: Provides for installation of Fleet Modernization Program alterations that are associated with DDG MOD. Alterations include Fuel Oil System Control upgrades, Lube Oil Purifier improvements, Digital Indicators modifications, Vertical Launch System (VLS) Magazine ventilation changes, Microwave Tubes (DM006) and Ballistic Missile Defense (BMD) Cards (DM008). Upgrades address obsolescence and reliability problems with existing systems, support SM-3 missile operations, enable BMD missions, and improve operational availability of the DDG 51 Class ships.

[P40A / HELO HANGER DOOR (HHD)]: Provides HHD upgrades for DDG-51 FLTIIA ships (DDG 113 and follow) to resolve documented HHD reliability issues.

[P40A / OFFICER OF THE DECK SCREEN (OOD)]: Replaces the Interior Communication/Standard Module alarm panels in the 3 OOD stations and Combat Systems Maintenance Center with Multi-Function Color Repeaters for standardization of components and commonality with DDG 105 and follow design.

[P40A / AWS VIDEO DISTRIBUTION SYSTEM & CIRCUIT 3 TV]: Replaces obsolete and unsupported legacy topside surveillance camera CKT-3TV Systems on HM&E MOD Avails (including sensors, pan/tilt, unit, controllers and other HW) with shock and environmentally qualified Commerical Off the Shelf (COTS) Camera System.

[P40A / DIGITAL VOLTAGE REGULATOR (DVR)]: Replaces the obsolete legacy Excitation Control Panel (EXCOP) for three onboard generators and achieves commonality with DDG 113 and follow design.

[P40A / COMBAT SYSTEM SHIP QUALIFICATION TRIALS (CSSQT)]: Provides for test planning and execution of live-fire testing enabling validation of the newly installed C/S equipment. CSSQT is required by Navy policy when major modifications are made to the C/S to ensure the kill chain functions properly and can support national tasking. It additionally provides real world training for the ship's crew and combat watch standers.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0900 / DDG Mod	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204228N	**Other Related Program Elements:** 0604567N, 0604307N, 0204228N
Line Item MDAP/MAIS Code: N/A		

[P40A / AEGIS MODERNIZATION TESTING (AMT)]: Provides on-site engineering and technical support for AEGIS and C/S Modernization. AMT teams support AEGIS-system Light Off (ALO), C/S verification and alignment, and crew training for operations and maintenance of new AEGIS Combat Systems. AMT efforts support availability and installation planning efforts, engineering design products for upgrades, shipboard installation, and system testing.

[P40A / DMCA5-BROMINE-FREE WATER PURIFICATION SYSTEM CONGRESSIONAL ADD]: Provides for design engineering and installation planning for installation of bromine-free water purification systems on DDG 51 class ships. Ship water purification systems historically used bromine as an antimicrobial. The bromine is introduced via scrubber cartridges, and these cartridges have supply chain risks and come with special hazardous material handling requirements.

[P40A / DMCA8 - ARTIFICIAL INTELLIGENCE - CONGRESSIONAL ADD]: Congressional add for artificial intelligence for ready relevant learning. This initiative will enhance the Virtual-Total Ship Training Capability (V-TSTC), a virtual performance support training tool aimed at increasing individual Combat Systems Operational Sequencing System (CSOSS) familiarity and Advanced Training Domain (ATD) system readiness.

[P40A / DM017 - SABT PROCUREMENT]: Static Automatic Bus Transfer (SABT) switches automatically transfer power to critical loads from a normal power source to an alternate power source in the event of interruption or abnormal conditions. SABT switches are required for various Ship Alterations being accomplished under the DDG MOD 2.0 Program. FY27 enables a bulk procurement to mitigate extended production lead times and support required material delivery dates for upcoming modernization availabilities.

[P3A / DM001 - DDG MODERNIZATION HME (GEDMS)]: Gigabit Ethernet Data Multiplexing System (GEDMS) replaces the obsolete copper machinery control Local Area Network (LAN) infrastructure with a new system based on the widely used Ethernet industry standard.

[P3A - 2 / DM001 - DDG MODERNIZATION HME (MCS/DCS)]: Machinery Control System (MCS) replaces the obsolete control consoles while also delivering enhanced capability to the Fleet through improved situational awareness and reconfigurable user stations. The new consoles use Commercial Off the Shelf (COTS)-based computers and software to replace the now obsolete Versa Modular Eurocard (VME)-chassis technology. The architecture is anticipated to be supportable for the remaining service life of the ship and will enable computer upgrades within the chassis thereby mitigating future obsolescence concerns.

[P3A - 3 / DM001 - DDG MODERNIZATION HME (DVSS)]: Digital Video Surveillance System (DVSS) is a network of video cameras integrated into the Machinery Control System. This system provides watchstander situational awareness which supplements the workload reduction benefits of the new MCS.

[P3A - 4 / DM001 - DDG MODERNIZATION HME (WIRELESS COMMUNICATIONS)]: Shipwide Interior Wireless Communication System (SIWCS) provides point-to-point coverage throughout the internal spaces of the ship as well as topside, topside-to-interior, line of sight ship-to-ship & line of sight ship-to-shore communications capabilities.

[P3A - 5 / DM001 - DDG MODERNIZATION HME (IBNS)]: The Integrated Bridge & Navigation System (IBNS) replaces obsolete bridge consoles and introduces flexibility with how the pilot house is managed during navigation. The key benefit is the ability to operate with fewer watch-standers, reduced watch-stander workloads, and improved safety of navigation. Navigation system upgrades transitions from IBNS to the Ship Control System (SCS) and DDG Electronic Charting Display Information System (ECDIS) Navigation hardware beginning with installation in FY2029.

[P3A - 6 / DM001 - HES-C]: High Efficiency Super Capacity (HES-C) Chillers modernize the 50-year-old design Air Conditioning and Refrigeration (AC&R) systems installed on the DDG-51 Class. This upgrade replaces five AC&R systems on each ship receiving the SPY-6(V)4 Air and Missile Defense Radar (AMDR), to be installed conjunctively.

[P3A - 7 / DM003 - MK 160 MOD 15 GWS]: Provides MK 160 Mod 15 Gun Weapon System (GWS) upgrades including equipment procurement, recurring engineering, equipment integration, installation, and Integrated Logistics Support (ILS) products for DDG 51 Class ships.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	P-1 Line Item Number / Title: 0900 / DDG Mod	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0204228N	Other Related Program Elements: 0604567N, 0604307N, 0204228N
Line Item MDAP/MAIS Code: N/A		

[P3A - 8 / DM004 - AWS UPGRADE]: Provides Aegis Weapon System (AWS) Upgrades including equipment procurement, recurring engineering, equipment integration, installation and Integrated Logistics Support (ILS) products for DDG 51 Class ships.

[P3A - 9 / DM005 - MULTI-MISSION SIGPRO]: Provides the Multi-Mission Signal Processor (MMSP) to enable Ballistic Missile Defense capabilities for ships receiving C/S modernization upgrades and retaining the SPY-1(D) radar. Includes equipment procurement, recurring engineering, equipment integration, installation, and Integrated Logistics Support (ILS) products for DDG 51 Class ships. MMSP is not required for DDG MOD 2.0 ships receiving the SPY-6(V)4 radar upgrade.

[P3A - 10 / DM006 - MULTI-MISSION SSA/CWI MICROWAVE TUBES]: Provides the Multi-Mission Solid State Amplifiers (SSAs) and Continuous Wave Illuminator (CWI) Microwave Tubes that enable Ballistic Missile Defense capabilities for ships receiving C/S modernization upgrades and retaining the SPY-1(D) radar. Includes equipment procurement, recurring engineering, equipment integration, installation, and Integrated Logistics Support (ILS) products for DDG 51 Class ships. Multi-Mission SSAs and Microwave Tubes are not required for DDG MOD 2.0 ships receiving the SPY-6(V)4 radar upgrade.

[P3A - 11 / DM008 - MULTI-MISSION BMD CAPABILITY CARDS]: Provides Multi-Mission Ballistic Missile Defense (BMD) Capability cards including equipment procurement, recurring engineering, equipment integration, installation, and Integrated Logistics Support (ILS) products for DDG 51 Class ships. BMD cards are not required for DDG MOD 2.0 ships receiving the SPY-6(V)4 radar upgrade.

[P3A - 12 / DM009 - VLS UPGRADES]: Provides Vertical Launch System (VLS) Modifications, Evolved Sea Sparrow Missile (ESSM) VLS Modifications, SM3 Operability Heating Ventilation Air Conditioning (HVAC) and VLS Modifications for SM3 Block 3 including equipment procurement, recurring engineering, equipment integration, installation and Integrated Logistics Support (ILS) products for DDG 51 Class ships.

[P3A - 13 / DM011 - AN/SQQ-89 A(V15)]: Procures improved AN/SQQ-89(V)15 with Multi-Function Towed Array (MFTA) to replace the installed MIL-STD AN/SQQ-89(V) including equipment procurement, recurring engineering, equipment integration, installation and Integrated Logistics Support (ILS) products for DDG 51 Class ships.

[P3A - 19 / DM014 SOLID STATE RADAR EQUIPMENT]: SPY-6(V)4 solid-state radar provides the latest capability to the DDG-51 Class for Air Defense and Ballistic Missile Defense. The SPY-6(V)4 upgrade replaces legacy SPY-1 radar arrays with SPY-6 arrays to deliver AEGIS Baseline 10M with Integrated Air and Missile Defense (IAMD) capability. SPY-6(V)4 upgrades are applicable to DDG 51 Flight IIA ships, DDG 91 through DDG 124 & DDG 127. SPY-6(V)4 fielding plans are integrated with SLQ32(V)7 (SEWIP BLK III) (BLI 2312) in order to rapidly deliver enhanced capability to the DDG-51 Class required to pace new threats by international competitors. SPY-6 Hardware also includes Installation and Checkout (INCO) kits that help with setting up and testing the system. The SPY6(v)4 system includes 24 Radar Modular Assemblies (RMAs) that deliver the radar's detection and tracking capabilities. This line also includes the necessary ancillary equipment such as Electronic Equipment Fluid Coolers (EEFC), specialized Fire Control System coolers (FCS), and the Radar Control Processer (RCP) which manages the SPY-6(V)4 radar's operations and integrates with the ship's combat system.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0900 / DDG Mod
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204228N
Other Related Program Elements: 0604567N, 0604307N, 0204228N	
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	DDG Mod				- / 1,145.327	- / 90.271	- / 335.638	- / 153.821	- / -	- / 153.821
P-3a	1 / DM001 - DDG MODERNIZATION HME (GEDMS) (SHIP ALT)				- / 440.170	- / 29.800	- / 38.465	- / 19.277	- / 0.000	- / 19.277
P-3a	2 / DM001 - DDG MODERNIZATION HME (MCS/DCS) (SHIP ALT)				- / 810.359	- / 56.525	- / 76.938	- / 47.590	- / 0.000	- / 47.590
P-3a	3 / DM001 - DDG MODERNIZATION HME (DVSS) (SHIP ALT)				- / 69.632	- / 4.400	- / 5.806	- / 3.043	- / 0.000	- / 3.043
P-3a	4 / DM001 - DDG MODERNIZATION HME (WIRELESS COMMUNICATIONS) (SHIP ALT)				- / 23.268	- / 1.066	- / 1.146	- / 0.000	- / 0.000	- / 0.000
P-3a	5 / DM001 - DDG MODERNIZATION HME (IBNS) (SHIP ALT)				- / 340.465	- / 15.399	- / 25.430	- / 22.751	- / 0.000	- / 22.751
P-3a	6 / DM001 - HES-C (SHIP ALT)				- / 47.397	- / 99.492	- / 62.300	- / 93.754	- / 0.000	- / 93.754
P-3a	7 / DM003 - MK 160 MOD 15 GWS (SHIP ALT)				- / 161.297	- / 6.230	- / 7.720	- / 12.692	- / 0.000	- / 12.692
P-3a	8 / DM004 - AWS UPGRADE (SHIP ALT)				- / 1,239.557	- / 79.574	- / 96.914	- / 89.882	- / 0.000	- / 89.882
P-3a	9 / DM005 - MULTI-MISSION SIGPRO (SHIP ALT)				- / 606.028	- / 30.141	- / 18.488	- / 5.848	- / 0.000	- / 5.848
P-3a	10 / DM006 - MULTI-MISSION SSA/CWI MICROWAVE TUBES (SHIP ALT)				- / 30.919	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	11 / DM008 - MULTI-MISSION BMD CAPABILITY CARDS (SHIP ALT)				- / 51.989	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	12 / DM009 - VLS UPGRADES (SHIP ALT)				- / 280.999	- / 11.775	- / 14.089	- / 22.271	- / 0.000	- / 22.271
P-3a	13 / DM011 - AN/SQQ-89 A(V15) (SHIP ALT)				- / 179.789	- / 4.234	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	14 / DM013 - (1 MC/DIAS UPGRADE) (SHIP ALT)				- / 81.329	- / 12.281	- / 16.346	- / 5.761	- / 0.000	- / 5.761
P-3a	15 / DM013 - (MORIAH WIND SYSTEM) (SHIP ALT)				- / 34.281	- / 2.970	- / 2.070	- / 1.562	- / 0.000	- / 1.562
P-3a	16 / DM013 - (IVCS UPGRADE) (SHIP ALT)				- / 151.506	- / 18.284	- / 23.411	- / 16.695	- / 0.000	- / 16.695
P-3a	17 / DM013 - Slewing Arm Davit (SLAD) (SHIP ALT)				- / 16.399	- / 0.797	- / 0.986	- / 1.887	- / 0.000	- / 1.887
P-3a	18 / DM013 - AN/SPA-25 (SHIP ALT)				- / 13.282	- / 1.203	- / 2.046	- / 0.670	- / 0.000	- / 0.670
P-3a	19 / DM014 SOLID STATE RADAR EQUIPMENT (SHIP ALT)				- / 353.716	- / 357.623	- / 150.994	- / 502.774	- / 0.000	- / 502.774
P-40	**Total Gross/Weapon System Cost**				**- / 6,077.709**	**- / 822.065**	**- / 878.787**	**- / 1,000.278**	**- / 0.000**	**- / 1,000.278**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	DDG Mod				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / DM001 - DDG MODERNIZATION HME (GEDMS) (SHIP ALT)				- / 16.092	- / 31.645	- / 31.830	- / 30.978	- / 351.060	- / 989.317
P-3a	2 / DM001 - DDG MODERNIZATION HME (MCS/DCS) (SHIP ALT)				- / 40.980	- / 64.464	- / 57.755	- / 56.927	- / 708.372	- / 1,919.910
P-3a	3 / DM001 - DDG MODERNIZATION HME (DVSS) (SHIP ALT)				- / 2.133	- / 5.067	- / 5.110	- / 4.930	- / 50.827	- / 150.948
P-3a	4 / DM001 - DDG MODERNIZATION HME (WIRELESS COMMUNICATIONS) (SHIP ALT)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 25.480
P-3a	5 / DM001 - DDG MODERNIZATION HME (IBNS) (SHIP ALT)				- / 15.996	- / 22.622	- / 18.121	- / 20.297	- / 233.059	- / 714.140

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
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ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204228N
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Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-3a	6 / DM001 - HES-C (SHIP ALT)				- / 149.615	- / 203.363	- / 164.762	- / 167.573	- / 2,104.490	- / 3,092.746
P-3a	7 / DM003 - MK 160 MOD 15 GWS (SHIP ALT)				- / 12.104	- / 15.560	- / 11.463	- / 15.270	- / 159.618	- / 401.954
P-3a	8 / DM004 - AWS UPGRADE (SHIP ALT)				- / 72.695	- / 114.907	- / 106.554	- / 68.144	- / 1,553.557	- / 3,421.784
P-3a	9 / DM005 - MULTI-MISSION SIGPRO (SHIP ALT)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 660.505
P-3a	10 / DM006 - MULTI-MISSION SSA/CWI MICROWAVE TUBES (SHIP ALT)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 30.919
P-3a	11 / DM008 - MULTI-MISSION BMD CAPABILITY CARDS (SHIP ALT)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 51.989
P-3a	12 / DM009 - VLS UPGRADES (SHIP ALT)				- / 21.195	- / 26.721	- / 20.333	- / 19.504	- / 305.740	- / 722.627
P-3a	13 / DM011 - AN/SQQ-89 A(V15) (SHIP ALT)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 184.023
P-3a	14 / DM013 - (1 MC/DIAS UPGRADE) (SHIP ALT)				- / 3.738	- / 11.749	- / 11.785	- / 11.203	- / 119.973	- / 274.165
P-3a	15 / DM013 - (MORIAH WIND SYSTEM) (SHIP ALT)				- / 1.058	- / 1.617	- / 0.935	- / 1.006	- / 0.000	- / 45.499
P-3a	16 / DM013 - (IVCS UPGRADE) (SHIP ALT)				- / 11.868	- / 28.665	- / 28.878	- / 27.787	- / 288.096	- / 595.190
P-3a	17 / DM013 - Slewing Arm Davit (SLAD) (SHIP ALT)				- / 1.643	- / 2.401	- / 2.437	- / 2.418	- / 23.049	- / 52.017
P-3a	18 / DM013 - AN/SPA-25 (SHIP ALT)				- / 1.966	- / 2.259	- / 2.178	- / 2.177	- / 20.630	- / 46.411
P-3a	19 / DM014 SOLID STATE RADAR EQUIPMENT (SHIP ALT)				- / 600.626	- / 478.197	- / 680.426	- / 694.144	- / 5,918.325	- / 9,736.825
P-40	**Total Gross/Weapon System Cost**				**- / 1,126.709**	**- / 1,157.505**	**- / 1,255.310**	**- / 1,284.326**	**- / 13,883.071**	**- / 27,485.760**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

The FY2027 request for BLI 0900 DDG MOD includes adjustments in alignment with the program fielding profile and cancellation of 2 DDG MOD DMP2s. FY2027 includes increases for the following: 1) installation costs aligned with updated port rates (all P3a related cost codes and DM6IN); 2) Land Based Test Site system validation and verification efforts supporting the SPY-6(V)4 shipboard power train, AEGIS Hardware, and AEGIS Combat Systems Baselines; 3) Awarded contract values for the High Efficiency Super Capacity (HES-C) Air Conditioning Units; 4) Pricing for follow on SPY-6(V)4 procurements; 5) Increased non-recurring engineering efforts for the transition of the Navigation System from the Integrated Bridge Navigation System to the Ship Controls Systems and AN/SYN-1(V)1 navigation system beginning with FY27 procurements; 6) Increased non-recurring engineering effort for the land based testing and validation of the Machinery Control System hardware and software prior to shipboard installation; and FY2027 CSSQT increases are aligned with the program fielding profile for planning and execution.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Aggregated Items Title:** DDG Mod

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
1) DM002 - LAND BASED ENGINEERING SITES																				
1.1) DM002 - Land Based Engineering Sites [1]	A		-	-	263.381	-	-	9.455	-	-	13.008	-	-	15.280	-	-	-	-	-	15.280
Subtotal: 1) DM002 - LAND BASED ENGINEERING SITES			**-**	**-**	***263.381***	**-**	**-**	***9.455***	**-**	**-**	***13.008***	**-**	**-**	***15.280***	**-**	**-**	**-**	**-**	**-**	***15.280***
2) DM007 - SPY-1D TRANSMITTER UPGRADES																				
2.1) DM007 - SPY-1D TRANSMITTER UPGRADES	A		-	-	95.009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) DM007 - SPY-1D TRANSMITTER UPGRADES			**-**	**-**	***95.009***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) DM010 - FCS STAMO																				
3.1) DM010 - FCS STAMO EQUIPMENT	A		14.843	1	14.843	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) DM010 - FCS STAMO			**-**	**-**	***14.843***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) DM012 - CEC [2]																				
4.1) DM012 - CEC EQUIPMENT	A		-	-	42.143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) DM012 - CEC			**-**	**-**	***42.143***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5) DM013 - CONJUNCTIVE ALTERATION DEFINITION AND INTEGRATION																				
5.1) DM013 - CONJUNCTIVE ALTERATION DEFINITION AND INTEGRATION	A		-	-	110.305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5) DM013 - CONJUNCTIVE ALTERATION DEFINITION AND INTEGRATION			**-**	**-**	***110.305***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
6) DMCA-15 - ADVANCED DAMAGE CONTROL SYSTEM CONGRESSIONAL ADD																				
6.1) DMCA-15 ADVANCED DAMAGE CONTROL SYSTEM CONGRESSIONAL ADD	A		-	-	-	-	-	-	-	-	10.000	-	-	-	-	-	-	-	-	-
Subtotal: 6) DMCA-15 - ADVANCED DAMAGE CONTROL SYSTEM CONGRESSIONAL ADD			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***10.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
7) DMCA-16 SOLID STATE RADAR PROCUREMENT CONGRESSIONAL ADD																				
7.1) DMCA-16 SPY-6(V)4 RADAR PROCUREMENT AND ENGINEERING	A		-	-	-	-	-	-	-	-	182.000	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Aggregated Items Title: DDG Mod

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
Subtotal: 7) DMCA-16 SOLID STATE RADAR PROCUREMENT CONGRESSIONAL ADD			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***182.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
8) DM6IN - INSTALLATION																				
8.1) DM6IN - INSTALLATIONS	A		-	-	165.989	-	-	39.000	-	-	63.580	-	-	42.918	-	-	-	-	-	42.918
Subtotal: 8) DM6IN - INSTALLATION			**-**	**-**	***165.989***	**-**	**-**	***39.000***	**-**	**-**	***63.580***	**-**	**-**	***42.918***	**-**	**-**	**-**	**-**	**-**	***42.918***
9) HELO HANGER DOOR (HHD)																				
9.1) HELO HANGER DOOR (HHD) EQUIPMENT	A		1.935	15	29.028	-	-	-	-	-	-	2.139	2	4.278	-	-	-	2.139	2	4.278
Subtotal: 9) HELO HANGER DOOR (HHD)			**-**	**-**	***29.028***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***4.278***	**-**	**-**	**-**	**-**	**-**	***4.278***
10) OFFICER OF THE DECK SCREEN (OOD)																				
10.1) OFFICER OF THE DECK SCREEN (OOD) EQUIPMENT	A		0.152	15	2.279	0.156	1	0.156	-	-	-	0.168	2	0.336	-	-	-	0.168	2	0.336
Subtotal: 10) OFFICER OF THE DECK SCREEN (OOD)			**-**	**-**	***2.279***	**-**	**-**	***0.156***	**-**	**-**	**-**	**-**	**-**	***0.336***	**-**	**-**	**-**	**-**	**-**	***0.336***
11) AWS VIDEO DISTRIBUTION SYSTEM & CIRCUIT 3 TV																				
11.1) AWS VDS & CK3TV EQUIPMENT	A		0.705	3	2.115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 11) AWS VIDEO DISTRIBUTION SYSTEM & CIRCUIT 3 TV			**-**	**-**	***2.115***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
12) DIGITAL VOLTAGE REGULATOR (DVR)																				
12.1) DIGITAL VOLTAGE REGULATOR EQUIPMENT	A		1.438	18	25.878	-	-	-	-	-	-	1.596	2	3.192	-	-	-	1.596	2	3.192
12.2) CONJUNCTIVE ALTERATION ENGINEERING	A		-	-	3.496	-	-	0.597	-	-	0.631	-	-	0.643	-	-	-	-	-	0.643
Subtotal: 12) DIGITAL VOLTAGE REGULATOR (DVR)			**-**	**-**	***29.374***	**-**	**-**	***0.597***	**-**	**-**	***0.631***	**-**	**-**	***3.835***	**-**	**-**	**-**	**-**	**-**	***3.835***
13) COMBAT SYSTEM SHIP QUALIFICATION TRIALS (CSSQT)																				
13.1) COMBAT SYSTEM SHIP QUALIFICATION TRIALS (CSSQT) (3)	A		-	-	115.389	-	-	20.205	-	-	30.462	-	-	46.684	-	-	-	-	-	46.684
Subtotal: 13) COMBAT SYSTEM SHIP QUALIFICATION TRIALS (CSSQT)			**-**	**-**	***115.389***	**-**	**-**	***20.205***	**-**	**-**	***30.462***	**-**	**-**	***46.684***	**-**	**-**	**-**	**-**	**-**	***46.684***
14) AEGIS MODERNIZATION TESTING (AMT)																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Aggregated Items Title: DDG Mod

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
14.1) AEGIS MODERNIZATION TESTING (AMT) [4]	A		-	-	154.805	-	-	20.858	-	-	35.957	-	-	26.990	-	-	-	-	-	26.990
Subtotal: 14) AEGIS MODERNIZATION TESTING (AMT)			**-**	**-**	***154.805***	**-**	**-**	***20.858***	**-**	**-**	***35.957***	**-**	**-**	***26.990***	**-**	**-**	**-**	**-**	**-**	***26.990***
15) DSA FOR FY14 AVAILABILITY																				
15.1) DSA FOR FY14 AVAILABILITY	A		-	-	39.067	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 15) DSA FOR FY14 AVAILABILITY			**-**	**-**	***39.067***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
16) MRG Procurement																				
16.1) MRG Equipment	A		15.000	1	15.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 16) MRG Procurement			**-**	**-**	***15.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
17) DMCA1 - DDG-51 MODERNIZATION PROGRAM CONGRESSIONAL ADD																				
17.1) DMCA1 - DDG-51 MODERNIZATION	A		-	-	5.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.2) DMCA1 - SQQ-89A (V) W/ MFTA	A		-	-	25.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 17) DMCA1 - DDG-51 MODERNIZATION PROGRAM CONGRESSIONAL ADD			**-**	**-**	***30.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
18) DMCA2 - TRAINING AND MAINTENANCE SUPPORT SYSTEM CONGRESSIONAL ADD																				
18.1) DMCA2 - TRAINING AND MAINTENANCE SUPPORT SYSTEM	A		-	-	9.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 18) DMCA2 - TRAINING AND MAINTENANCE SUPPORT SYSTEM CONGRESSIONAL ADD			**-**	**-**	***9.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
19) DMCA3 - COMMUNICATIONS UPGRADE FOR DDG MOD CONGRESSIONAL ADD																				
19.1) DMCA3 - COMMUNICATIONS UPGRADE	A		-	-	3.120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 19) DMCA3 - COMMUNICATIONS UPGRADE FOR DDG MOD CONGRESSIONAL ADD			**-**	**-**	***3.120***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
20) DMCA4 - SMART VALVE AUTOMATIC FIRE SUPPRESSION SYSTEM CONGRESSIONAL ADD																				
20.1) DMCA4 - SMART VALVE EQUIPMENT	A		-	-	2.480	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 20) DMCA4 - SMART VALVE AUTOMATIC FIRE			**-**	**-**	***2.480***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Aggregated Items Title: DDG Mod

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ M)	Qty (Each)	Total Cost ($ M)
SUPPRESSION SYSTEM CONGRESSIONAL ADD																				
21) DMCA5-BROMINE-FREE WATER PURIFICATION SYSTEM CONGRESSIONAL ADD																				
21.1) DMCA5-BROMINE-FREE WATER PURIFICATION SYSTEM	A		-	-	12.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 21) DMCA5-BROMINE-FREE WATER PURIFICATION SYSTEM CONGRESSIONAL ADD			**-**	**-**	***12.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
22) DMCA6 - WATER PURIFICATION SYSTEMS CONGRESSIONAL ADD																				
22.1) DMCA6 - WATER PURIFICATION SYSTEMS	A		-	-	5.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 22) DMCA6 - WATER PURIFICATION SYSTEMS CONGRESSIONAL ADD			**-**	**-**	***5.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
23) DMCA7 - MOBILE SEAMANSHIP AND NAVIGATION TRAINER CONGRESSIONAL ADD																				
23.1) DMCA7 - MOBILE SEAMANSHIP AND NAVIGATION TRAINER	A		-	-	2.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 23) DMCA7 - MOBILE SEAMANSHIP AND NAVIGATION TRAINER CONGRESSIONAL ADD			**-**	**-**	***2.500***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
24) DMCA8 - ARTIFICIAL INTELLIGENCE - CONGRESSIONAL ADD																				
24.1) DMCA8 - Artificial Intel for Ready Relevant Learning	A		-	-	2.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 24) DMCA8 - ARTIFICIAL INTELLIGENCE - CONGRESSIONAL ADD			**-**	**-**	***2.500***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
25) DM017 - SABT PROCUREMENT																				
25.1) DM017 - SABT PROCUREMENT	A		-	-	-	-	-	-	-	-	-	-	-	13.500	-	-	-	-	-	13.500
Subtotal: 25) DM017 - SABT PROCUREMENT			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***13.500***	**-**	**-**	**-**	**-**	**-**	***13.500***
Total			**-**	**-**	**1,145.327**	**-**	**-**	**90.271**	**-**	**-**	**335.638**	**-**	**-**	**153.821**	**-**	**-**	**-**	**-**	**-**	**153.821**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Aggregated Items Title:** DDG Mod

(1) Land Based Engineering Sites (DM002) upgrades shore facilities utilized for pre-installation testing and crew training of HM&E and Combat Systems alterations.

(2) Installation efforts are accomplished via the Alteration Installation Teams (AITs) and the AEGIS Modernization Testing Team resourced in DM6IN.

(3) Combat System Ship Qualification Trials (CSSQT) provides event planning and execution for validation of newly modernized and installed systems prior to a ship's return to Fleet operations. This effort spans multiple years and the CSSQT is conducted at the end of a ship's modernization availability.

(4) AEGIS Modernization Testing (AMT) provides support from design engineering and space arrangement prior to an availability through equipment installation, validation, and checkout for comprehensive combat system testing during a ship's availability. This effort spans all years of planning and execution for planned modernizations.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 1 / DM001 - DDG MODERNIZATION HME (GEDMS)
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	440.170	29.800	38.465	19.277	0.000	19.277	16.092	31.645	31.830	30.978	351.060	989.317
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	440.170	29.800	38.465	19.277	0.000	19.277	16.092	31.645	31.830	30.978	351.060	989.317
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**440.170**	**29.800**	**38.465**	**19.277**	**0.000**	**19.277**	**16.092**	**31.645**	**31.830**	**30.978**	**351.060**	**989.317**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Gigabit Ethernet Data Multiplexing System (GEDMS) replaces the obsolete copper machinery control Local Area Network (LAN) infrastructure with a new system based on the widely used Ethernet industry standard.

Engineering Services:
Production Support Services are phased over a three (3) year span starting two (2) years prior to installation on a per hull basis. It includes five (5) elements that are related to the production and delivery of a usable end-item:
Production Engineering, Quality Assurance, Product Improvement, Acceptance Test and Evaluation, and Contractor Engineering and Technical Services (CETS). Due to the phasing of the requirement over a three year period,
engineering services will fluctuate depending on the number of ships in each year.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 1 / DM001 - DDG MODERNIZATION HME (GEDMS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:** 0604567N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (GEDMS)												
B Kits												
Recurring												
1.1.1) GEDMS Equipment - NonOrganic [5]	27 / 97.719	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	27 / 97.719
1.1.2) GEDMS EQUIPMENT FLIGHT IIA - NonOrganic [6]	23 / 32.997	- / -	- / -	2 / 3.316	- / -	2 / 3.316	2 / 3.382	2 / 3.450	2 / 3.520	2 / 3.590	14 / 31.424	47 / 81.679
Subtotal: Recurring	*- / 130.716*	*- / -*	*- / -*	*- / 3.316*	*- / -*	*- / 3.316*	*- / 3.382*	*- / 3.450*	*- / 3.520*	*- / 3.590*	*- / 31.424*	*- / 179.398*
Subtotal: DM001 - DDG MODERNIZATION HME (GEDMS)	*50 / 130.716*	*- / -*	*- / -*	*2 / 3.316*	*- / -*	*2 / 3.316*	*2 / 3.382*	*2 / 3.450*	*2 / 3.520*	*2 / 3.590*	*14 / 31.424*	*74 / 179.398*
Subtotal: Procurement, All Modification Items	*- / 130.716*	*- / -*	*- / -*	*- / 3.316*	*- / -*	*- / 3.316*	*- / 3.382*	*- / 3.450*	*- / 3.520*	*- / 3.590*	*- / 31.424*	*- / 179.398*
Support *(All Modification Items)*												
2.1) GEDMS ENGINEERING SERVICES [7]	- / 64.635	- / 5.048	- / 5.838	- / 6.331	- / -	- / 6.331	- / 6.585	- / 6.706	- / 6.829	- / 6.966	- / 99.799	- / 208.737
Subtotal: Support	*- / 64.635*	*- / 5.048*	*- / 5.838*	*- / 6.331*	*- / -*	*- / 6.331*	*- / 6.585*	*- / 6.706*	*- / 6.829*	*- / 6.966*	*- / 99.799*	*- / 208.737*
Installation												
Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (GEDMS)	- / 244.819	- / 24.752	- / 32.627	- / 9.630	- / 0.000	- / 9.630	- / 6.125	- / 21.489	- / 21.481	- / 20.422	- / 219.837	- / 601.182
Subtotal: Installation	*- / 244.819*	*- / 24.752*	*- / 32.627*	*- / 9.630*	*- / -*	*- / 9.630*	*- / 6.125*	*- / 21.489*	*- / 21.481*	*- / 20.422*	*- / 219.837*	*- / 601.182*
Total												
Total Cost (Procurement + Support + Installation)	**440.170**	**29.800**	**38.465**	**19.277**	**0.000**	**19.277**	**16.092**	**31.645**	**31.830**	**30.978**	**351.060**	**989.317**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 1 / DM001 - DDG MODERNIZATION HME (GEDMS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (GEDMS)

Manufacturer Information

Manufacturer Name: BOEING	Manufacturer Location: ANAHEIM, CA
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 16

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027	Mar 2028	Mar 2029	Jul 2030	Jul 2031
Delivery Dates			Jul 2028	Jun 2029	Jun 2030	Nov 2031	Nov 2032

Installation Information

Method of Implementation: SHIPYARD:: Installation Name: GEDMS Equipment

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	25 / 128.335	1 / 7.100	1 / 6.676	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	27 / 142.111
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	25 / 128.335	1 / 7.100	1 / 6.676	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	27 / 142.111

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	25	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27
Out	25	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 1 / DM001 - DDG MODERNIZATION HME (GEDMS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (GEDMS)

Installation Information

Method of Implementation: [none specified]:: Installation Name: GEDMS EQUIPMENT FLIGHT IIA

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	17 / 116.484	2 / 17.652	3 / 25.951	1 / 8.711	0 / 0.000	1 / 8.711	- / -	- / -	- / -	- / -	0 / 0.000	23 / 168.798
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.919	0 / 0.000	0 / 0.919	0 / 5.180	2 / 15.275	- / -	- / -	0 / 0.000	2 / 21.374
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.945	0 / 5.331	2 / 15.612	- / -	0 / 0.000	2 / 21.888
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.883	0 / 4.981	2 / 14.504	0 / 0.000	2 / 20.368
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.888	0 / 5.005	2 / 16.257	2 / 22.150
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.913	2 / 21.310	2 / 22.223
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 182.270	14 / 182.270
Total	17 / 116.484	2 / 17.652	3 / 25.951	1 / 9.630	0 / 0.000	1 / 9.630	0 / 6.125	2 / 21.489	2 / 21.481	2 / 20.422	18 / 219.837	47 / 459.071

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	17	1	1	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	18	47
Out	11	-	1	1	1	-	-	3	-	1	-	1	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	23	47

Footnotes:

(5) Flight II prior year procurements are for DDG 78 installation in FY25 and DDG 75 installation in FY26. FY26 Installation is for DDG 75 which requires Lead Maintenance Activity Contract award in Q4 2026 prior to FY27 Availability start.

(6) Flight IIA prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Flight IIA prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

(7) FY2027 Engineering Services increase for non-recurring effort to transition from Second Generation to Third Generation GEDMS due to obsolescence.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 2 / DM001 - DDG MODERNIZATION HME (MCS/DCS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	810.359	56.525	76.938	47.590	0.000	47.590	40.980	64.464	57.755	56.927	708.372	1,919.910
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	810.359	56.525	76.938	47.590	0.000	47.590	40.980	64.464	57.755	56.927	708.372	1,919.910
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**810.359**	**56.525**	**76.938**	**47.590**	**0.000**	**47.590**	**40.980**	**64.464**	**57.755**	**56.927**	**708.372**	**1,919.910**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Machinery Control System (MCS) replaces the obsolete control consoles while also delivering enhanced capability to the Fleet through improved situational awareness and reconfigurable user stations. The new consoles integrate Commercial Off the Shelf (COTS)-based and software to replace the now obsolete Versa Modular Eurocard (VME)-chassis technology found in prior variants. The new architecture is anticipated to support the remaining service life of the ship and will enable computer upgrades within the chassis thereby mitigating future obsolescence concerns.

Engineering Services:

Production Support Services are phased over a three (3) year span starting two (2) years prior to installation on a per hull basis. It includes five (5) elements that are related to the production and delivery of a usable end-item:
Production Engineering, Quality Assurance, Product Improvement, Acceptance Test and Evaluation, and Contractor Engineering and Technical Services (CETS). Due to the phasing of the requirement over a three-year period,
engineering services will fluctuate depending on the number of ships in each year.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 2 / DM001 - DDG MODERNIZATION HME (MCS/DCS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:** 0604567N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (MCS/DCS)												
B Kits												
Recurring												
1.1.1) MCS/DCS EQUIPMENT FL II/IIA - NonOrganic [8]	50 / 212.895	- / -	- / -	2 / 9.762	- / -	2 / 9.762	2 / 9.958	2 / 10.156	1 / 5.180	2 / 10.568	15 / 92.512	74 / 351.031
Subtotal: Recurring	*- / 212.895*	*- / -*	*- / -*	*- / 9.762*	*- / -*	*- / 9.762*	*- / 9.958*	*- / 10.156*	*- / 5.180*	*- / 10.568*	*- / 92.512*	*- / 351.031*
Non-Recurring												
1.2.1) MCS/DCS 1ST ARTICLE & NRE - Organic	- / 8.643	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.643
Subtotal: Non-Recurring	*- / 8.643*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 8.643*
Subtotal: DM001 - DDG MODERNIZATION HME (MCS/DCS)	*50 / 221.538*	*- / -*	*- / -*	*2 / 9.762*	*- / -*	*2 / 9.762*	*2 / 9.958*	*2 / 10.156*	*1 / 5.180*	*2 / 10.568*	*15 / 92.512*	*74 / 359.674*
Subtotal: Procurement, All Modification Items	*- / 221.538*	*- / -*	*- / -*	*- / 9.762*	*- / -*	*- / 9.762*	*- / 9.958*	*- / 10.156*	*- / 5.180*	*- / 10.568*	*- / 92.512*	*- / 359.674*
Support *(All Modification Items)*												
2.1) MCS/DCS ENGINEERING SERVICES [9]	- / 151.485	- / 13.954	- / 19.233	- / 21.199	- / -	- / 21.199	- / 17.934	- / 15.188	- / 14.447	- / 14.736	- / 211.126	- / 479.302
Subtotal: Support	*- / 151.485*	*- / 13.954*	*- / 19.233*	*- / 21.199*	*- / -*	*- / 21.199*	*- / 17.934*	*- / 15.188*	*- / 14.447*	*- / 14.736*	*- / 211.126*	*- / 479.302*
Installation												
Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (MCS/DCS)	- / 437.336	- / 42.571	- / 57.705	- / 16.629	- / 0.000	- / 16.629	- / 13.088	- / 39.120	- / 38.128	- / 31.623	- / 404.734	- / 1,080.934
Subtotal: Installation	*- / 437.336*	*- / 42.571*	*- / 57.705*	*- / 16.629*	*- / -*	*- / 16.629*	*- / 13.088*	*- / 39.120*	*- / 38.128*	*- / 31.623*	*- / 404.734*	*- / 1,080.934*
Total												
Total Cost (Procurement + Support + Installation)	**810.359**	**56.525**	**76.938**	**47.590**	**0.000**	**47.590**	**40.980**	**64.464**	**57.755**	**56.927**	**708.372**	**1,919.910**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 2 / DM001 - DDG MODERNIZATION HME (MCS/DCS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (MCS/DCS)

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 16

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027	Mar 2028	Mar 2029	Jul 2030	Jul 2031
Delivery Dates			Jul 2028	Jun 2029	Jun 2030	Nov 2031	Nov 2032

Installation Information

Method of Implementation: [none specified]:: Installation Name: MCS/DCS EQUIPMENT FL II/IIA

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	42 / 437.336	3 / 42.571	4 / 57.705	1 / 14.863	0 / 0.000	1 / 14.863	- / -	- / -	- / -	- / -	0 / 0.000	50 / 552.475
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 1.766	0 / 0.000	0 / 1.766	0 / 11.271	2 / 25.824	- / -	- / -	0 / 0.000	2 / 38.861
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.817	0 / 11.598	2 / 26.437	- / -	0 / 0.000	2 / 39.852
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.698	0 / 10.838	2 / 24.423	0 / 0.000	2 / 36.959
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.853	0 / 5.445	1 / 11.141	1 / 17.439
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.755	2 / 38.638	2 / 40.393
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 354.955	15 / 354.955
Total	42 / 437.336	3 / 42.571	4 / 57.705	1 / 16.629	0 / 0.000	1 / 16.629	0 / 13.088	2 / 39.120	2 / 38.128	2 / 31.623	18 / 404.734	74 / 1,080.934

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	42	1	1	1	-	-	1	1	2	-	1	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	18	74
Out	36	-	1	1	1	-	-	3	-	2	-	1	-	1	-	1	-	2	-	1	-	-	-	-	-	-	-	-	1	23	74

Footnotes:

(8) FY26 Installation includes DDG 75 which requires Lead Maintenance Activity Contract award in Q4 2026 prior to FY2027 Availability start. Prior year procurements are for DDG 78 installation in FY25 and DDG 75 installation in FY26. Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 2 / DM001 - DDG MODERNIZATION HME (MCS/DCS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

(9) MCS Engineering Services efforts increase in FY27 in support of hardware and software integration efforts required for installation of the latest MCS equipment. This effort enables land based testing and validation of the machinery control software prior to shipboard installation.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 3 / DM001 - DDG MODERNIZATION HME (DVSS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	69.632	4.400	5.806	3.043	0.000	3.043	2.133	5.067	5.110	4.930	50.827	150.948
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	69.632	4.400	5.806	3.043	0.000	3.043	2.133	5.067	5.110	4.930	50.827	150.948
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**69.632**	**4.400**	**5.806**	**3.043**	**0.000**	**3.043**	**2.133**	**5.067**	**5.110**	**4.930**	**50.827**	**150.948**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Digital Video Surveillance System (DVSS) is a network of video cameras which are integrated into the Machinery Control System (MCS). This system is primarily a watch-stander situational awareness tool which supplements the workload reduction benefits of the new MCS.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 3 / DM001 - DDG MODERNIZATION HME (DVSS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:** 0604567N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (DVSS)												
B Kits												
Recurring												
1.1.1) DVSS Equipment - NonOrganic [(10)]	50 / 23.530	- / -	- / -	2 / 1.224	- / -	2 / 1.224	2 / 1.248	2 / 1.274	2 / 1.298	2 / 1.326	14 / 11.600	74 / 41.500
Subtotal: Recurring	*- / 23.530*	*- / -*	*- / -*	*- / 1.224*	*- / -*	*- / 1.224*	*- / 1.248*	*- / 1.274*	*- / 1.298*	*- / 1.326*	*- / 11.600*	*- / 41.500*
Non-Recurring												
1.2.1) DVSS 1st Article & NRE - Organic	- / 0.477	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.477
Subtotal: Non-Recurring	*- / 0.477*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 0.477*
Subtotal: DM001 - DDG MODERNIZATION HME (DVSS)	*50 / 24.007*	*- / -*	*- / -*	*2 / 1.224*	*- / -*	*2 / 1.224*	*2 / 1.248*	*2 / 1.274*	*2 / 1.298*	*2 / 1.326*	*14 / 11.600*	*74 / 41.977*
Subtotal: Procurement, All Modification Items	*- / 24.007*	*- / -*	*- / -*	*- / 1.224*	*- / -*	*- / 1.224*	*- / 1.248*	*- / 1.274*	*- / 1.298*	*- / 1.326*	*- / 11.600*	*- / 41.977*
Installation												
Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (DVSS)	- / 45.625	- / 4.400	- / 5.806	- / 1.819	- / 0.000	- / 1.819	- / 0.885	- / 3.793	- / 3.812	- / 3.604	- / 39.227	- / 108.971
Subtotal: Installation	*- / 45.625*	*- / 4.400*	*- / 5.806*	*- / 1.819*	*- / -*	*- / 1.819*	*- / 0.885*	*- / 3.793*	*- / 3.812*	*- / 3.604*	*- / 39.227*	*- / 108.971*
Total												
Total Cost (Procurement + Support + Installation)	**69.632**	**4.400**	**5.806**	**3.043**	**0.000**	**3.043**	**2.133**	**5.067**	**5.110**	**4.930**	**50.827**	**150.948**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 3 / DM001 - DDG MODERNIZATION HME (DVSS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (DVSS)

Manufacturer Information

Manufacturer Name: LEIDOS	Manufacturer Location: STERLING, VA
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 16

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027	Mar 2028	Mar 2029	Jul 2030	Jul 2031
Delivery Dates			Jul 2028	Jun 2029	Jun 2030	Nov 2031	Nov 2032

Installation Information

Method of Implementation: [none specified]:: Installation Name: DVSS Equipment

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	42 / 45.625	3 / 4.400	4 / 5.806	1 / 1.657	0 / 0.000	1 / 1.657	- / -	- / -	- / -	- / -	0 / 0.000	50 / 57.488
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.162	0 / 0.000	0 / 0.162	0 / 0.718	2 / 2.898	- / -	- / -	0 / 0.000	2 / 3.778
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.167	0 / 0.739	2 / 2.964	- / -	0 / 0.000	2 / 3.870
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.156	0 / 0.691	2 / 2.749	0 / 0.000	2 / 3.596
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.157	0 / 0.694	2 / 3.088	2 / 3.939
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.161	2 / 3.784	2 / 3.945
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 32.355	14 / 32.355
Total	42 / 45.625	3 / 4.400	4 / 5.806	1 / 1.819	0 / 0.000	1 / 1.819	0 / 0.885	2 / 3.793	2 / 3.812	2 / 3.604	18 / 39.227	74 / 108.971

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	42	1	1	1	-	-	1	1	2	-	1	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	18	74
Out	36	-	1	1	1	-	3	-	-	2	-	1	-	1	-	1	-	2	-	1	-	-	-	-	-	-	-	-	1	23	74

Footnotes:

(10) FY26 Installation includes DDG 75 which requires Lead Maintenance Activity Contract award in Q4 2026 prior to FY27 Availability start. Prior year procurements are for DDG 78 installation in FY25 and DDG 75 installation in FY26. Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 4 / DM001 - DDG MODERNIZATION HME (WIRELESS COMMUNICATIONS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	23.268	1.066	1.146	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.480
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	23.268	1.066	1.146	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.480
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**23.268**	**1.066**	**1.146**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**25.480**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Ship wide Interior Wireless Communication System (SIWCS) provides point-to-point coverage throughout the internal spaces of the ship as well as topside, topside-to-interior, line of sight ship-to-ship & line of sight ship-to-shore communications capabilities.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 4 / DM001 - DDG MODERNIZATION HME (WIRELESS COMMUNICATIONS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:** 0604567N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (WIRELESS COMMUNICATIONS)												
B Kits												
Recurring												
1.1.1) Wireless Communications Equipment - NonOrganic (11)	20 / 8.386	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	20 / 8.386
Subtotal: Recurring	*- / 8.386*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 8.386*
Subtotal: DM001 - DDG MODERNIZATION HME (WIRELESS COMMUNICATIONS)	*20 / 8.386*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*20 / 8.386*
Subtotal: Procurement, All Modification Items	*- / 8.386*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 8.386*
Installation												
Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (WIRELESS COMMUNICATIONS)	- / 14.882	- / 1.066	- / 1.146	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 17.094
Subtotal: Installation	*- / 14.882*	*- / 1.066*	*- / 1.146*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 17.094*
Total												
Total Cost (Procurement + Support + Installation)	**23.268**	**1.066**	**1.146**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**25.480**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 4 / DM001 - DDG MODERNIZATION HME (WIRELESS COMMUNICATIONS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (WIRELESS COMMUNICATIONS)

Manufacturer Information

Manufacturer Name: NAVAL INFORMATION WARFARE CENTER ATLANTIC	Manufacturer Location: CHARLESTON, SC
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 16

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: [none specified]:: Installation Name: Wireless Communications Equipment

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	18 / 14.882	1 / 1.066	1 / 1.146	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	20 / 17.094
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	18 / 14.882	1 / 1.066	1 / 1.146	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	20 / 17.094

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	18	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20
Out	18	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20

Footnotes:

(11) FY26 Installation includes DDG 75 which requires Lead Maintenance Activity Contract award in Q4 2026 prior to FY27 Availability start. DDG 51 Flight II prior year procurements are for DDG 78 installation in FY25 and DDG 75 installation in FY26.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 5 / DM001 - DDG MODERNIZATION HME (IBNS)
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	340.465	15.399	25.430	22.751	0.000	22.751	15.996	22.622	18.121	20.297	233.059	714.140
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	340.465	15.399	25.430	22.751	0.000	22.751	15.996	22.622	18.121	20.297	233.059	714.140
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**340.465**	**15.399**	**25.430**	**22.751**	**0.000**	**22.751**	**15.996**	**22.622**	**18.121**	**20.297**	**233.059**	**714.140**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Integrated Bridge & Navigation System (IBNS) replaces obsolete bridge consoles and introduces flexibility with how the pilot house is managed during navigation. The key benefit is the ability to operate with fewer watch-standers, reduced watch-standing workloads, and improved safety of navigation. Navigation system upgrades transitions from IBNS to the Ship Control System (SCS) and DDG Electronic Charting Display Information System (ECDIS) Navigation hardware beginning with installation in FY29.

Engineering Services:

Production Support Services are phased over a three (3) year span starting two (2) years prior to installation on a per hull basis. It includes five (5) elements that are related to the production and delivery of a usable end-item:
Production Engineering, Quality Assurance, Product Improvement, Acceptance Test and Evaluation, and Contractor Engineering and Technical Services (CETS). Due to the phasing of the requirement over a three-year period,
engineering services will fluctuate depending on the number of ships in each year.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 5 / DM001 - DDG MODERNIZATION HME (IBNS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:** 0604567N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (IBNS)												
B Kits												
Recurring												
1.1.1) IBNS Equipment - NonOrganic [12]	50 / 167.981	- / -	- / -	2 / 7.832	- / -	2 / 7.832	2 / 7.988	2 / 8.148	1 / 4.156	2 / 8.478	15 / 78.370	74 / 282.953
1.1.2) IBNS 1st Article & NRE - Organic	- / 4.186	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 4.186
Subtotal: Recurring	*- / 172.167*	*- / -*	*- / -*	*- / 7.832*	*- / -*	*- / 7.832*	*- / 7.988*	*- / 8.148*	*- / 4.156*	*- / 8.478*	*- / 78.370*	*- / 287.139*
Subtotal: DM001 - DDG MODERNIZATION HME (IBNS)	*50 / 172.167*	*- / -*	*- / -*	*2 / 7.832*	*- / -*	*2 / 7.832*	*2 / 7.988*	*2 / 8.148*	*1 / 4.156*	*2 / 8.478*	*15 / 78.370*	*74 / 287.139*
Subtotal: Procurement, All Modification Items	*- / 172.167*	*- / -*	*- / -*	*- / 7.832*	*- / -*	*- / 7.832*	*- / 7.988*	*- / 8.148*	*- / 4.156*	*- / 8.478*	*- / 78.370*	*- / 287.139*
Support *(All Modification Items)*												
2.1) ENGINEERING SERVICES [13]	- / 18.302	- / 1.497	- / 5.524	- / 9.651	- / -	- / 9.651	- / 3.579	- / 1.806	- / 1.637	- / 1.670	- / 23.923	- / 67.589
Subtotal: Support	*- / 18.302*	*- / 1.497*	*- / 5.524*	*- / 9.651*	*- / -*	*- / 9.651*	*- / 3.579*	*- / 1.806*	*- / 1.637*	*- / 1.670*	*- / 23.923*	*- / 67.589*
Installation												
Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (IBNS)	- / 149.996	- / 13.902	- / 19.906	- / 5.268	- / 0.000	- / 5.268	- / 4.429	- / 12.668	- / 12.328	- / 10.149	- / 130.766	- / 359.412
Subtotal: Installation	*- / 149.996*	*- / 13.902*	*- / 19.906*	*- / 5.268*	*- / -*	*- / 5.268*	*- / 4.429*	*- / 12.668*	*- / 12.328*	*- / 10.149*	*- / 130.766*	*- / 359.412*
Total												
Total Cost (Procurement + Support + Installation)	**340.465**	**15.399**	**25.430**	**22.751**	**0.000**	**22.751**	**15.996**	**22.622**	**18.121**	**20.297**	**233.059**	**714.140**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 5 / DM001 - DDG MODERNIZATION HME (IBNS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: DM001 - DDG MODERNIZATION HME (IBNS)

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 16

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027	Mar 2028	Mar 2029	Jul 2030	Jul 2031
Delivery Dates			Jul 2028	Jun 2029	Jun 2030	Nov 2031	Nov 2032

Installation Information

Method of Implementation: [none specified]:: Installation Name: IBNS Equipment

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	42 / 149.996	3 / 13.902	4 / 19.906	1 / 4.696	0 / 0.000	1 / 4.696	- / -	- / -	- / -	- / -	0 / 0.000	50 / 188.500
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.572	0 / 0.000	0 / 0.572	0 / 3.841	2 / 8.166	- / -	- / -	0 / 0.000	2 / 12.579
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.588	0 / 3.952	2 / 8.358	- / -	0 / 0.000	2 / 12.898
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.550	0 / 3.694	2 / 7.725	0 / 0.000	2 / 11.969
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.276	0 / 1.856	1 / 3.526	1 / 5.658
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.568	2 / 12.490	2 / 13.058
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 114.750	15 / 114.750
Total	42 / 149.996	3 / 13.902	4 / 19.906	1 / 5.268	0 / 0.000	1 / 5.268	0 / 4.429	2 / 12.668	2 / 12.328	2 / 10.149	18 / 130.766	74 / 359.412

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	42	1	1	1	-	-	1	1	2	-	1	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	18	74
Out	36	-	1	1	1	-	-	3	-	2	-	1	-	1	-	1	-	2	-	1	-	-	-	-	-	-	-	-	1	23	74

Footnotes:

(12) FY26 Installation includes DDG 75 which requires Lead Maintenance Activity Contract award in Q4 2026 prior to FY27 Availability start. Prior year procurements are for DDG 78 installation in FY25 and DDG 75 installation in FY26. Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 5 / DM001 - DDG MODERNIZATION HME (IBNS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

(13) Navigation System Engineering Services increase in FY27 in support of the transition from the Integrated Bridge Navigation System (IBNS) to the Ship Control System (SCS) and AN/SYN-1(V)1 navigation system. Engineering efforts support first time production engineering, systems integration, and design updates necessary to certify functionality and system interoperability prior to shipboard installation.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 6 / DM001 - HES-C
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	47.397	99.492	62.300	93.754	0.000	93.754	149.615	203.363	164.762	167.573	2,104.490	3,092.746
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	47.397	99.492	62.300	93.754	0.000	93.754	149.615	203.363	164.762	167.573	2,104.490	3,092.746
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**47.397**	**99.492**	**62.300**	**93.754**	**0.000**	**93.754**	**149.615**	**203.363**	**164.762**	**167.573**	**2,104.490**	**3,092.746**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

High Efficiency Super Capacity (HES-C) Chillers modernize the 50-year-old design Air Conditioning and Refrigeration (AC&R) systems installed on the DDG-51 Class. HES-C provides increased cooling capacity while reducing mechanical complexity making it lighter, more efficient and improving operational availability. This upgrade replaces five AC&R systems on each ship receiving the SPY-6(V)4 Air and Missile Defense Radar (AMDR), to be installed conjunctively.
FY25 procurements transition the HES-C system from a two-year production lead time to a three-year production lead time. Hardware procurement costs for FY27 and follow years align with awarded contract values.

Engineering support services provide Production Engineering, Quality Assurance, Product Improvement, Acceptance Test and Evaluation, and Contractor Engineering and Technical Services (CETS). Includes development and delivery of logistics support products, technical manuals, and training support for the HES-C system.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 6 / DM001 - HES-C
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: SHIP ALT	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM001 - HES-C												
B Kits												
Recurring												
1.1.1) DM001 - HES-C - NonOrganic [14]	1 / 30.000	3 / 91.350	- / -	2 / 78.826	- / -	2 / 78.826	2 / 80.404	2 / 82.012	1 / 41.825	1 / 42.662	14 / 731.496	26 / 1,178.575
Subtotal: Recurring	*- / 30.000*	*- / 91.350*	*- / -*	*- / 78.826*	*- / -*	*- / 78.826*	*- / 80.404*	*- / 82.012*	*- / 41.825*	*- / 42.662*	*- / 731.496*	*- / 1,178.575*
Subtotal: DM001 - HES-C	*1 / 30.000*	*3 / 91.350*	*- / -*	*2 / 78.826*	*- / -*	*2 / 78.826*	*2 / 80.404*	*2 / 82.012*	*1 / 41.825*	*1 / 42.662*	*14 / 731.496*	*26 / 1,178.575*
Subtotal: Procurement, All Modification Items	*- / 30.000*	*- / 91.350*	*- / -*	*- / 78.826*	*- / -*	*- / 78.826*	*- / 80.404*	*- / 82.012*	*- / 41.825*	*- / 42.662*	*- / 731.496*	*- / 1,178.575*
Support *(All Modification Items)*												
2.1) ENGINEERING SERVICES	- / 17.233	- / 5.124	- / 9.053	- / 9.234	- / -	- / 9.234	- / 9.419	- / 9.607	- / 9.799	- / 9.995	- / 143.199	- / 222.663
Subtotal: Support	*- / 17.233*	*- / 5.124*	*- / 9.053*	*- / 9.234*	*- / -*	*- / 9.234*	*- / 9.419*	*- / 9.607*	*- / 9.799*	*- / 9.995*	*- / 143.199*	*- / 222.663*
Installation												
Modification Item 1 of 1: DM001 - HES-C	- / 0.164	- / 3.018	- / 53.247	- / 5.694	- / 0.000	- / 5.694	- / 59.792	- / 111.744	- / 113.138	- / 114.916	- / 1,229.795	- / 1,691.508
Subtotal: Installation	*- / 0.164*	*- / 3.018*	*- / 53.247*	*- / 5.694*	*- / -*	*- / 5.694*	*- / 59.792*	*- / 111.744*	*- / 113.138*	*- / 114.916*	*- / 1,229.795*	*- / 1,691.508*
Total												
Total Cost (Procurement + Support + Installation)	**47.397**	**99.492**	**62.300**	**93.754**	**0.000**	**93.754**	**149.615**	**203.363**	**164.762**	**167.573**	**2,104.490**	**3,092.746**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 6 / DM001 - HES-C
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Modification Item 1 of 1: DM001 - HES-C		

Manufacturer Information

Manufacturer Name: JOHNSON CONTROLS NAVY SYSTEMS	Manufacturer Location: YORK, PA
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 36

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Apr 2025		Jan 2027	Apr 2028	Jun 2029	Jan 2030	Mar 2031
Delivery Dates	Apr 2027		Jan 2030	Apr 2031	Jun 2032	Jan 2033	Mar 2034

Installation Information

Method of Implementation: [none specified]:: Installation Name: DM001 - HES-C

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	0 / 0.164	0 / 2.851	1 / 52.737	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 55.752
FY 2025	- / -	0 / 0.167	0 / 0.510	0 / 5.694	0 / 0.000	0 / 5.694	1 / 59.233	2 / 101.424	- / -	- / -	0 / 0.000	3 / 167.028
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.559	0 / 9.798	2 / 103.456	- / -	0 / 0.000	2 / 113.813
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.522	0 / 9.157	2 / 105.445	0 / 0.000	2 / 115.124
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.525	0 / 9.201	2 / 107.640	2 / 117.366
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.270	1 / 59.547	1 / 59.817
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 61.058	1 / 61.058
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 1,001.550	14 / 1,001.550
Total	0 / 0.164	0 / 3.018	1 / 53.247	0 / 5.694	0 / 0.000	0 / 5.694	1 / 59.792	2 / 111.744	2 / 113.138	2 / 114.916	18 / 1,229.795	26 / 1,691.508

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	1	-	1	1	-	-	-	1	1	18	26
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	23	26

Footnotes:

(14) Hardware procurement costs for FY27 and following years align with awarded contract values. HES-C Production lead time increased from 2 to 3 years in FY25. Prior year (FY25) procurement deferred from DDG 93 is planned for installation on future year hull [DDG 104]. Prior year (FY25) procurement deferred from DDG 97 is planned for installation on future year hull [DDG 96]. All budget requests have been adjusted to account for equipment utilization on future year hulls.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 7 / DM003 - MK 160 MOD 15 GWS
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	161.297	6.230	7.720	12.692	0.000	12.692	12.104	15.560	11.463	15.270	159.618	401.954
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	161.297	6.230	7.720	12.692	0.000	12.692	12.104	15.560	11.463	15.270	159.618	401.954
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**161.297**	**6.230**	**7.720**	**12.692**	**0.000**	**12.692**	**12.104**	**15.560**	**11.463**	**15.270**	**159.618**	**401.954**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Procures MK 160 Mod 15 Gun Weapon System (GWS) that includes equipment procurement, recurring engineering, equipment integration and Integrated Logistics Support (ILS) products for DDG 51 Class ships.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 7 / DM003 - MK 160 MOD 15 GWS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM003 - MK 160 MOD 15 GWS												
B Kits												
Recurring												
1.1.1) MK 160 MOD 15 GWS EQUIPMENT - NonOrganic (15)	29 / 98.293	- / -	- / -	2 / 7.958	- / -	2 / 7.958	2 / 8.118	2 / 8.280	1 / 4.223	2 / 8.614	15 / 79.634	53 / 215.120
Subtotal: Recurring	*- / 98.293*	*- / -*	*- / -*	*- / 7.958*	*- / -*	*- / 7.958*	*- / 8.118*	*- / 8.280*	*- / 4.223*	*- / 8.614*	*- / 79.634*	*- / 215.120*
Subtotal: DM003 - MK 160 MOD 15 GWS	*29 / 98.293*	*- / -*	*- / -*	*2 / 7.958*	*- / -*	*2 / 7.958*	*2 / 8.118*	*2 / 8.280*	*1 / 4.223*	*2 / 8.614*	*15 / 79.634*	*53 / 215.120*
Subtotal: Procurement, All Modification Items	*- / 98.293*	*- / -*	*- / -*	*- / 7.958*	*- / -*	*- / 7.958*	*- / 8.118*	*- / 8.280*	*- / 4.223*	*- / 8.614*	*- / 79.634*	*- / 215.120*
Support *(All Modification Items)*												
2.1) ENGINEERING SERVICES	- / 31.724	- / 2.599	- / 2.646	- / 2.694	- / -	- / 2.694	- / 2.742	- / 2.792	- / 2.842	- / 2.899	- / 41.532	- / 92.470
Subtotal: Support	*- / 31.724*	*- / 2.599*	*- / 2.646*	*- / 2.694*	*- / -*	*- / 2.694*	*- / 2.742*	*- / 2.792*	*- / 2.842*	*- / 2.899*	*- / 41.532*	*- / 92.470*
Installation												
Modification Item 1 of 1: DM003 - MK 160 MOD 15 GWS	- / 31.280	- / 3.631	- / 5.074	- / 2.040	- / 0.000	- / 2.040	- / 1.244	- / 4.488	- / 4.398	- / 3.757	- / 38.452	- / 94.364
Subtotal: Installation	*- / 31.280*	*- / 3.631*	*- / 5.074*	*- / 2.040*	*- / -*	*- / 2.040*	*- / 1.244*	*- / 4.488*	*- / 4.398*	*- / 3.757*	*- / 38.452*	*- / 94.364*
Total												
Total Cost (Procurement + Support + Installation)	**161.297**	**6.230**	**7.720**	**12.692**	**0.000**	**12.692**	**12.104**	**15.560**	**11.463**	**15.270**	**159.618**	**401.954**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 7 / DM003 - MK 160 MOD 15 GWS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DM003 - MK 160 MOD 15 GWS

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027	Mar 2028	Mar 2029	Jul 2030	Jul 2031
Delivery Dates			Aug 2028	Aug 2029	Aug 2030	Jan 2032	Jan 2033

Installation Information

Method of Implementation: [none specified]:: Installation Name: MK 160 MOD 15 GWS EQUIPMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	23 / 31.280	2 / 3.631	3 / 5.074	1 / 1.846	0 / 0.000	1 / 1.846	- / -	- / -	- / -	- / -	0 / 0.000	29 / 41.831
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.194	0 / 0.000	0 / 0.194	0 / 1.044	2 / 3.226	- / -	- / -	0 / 0.000	2 / 4.464
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.200	0 / 1.075	2 / 3.300	- / -	0 / 0.000	2 / 4.575
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.187	0 / 1.004	2 / 3.060	0 / 0.000	2 / 4.251
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.094	0 / 0.504	1 / 1.402	1 / 2.000
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.193	2 / 3.612	2 / 3.805
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 33.438	15 / 33.438
Total	23 / 31.280	2 / 3.631	3 / 5.074	1 / 2.040	0 / 0.000	1 / 2.040	0 / 1.244	2 / 4.488	2 / 4.398	2 / 3.757	18 / 38.452	53 / 94.364

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	23	1	1	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	18	53
Out	17	-	1	1	1	-	-	3	-	1	-	1	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	23	53

Footnotes:

(15) Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 8 / DM004 - AWS UPGRADE
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	1,239.557	79.574	96.914	89.882	0.000	89.882	72.695	114.907	106.554	68.144	1,553.557	3,421.784
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,239.557	79.574	96.914	89.882	0.000	89.882	72.695	114.907	106.554	68.144	1,553.557	3,421.784
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,239.557**	**79.574**	**96.914**	**89.882**	**0.000**	**89.882**	**72.695**	**114.907**	**106.554**	**68.144**	**1,553.557**	**3,421.784**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Procures equipment for the AEGIS Weapon System (AWS) Upgrades that includes equipment procurement, recurring engineering, equipment integration, installation and Integrated Logistics Support (ILS) products for DDG 51 Class ships.

Engineering Services:

Production Support Services are phased over a three (3) year span starting two (2) years prior to installation on a per hull basis. It includes five (5) elements that are related to the production and delivery of a usable end-item:
Production Engineering, Quality Assurance, Product Improvement, Acceptance Test and Evaluation, and Contractor Engineering and Technical Services (CETS). Due to the phasing of the requirement over a three-year period,
engineering services will fluctuate depending on the number of ships in each year.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 8 / DM004 - AWS UPGRADE
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: SHIP ALT	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM004 - AWS UPGRADE												
B Kits												
Recurring												
1.1.1) AWS EQUIPMENT - NonOrganic (16)	29 / 592.344	- / -	- / -	2 / 44.850	- / -	2 / 44.850	2 / 45.748	1 / 23.331	1 / 23.798	1 / 24.273	17 / 496.412	53 / 1,250.756
Subtotal: Recurring	*- / 592.344*	*- / -*	*- / -*	*- / 44.850*	*- / -*	*- / 44.850*	*- / 45.748*	*- / 23.331*	*- / 23.798*	*- / 24.273*	*- / 496.412*	*- / 1,250.756*
Subtotal: DM004 - AWS UPGRADE	*29 / 592.344*	*- / -*	*- / -*	*2 / 44.850*	*- / -*	*2 / 44.850*	*2 / 45.748*	*1 / 23.331*	*1 / 23.798*	*1 / 24.273*	*17 / 496.412*	*53 / 1,250.756*
Subtotal: Procurement, All Modification Items	*- / 592.344*	*- / -*	*- / -*	*- / 44.850*	*- / -*	*- / 44.850*	*- / 45.748*	*- / 23.331*	*- / 23.798*	*- / 24.273*	*- / 496.412*	*- / 1,250.756*
Support *(All Modification Items)*												
2.1) ENGINEERING SERVICES	- / 47.536	- / 4.356	- / 4.435	- / 4.514	- / -	- / 4.514	- / 4.596	- / 4.678	- / 4.763	- / 4.858	- / 69.605	- / 149.341
Subtotal: Support	*- / 47.536*	*- / 4.356*	*- / 4.435*	*- / 4.514*	*- / -*	*- / 4.514*	*- / 4.596*	*- / 4.678*	*- / 4.763*	*- / 4.858*	*- / 69.605*	*- / 149.341*
Installation												
Modification Item 1 of 1: DM004 - AWS UPGRADE	- / 599.677	- / 75.218	- / 92.479	- / 40.518	- / 0.000	- / 40.518	- / 22.351	- / 86.898	- / 77.993	- / 39.013	- / 987.540	- / 2,021.687
Subtotal: Installation	*- / 599.677*	*- / 75.218*	*- / 92.479*	*- / 40.518*	*- / -*	*- / 40.518*	*- / 22.351*	*- / 86.898*	*- / 77.993*	*- / 39.013*	*- / 987.540*	*- / 2,021.687*
Total												
Total Cost (Procurement + Support + Installation)	**1,239.557**	**79.574**	**96.914**	**89.882**	**0.000**	**89.882**	**72.695**	**114.907**	**106.554**	**68.144**	**1,553.557**	**3,421.784**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 8 / DM004 - AWS UPGRADE
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DM004 - AWS UPGRADE

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 24

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Jan 2027	Jan 2028	Apr 2029	Jun 2030	Jan 2031
Delivery Dates			Jan 2029	Jan 2030	Apr 2031	Jun 2032	Jan 2033

Installation Information

Method of Implementation: [none specified]:: Installation Name: AWS EQUIPMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	23 / 599.677	2 / 75.218	3 / 92.479	1 / 36.823	0 / 0.000	1 / 36.823	- / -	- / -	- / -	- / -	0 / 0.000	29 / 804.197
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 3.695	0 / 0.000	0 / 3.695	0 / 18.549	2 / 66.076	- / -	- / -	0 / 0.000	2 / 88.320
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 3.802	0 / 19.087	2 / 67.499	- / -	0 / 0.000	2 / 90.388
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.735	0 / 8.709	1 / 28.215	0 / 0.000	1 / 38.659
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.785	0 / 8.961	1 / 28.929	1 / 39.675
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.837	1 / 44.125	1 / 45.962
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	17 / 914.486	17 / 914.486
Total	23 / 599.677	2 / 75.218	3 / 92.479	1 / 40.518	0 / 0.000	1 / 40.518	0 / 22.351	2 / 86.898	2 / 77.993	1 / 39.013	19 / 987.540	53 / 2,021.687

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	23	1	1	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	-	19	53
Out	17	-	1	1	1	-	3	-	-	1	-	1	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	23	53

Footnotes:

(16) Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 9 / DM005 - MULTI-MISSION SIGPRO
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	606.028	30.141	18.488	5.848	0.000	5.848	0.000	0.000	0.000	0.000	0.000	660.505
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	606.028	30.141	18.488	5.848	0.000	5.848	0.000	0.000	0.000	0.000	0.000	660.505
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**606.028**	**30.141**	**18.488**	**5.848**	**0.000**	**5.848**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**660.505**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Procures Multi-Mission SIGPRO combat systems that includes equipment procurement, recurring engineering, equipment integration and Integrated Logistics Support (ILS) products for DDG 51 Class ships. This upgrade is applicable only to hulls not receiving the SPY-6(V)4 radar upgrade.

Engineering Services:
Production Support Services are phased over a three (3) year span starting two (2) years prior to installation on a per hull basis. It includes five (5) elements that are related to the production and delivery of a usable end-item: Production Engineering, Quality Assurance, Product Improvement, Acceptance Test and Evaluation, and Contractor Engineering and Technical Services (CETS). Due to the three-year phasing to support these requirements, engineering services will fluctuate based on the procurements and installations planned.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 9 / DM005 - MULTI-MISSION SIGPRO
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM005 - MULTI-MISSION SIGPRO												
B Kits												
Recurring												
1.1.1) MULTI-MISSION SIGPRO EQUIPMENT - NonOrganic (17)	29 / 476.958	1 / 18.511	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	30 / 495.469
Subtotal: Recurring	*- / 476.958*	*- / 18.511*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 495.469*
Subtotal: DM005 - MULTI-MISSION SIGPRO	*29 / 476.958*	*1 / 18.511*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*30 / 495.469*
Subtotal: Procurement, All Modification Items	*- / 476.958*	*- / 18.511*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 495.469*
Support *(All Modification Items)*												
2.1) ENGINEERING SERVICES	- / 38.122	- / 3.716	- / 3.791	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 45.629
Subtotal: Support	*- / 38.122*	*- / 3.716*	*- / 3.791*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 45.629*
Installation												
Modification Item 1 of 1: DM005 - MULTI-MISSION SIGPRO	- / 90.948	- / 7.914	- / 14.697	- / 5.848	- / 0.000	- / 5.848	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 119.407
Subtotal: Installation	*- / 90.948*	*- / 7.914*	*- / 14.697*	*- / 5.848*	*- / -*	*- / 5.848*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 119.407*
Total												
Total Cost (Procurement + Support + Installation)	**606.028**	**30.141**	**18.488**	**5.848**	**0.000**	**5.848**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**660.505**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 9 / DM005 - MULTI-MISSION SIGPRO
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DM005 - MULTI-MISSION SIGPRO

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	May 2025						
Delivery Dates	Oct 2026						

Installation Information

Method of Implementation: [none specified]:: Installation Name: MULTI-MISSION SIGPRO EQUIPMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	24 / 90.948	2 / 7.734	3 / 13.547	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	29 / 112.229
FY 2025	- / -	0 / 0.180	0 / 1.150	1 / 5.848	0 / 0.000	1 / 5.848	- / -	- / -	- / -	- / -	0 / 0.000	1 / 7.178
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	24 / 90.948	2 / 7.914	3 / 14.697	1 / 5.848	0 / 0.000	1 / 5.848	- / -	- / -	- / -	- / -	0 / 0.000	30 / 119.407

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	24	1	1	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30
Out	18	-	1	1	1	-	-	3	-	1	-	1	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	30

Footnotes:

(17) Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 103 in FY26. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 103.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 10 / DM006 - MULTI-MISSION SSA/CWI MICROWAVE TUBES
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	30.919	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.919
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	30.919	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	30.919
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**30.919**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**30.919**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Procures Multi-Mission Solid State Amplifier (SSA)/Continuous Wave Illumination (CWI) Microwave Tubes upgrades for DDG Modernization Program that includes equipment procurement, recurring engineering, equipment integration and Integrated Logistics Support (ILS) products for DDG 51 Class ships. This upgrade is applicable only to hulls not receiving the SPY-6(V)4 radar upgrade.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 10 / DM006 - MULTI-MISSION SSA/CWI MICROWAVE TUBES
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM006 - MULTI-MISSION SSA/CWI MICROWAVE TUBES												
B Kits												
Recurring												
1.1.1) MULTI-MISSION SSA/CWI MICROWAVE TUBES EQUIPMENT - Organic [18]	29 / 30.919	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 30.919
Subtotal: Recurring	*- / 30.919*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 30.919*
Subtotal: DM006 - MULTI-MISSION SSA/CWI MICROWAVE TUBES	*29 / 30.919*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*29 / 30.919*
Subtotal: Procurement, All Modification Items	*- / 30.919*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 30.919*
Installation												
Subtotal: Installation	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*
Total												
Total Cost (Procurement + Support + Installation)	**30.919**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**30.919**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 10 / DM006 - MULTI-MISSION SSA/CWI MICROWAVE TUBES
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Modification Item 1 of 1: DM006 - MULTI-MISSION SSA/CWI MICROWAVE TUBES		

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Footnotes:

(18) Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101. Installation efforts are accomplished via Alteration Installation Team (AITs) and the AEGIS Modernization Testing Team resourced in DM6IN.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 11 / DM008 - MULTI-MISSION BMD CAPABILITY CARDS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	51.989	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	51.989
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	51.989	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	51.989
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**51.989**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**51.989**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Procures Multi-Mission Ballistic Missile Defense (BMD) Capability Cards combat systems that includes equipment procurement, recurring engineering, equipment integration and Integrated Logistics Support (ILS) products for DDG 51 Class ships.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 11 / DM008 - MULTI-MISSION BMD CAPABILITY CARDS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM008 - MULTI-MISSION BMD CAPABILITY CARDS												
B Kits												
Recurring												
1.1.1) MULTI-MISSION BMD EQUIPMENT - Organic (19)	29 / 51.989	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	29 / 51.989
Subtotal: Recurring	- / *51.989*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / *0.000*	- / *51.989*
Subtotal: DM008 - MULTI-MISSION BMD CAPABILITY CARDS	*29 / 51.989*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	*29 / 51.989*
Subtotal: Procurement, All Modification Items	- / *51.989*	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / *0.000*	- / *51.989*
Installation												
Subtotal: Installation	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total												
Total Cost (Procurement + Support + Installation)	**51.989**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**51.989**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 11 / DM008 - MULTI-MISSION BMD CAPABILITY CARDS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Modification Item 1 of 1: DM008 - MULTI-MISSION BMD CAPABILITY CARDS		

Manufacturer Information

Manufacturer Name: LOCKHEED MARTIN	Manufacturer Location: MOORESTOWN, NJ
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Footnotes:

(19) Installation efforts are accomplished via Alteration Installation Team (AITs) and the AEGIS Modernization Testing Team resourced in DM6IN.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 12 / DM009 - VLS UPGRADES
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	280.999	11.775	14.089	22.271	0.000	22.271	21.195	26.721	20.333	19.504	305.740	722.627
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	280.999	11.775	14.089	22.271	0.000	22.271	21.195	26.721	20.333	19.504	305.740	722.627
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**280.999**	**11.775**	**14.089**	**22.271**	**0.000**	**22.271**	**21.195**	**26.721**	**20.333**	**19.504**	**305.740**	**722.627**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Procures Vertical Launch System (VLS) Modifications, Evolved Sea Sparrow Missile VLS Modifications, SM3 Operability Heating Ventilation Air Conditioning (HVAC) and VLS MODS for SM3 Block 3 combat systems that includes equipment procurement, recurring engineering, equipment integration and Integrated Logistics Support (ILS) products for DDG 51 Class ships.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 12 / DM009 - VLS UPGRADES
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: SHIP ALT	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM009 - VLS UPGRADES												
B Kits												
Recurring												
1.1.1) VLS EQUIPMENT - NonOrganic [20]	29 / 165.061	- / -	- / -	2 / 12.516	- / -	2 / 12.516	2 / 12.766	2 / 13.022	1 / 6.641	1 / 6.774	16 / 132.019	53 / 348.799
Subtotal: Recurring	*- / 165.061*	*- / -*	*- / -*	*- / 12.516*	*- / -*	*- / 12.516*	*- / 12.766*	*- / 13.022*	*- / 6.641*	*- / 6.774*	*- / 132.019*	*- / 348.799*
Subtotal: DM009 - VLS UPGRADES	*29 / 165.061*	*- / -*	*- / -*	*2 / 12.516*	*- / -*	*2 / 12.516*	*2 / 12.766*	*2 / 13.022*	*1 / 6.641*	*1 / 6.774*	*16 / 132.019*	*53 / 348.799*
Subtotal: Procurement, All Modification Items	*- / 165.061*	*- / -*	*- / -*	*- / 12.516*	*- / -*	*- / 12.516*	*- / 12.766*	*- / 13.022*	*- / 6.641*	*- / 6.774*	*- / 132.019*	*- / 348.799*
Support *(All Modification Items)*												
2.1) ENGINEERING SERVICES	- / 67.914	- / 6.279	- / 6.392	- / 6.507	- / -	- / 6.507	- / 6.624	- / 6.744	- / 6.865	- / 7.002	- / 100.323	- / 214.650
Subtotal: Support	*- / 67.914*	*- / 6.279*	*- / 6.392*	*- / 6.507*	*- / -*	*- / 6.507*	*- / 6.624*	*- / 6.744*	*- / 6.865*	*- / 7.002*	*- / 100.323*	*- / 214.650*
Installation												
Modification Item 1 of 1: DM009 - VLS UPGRADES	- / 48.024	- / 5.496	- / 7.697	- / 3.248	- / 0.000	- / 3.248	- / 1.805	- / 6.955	- / 6.827	- / 5.728	- / 73.398	- / 159.178
Subtotal: Installation	*- / 48.024*	*- / 5.496*	*- / 7.697*	*- / 3.248*	*- / -*	*- / 3.248*	*- / 1.805*	*- / 6.955*	*- / 6.827*	*- / 5.728*	*- / 73.398*	*- / 159.178*
Total												
Total Cost (Procurement + Support + Installation)	**280.999**	**11.775**	**14.089**	**22.271**	**0.000**	**22.271**	**21.195**	**26.721**	**20.333**	**19.504**	**305.740**	**722.627**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 12 / DM009 - VLS UPGRADES
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DM009 - VLS UPGRADES

Manufacturer Information

Manufacturer Name: LOCKHEED MARTIN	Manufacturer Location: MOORESTOWN, NJ
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027	Mar 2028	Mar 2029	Jul 2030	Mar 2031
Delivery Dates			Aug 2028	Aug 2029	Aug 2030	Jan 2031	Aug 2031

Installation Information

Method of Implementation: [none specified]:: Installation Name: VLS EQUIPMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	23 / 48.024	2 / 5.496	3 / 7.697	1 / 2.942	0 / 0.000	1 / 2.942	- / -	- / -	- / -	- / -	0 / 0.000	29 / 64.159
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.306	0 / 0.000	0 / 0.306	0 / 1.491	2 / 5.127	- / -	- / -	0 / 0.000	2 / 6.924
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.314	0 / 1.534	2 / 5.246	- / -	0 / 0.000	2 / 7.094
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.294	0 / 1.433	2 / 4.856	0 / 0.000	2 / 6.583
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.148	0 / 0.720	1 / 2.221	1 / 3.089
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.152	1 / 3.460	1 / 3.612
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 67.717	16 / 67.717
Total	23 / 48.024	2 / 5.496	3 / 7.697	1 / 3.248	0 / 0.000	1 / 3.248	0 / 1.805	2 / 6.955	2 / 6.827	2 / 5.728	18 / 73.398	53 / 159.178

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	23	1	1	-	-	-	1	1	1	-	-	1	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	18	53
Out	17	-	1	1	1	-	-	3	-	1	-	1	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	23	53

Footnotes:

(20) Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 13 / DM011 - AN/SQQ-89 A(V15)
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	179.789	4.234	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	184.023
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	179.789	4.234	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	184.023
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**179.789**	**4.234**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**184.023**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Procures improved AN/SQQ-89(V)15 with Multi-Function Towed Array (MFTA) to replace the installed MIL-STD AN/SQQ-89(V) including equipment procurement, recurring engineering, equipment integration, installation and Integrated Logistics Support (ILS) products for DDG 51 Class ships.SQQ-89 will complete its last install on DDG 78.

Engineering Services:

Production Support Services are phased over a three (3) year span starting two (2) years prior to installation on a per hull basis. It includes five (5) elements that are related to the production and delivery of a usable end-item:
Production Engineering, Quality Assurance, Product Improvement, Acceptance Test and Evaluation, and Contractor Engineering and Technical Services (CETS). Due to the phasing of the requirement over a three year period,
engineering services will fluctuate depending on the number of ships in each year.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 13 / DM011 - AN/SQQ-89 A(V15)
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: SHIP ALT	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM011 - AN/SQQ-89 A(V15)												
B Kits												
Recurring												
1.1.1) AN/SQQ-89 EQUIPMENT A(V15) - NonOrganic (21)	12 / 94.095	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 94.095
Subtotal: Recurring	*- / 94.095*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 94.095*
Subtotal: DM011 - AN/SQQ-89 A(V15)	*12 / 94.095*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*12 / 94.095*
Subtotal: Procurement, All Modification Items	*- / 94.095*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 94.095*
Support *(All Modification Items)*												
2.1) ENGINEERING SERVICES	- / 32.778	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 32.778
Subtotal: Support	*- / 32.778*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 32.778*
Installation												
Modification Item 1 of 1: DM011 - AN/SQQ-89 A(V15)	- / 52.916	- / 4.234	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 57.150
Subtotal: Installation	*- / 52.916*	*- / 4.234*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 57.150*
Total												
Total Cost (Procurement + Support + Installation)	**179.789**	**4.234**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**184.023**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 13 / DM011 - AN/SQQ-89 A(V15)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DM011 - AN/SQQ-89 A(V15)

Manufacturer Information

Manufacturer Name: LOCKHEED MARTIN	Manufacturer Location: SYRACUSE, NY
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: [none specified]:: Installation Name: AN/SQQ-89 EQUIPMENT A(V15)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	11 / 52.916	1 / 4.234	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	12 / 57.150
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	11 / 52.916	1 / 4.234	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	12 / 57.150

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	11	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12
Out	11	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12

Footnotes:

(21) Prior year procurement for DDG 78 installation in FY25.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 14 / DM013 - (1 MC/DIAS UPGRADE)
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	81.329	12.281	16.346	5.761	0.000	5.761	3.738	11.749	11.785	11.203	119.973	274.165
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	81.329	12.281	16.346	5.761	0.000	5.761	3.738	11.749	11.785	11.203	119.973	274.165
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**81.329**	**12.281**	**16.346**	**5.761**	**0.000**	**5.761**	**3.738**	**11.749**	**11.785**	**11.203**	**119.973**	**274.165**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Procures the Dynalec Integrated Announcing System (DIAS) that replaces the ship's existing obsolete and unreliable general announcing system, enabling controlling watch stations to announce ship critical information to the crew.
Integrated Logistics Support includes development of ILS documentation, review and certification. Environmental Quality Testing includes Shock, Vibration and Electromagnetic Interference (EMI) certification to ensure DIAS meets survivability requirements.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 14 / DM013 - (1 MC/DIAS UPGRADE)
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: SHIP ALT	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM013 - (1 MC/DIAS UPGRADE)												
B Kits												
Recurring												
1.1.1) 1 MC/DIAS EQUIPMENT - NonOrganic (22)	32 / 6.744	- / -	- / -	2 / 0.686	- / -	2 / 0.686	2 / 0.700	2 / 0.714	2 / 0.728	2 / 0.742	14 / 6.501	56 / 16.815
Subtotal: Recurring	*- / 6.744*	*- / -*	*- / -*	*- / 0.686*	*- / -*	*- / 0.686*	*- / 0.700*	*- / 0.714*	*- / 0.728*	*- / 0.742*	*- / 6.501*	*- / 16.815*
Subtotal: DM013 - (1 MC/DIAS UPGRADE)	*32 / 6.744*	*- / -*	*- / -*	*2 / 0.686*	*- / -*	*2 / 0.686*	*2 / 0.700*	*2 / 0.714*	*2 / 0.728*	*2 / 0.742*	*14 / 6.501*	*56 / 16.815*
Subtotal: Procurement, All Modification Items	*- / 6.744*	*- / -*	*- / -*	*- / 0.686*	*- / -*	*- / 0.686*	*- / 0.700*	*- / 0.714*	*- / 0.728*	*- / 0.742*	*- / 6.501*	*- / 16.815*
Installation												
Modification Item 1 of 1: DM013 - (1 MC/DIAS UPGRADE)	- / 74.585	- / 12.281	- / 16.346	- / 5.075	- / 0.000	- / 5.075	- / 3.038	- / 11.035	- / 11.057	- / 10.461	- / 113.472	- / 257.350
Subtotal: Installation	*- / 74.585*	*- / 12.281*	*- / 16.346*	*- / 5.075*	*- / -*	*- / 5.075*	*- / 3.038*	*- / 11.035*	*- / 11.057*	*- / 10.461*	*- / 113.472*	*- / 257.350*
Total												
Total Cost (Procurement + Support + Installation)	**81.329**	**12.281**	**16.346**	**5.761**	**0.000**	**5.761**	**3.738**	**11.749**	**11.785**	**11.203**	**119.973**	**274.165**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 14 / DM013 - (1 MC/DIAS UPGRADE)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DM013 - (1 MC/DIAS UPGRADE)

Manufacturer Information

Manufacturer Name: NAVAL INFORMATION WARFARE CENTER ATLANTIC	Manufacturer Location: CHARLESTON, SC
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 16

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027	Mar 2028	Mar 2029	Jul 2030	Mar 2031
Delivery Dates			Jul 2028	Jun 2029	Jun 2030	Nov 2031	Jun 2032

Installation Information

Method of Implementation: [none specified]:: Installation Name: 1 MC/DIAS EQUIPMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	24 / 74.585	3 / 12.281	4 / 16.346	1 / 4.581	0 / 0.000	1 / 4.581	- / -	- / -	- / -	- / -	0 / 0.000	32 / 107.793
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.494	0 / 0.000	0 / 0.494	0 / 2.529	2 / 7.958	- / -	- / -	0 / 0.000	2 / 10.981
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.509	0 / 2.602	2 / 8.148	- / -	0 / 0.000	2 / 11.259
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.475	0 / 2.432	2 / 7.526	0 / 0.000	2 / 10.433
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.477	0 / 2.444	2 / 8.509	2 / 11.430
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.491	2 / 10.969	2 / 11.460
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 93.994	14 / 93.994
Total	24 / 74.585	3 / 12.281	4 / 16.346	1 / 5.075	0 / 0.000	1 / 5.075	0 / 3.038	2 / 11.035	2 / 11.057	2 / 10.461	18 / 113.472	56 / 257.350

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	24	1	1	1	-	-	1	1	2	-	1	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	18	56
Out	19	-	1	1	1	-	-	3	-	2	-	1	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	23	56

Footnotes:

(22) Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 15 / DM013 - (MORIAH WIND SYSTEM)
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	34.281	2.970	2.070	1.562	0.000	1.562	1.058	1.617	0.935	1.006	0.000	45.499
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	34.281	2.970	2.070	1.562	0.000	1.562	1.058	1.617	0.935	1.006	0.000	45.499
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**34.281**	**2.970**	**2.070**	**1.562**	**0.000**	**1.562**	**1.058**	**1.617**	**0.935**	**1.006**	**0.000**	**45.499**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Procures the Moriah Wind System (MWS) that provides DDGs with a digital wind speed and directional information to support safe execution of air, combat and casualty operations.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 15 / DM013 - (MORIAH WIND SYSTEM)
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: SHIP ALT	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM013 - (MORIAH WIND SYSTEM)												
B Kits												
Recurring												
1.1.1) MORIAH WIND SYSTEM EQUIPMENT - NonOrganic [23]	31 / 6.641	- / -	- / -	1 / 0.356	- / -	1 / 0.356	- / -	1 / 0.370	- / -	- / -	- / -	33 / 7.367
Subtotal: Recurring	*- / 6.641*	*- / -*	*- / -*	*- / 0.356*	*- / -*	*- / 0.356*	*- / -*	*- / 0.370*	*- / -*	*- / -*	*- / 0.000*	*- / 7.367*
Subtotal: DM013 - (MORIAH WIND SYSTEM)	*31 / 6.641*	*- / -*	*- / -*	*1 / 0.356*	*- / -*	*1 / 0.356*	*- / -*	*1 / 0.370*	*- / -*	*- / -*	*- / -*	*33 / 7.367*
Subtotal: Procurement, All Modification Items	*- / 6.641*	*- / -*	*- / -*	*- / 0.356*	*- / -*	*- / 0.356*	*- / -*	*- / 0.370*	*- / -*	*- / -*	*- / 0.000*	*- / 7.367*
Installation												
Modification Item 1 of 1: DM013 - (MORIAH WIND SYSTEM)	- / 27.640	- / 2.970	- / 2.070	- / 1.206	- / 0.000	- / 1.206	- / 1.058	- / 1.247	- / 0.935	- / 1.006	- / 0.000	- / 38.132
Subtotal: Installation	*- / 27.640*	*- / 2.970*	*- / 2.070*	*- / 1.206*	*- / -*	*- / 1.206*	*- / 1.058*	*- / 1.247*	*- / 0.935*	*- / 1.006*	*- / 0.000*	*- / 38.132*
Total												
Total Cost (Procurement + Support + Installation)	**34.281**	**2.970**	**2.070**	**1.562**	**0.000**	**1.562**	**1.058**	**1.617**	**0.935**	**1.006**	**0.000**	**45.499**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 15 / DM013 - (MORIAH WIND SYSTEM)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DM013 - (MORIAH WIND SYSTEM)

Manufacturer Information

Manufacturer Name: NAWCAD LAKEHURST	Manufacturer Location: LAKEHURST, NJ
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 16

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027		Mar 2029		
Delivery Dates			Jul 2028		Jun 2030		

Installation Information

Method of Implementation: [none specified]:: Installation Name: MORIAH WIND SYSTEM EQUIPMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	25 / 27.640	3 / 2.970	2 / 2.070	1 / 1.101	0 / 0.000	1 / 1.101	- / -	- / -	- / -	- / -	0 / 0.000	31 / 33.781
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.105	0 / 0.000	0 / 0.105	0 / 1.058	1 / 1.154	- / -	- / -	0 / 0.000	1 / 2.317
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.093	0 / 0.935	1 / 1.006	0 / 0.000	1 / 2.034
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	25 / 27.640	3 / 2.970	2 / 2.070	1 / 1.206	0 / 0.000	1 / 1.206	0 / 1.058	1 / 1.247	0 / 0.935	1 / 1.006	0 / 0.000	33 / 38.132

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	25	1	1	1	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	33
Out	19	-	1	1	1	-	-	3	-	2	-	1	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	2	33

Footnotes:

(23) Prior year procurements support planned installations through FY2027. All budget requests have been adjusted to account for equipment utilization.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 16 / DM013 - (IVCS UPGRADE)
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	151.506	18.284	23.411	16.695	0.000	16.695	11.868	28.665	28.878	27.787	288.096	595.190
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	151.506	18.284	23.411	16.695	0.000	16.695	11.868	28.665	28.878	27.787	288.096	595.190
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**151.506**	**18.284**	**23.411**	**16.695**	**0.000**	**16.695**	**11.868**	**28.665**	**28.878**	**27.787**	**288.096**	**595.190**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Procures the AN/STC-3(V)3 Internal Voice Communication System (IVCS) that replaces the ship's existing obsolete telephone services system that provides voice communications between spaces in the ship, along with ship to shore services. Integrated Logistics Support includes development of ILS documentation, review and certification. Environmental Quality Testing includes Shock, Vibration and EMI certification to ensure IVCS meets survivability requirements.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 16 / DM013 - (IVCS UPGRADE)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM013 - (IVCS UPGRADE)												
B Kits												
Recurring												
1.1.1) IVCS EQUIPMENT - NonOrganic (24)	22 / 49.513	- / -	- / -	2 / 6.186	- / -	2 / 6.186	2 / 6.308	2 / 6.434	2 / 6.564	2 / 6.694	14 / 58.615	46 / 140.314
Subtotal: Recurring	*- / 49.513*	*- / -*	*- / -*	*- / 6.186*	*- / -*	*- / 6.186*	*- / 6.308*	*- / 6.434*	*- / 6.564*	*- / 6.694*	*- / 58.615*	*- / 140.314*
Subtotal: DM013 - (IVCS UPGRADE)	*22 / 49.513*	*- / -*	*- / -*	*2 / 6.186*	*- / -*	*2 / 6.186*	*2 / 6.308*	*2 / 6.434*	*2 / 6.564*	*2 / 6.694*	*14 / 58.615*	*46 / 140.314*
Subtotal: Procurement, All Modification Items	*- / 49.513*	*- / -*	*- / -*	*- / 6.186*	*- / -*	*- / 6.186*	*- / 6.308*	*- / 6.434*	*- / 6.564*	*- / 6.694*	*- / 58.615*	*- / 140.314*
Installation												
Modification Item 1 of 1: DM013 - (IVCS UPGRADE)	- / 101.993	- / 18.284	- / 23.411	- / 10.509	- / 0.000	- / 10.509	- / 5.560	- / 22.231	- / 22.314	- / 21.093	- / 229.481	- / 454.876
Subtotal: Installation	*- / 101.993*	*- / 18.284*	*- / 23.411*	*- / 10.509*	*- / -*	*- / 10.509*	*- / 5.560*	*- / 22.231*	*- / 22.314*	*- / 21.093*	*- / 229.481*	*- / 454.876*
Total												
Total Cost (Procurement + Support + Installation)	**151.506**	**18.284**	**23.411**	**16.695**	**0.000**	**16.695**	**11.868**	**28.665**	**28.878**	**27.787**	**288.096**	**595.190**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 16 / DM013 - (IVCS UPGRADE)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DM013 - (IVCS UPGRADE)

Manufacturer Information

Manufacturer Name: NAVAL INFORMATION WARFARE CENTER ATLANTIC	Manufacturer Location: CHARLESTON, SC
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 16

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027	Mar 2028	Mar 2029	Jul 2030	Mar 2031
Delivery Dates			Jul 2028	Jun 2029	Jun 2030	Nov 2031	Jun 2032

Installation Information

Method of Implementation: [none specified]:: Installation Name: IVCS EQUIPMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	16 / 101.993	2 / 18.284	3 / 23.411	1 / 9.532	0 / 0.000	1 / 9.532	- / -	- / -	- / -	- / -	0 / 0.000	22 / 153.220
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.977	0 / 0.000	0 / 0.977	0 / 4.555	2 / 16.604	- / -	- / -	0 / 0.000	2 / 22.136
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.005	0 / 4.687	2 / 16.990	- / -	0 / 0.000	2 / 22.682
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.940	0 / 4.380	2 / 15.721	0 / 0.000	2 / 21.041
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.944	0 / 4.401	2 / 17.728	2 / 23.073
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.971	2 / 22.147	2 / 23.118
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 189.606	14 / 189.606
Total	16 / 101.993	2 / 18.284	3 / 23.411	1 / 10.509	0 / 0.000	1 / 10.509	0 / 5.560	2 / 22.231	2 / 22.314	2 / 21.093	18 / 229.481	46 / 454.876

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	16	1	1	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	18	46
Out	10	-	1	1	1	-	-	3	-	1	-	1	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	23	46

Footnotes:

(24) Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 17 / DM013 - Slewing Arm Davit (SLAD)
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	16.399	0.797	0.986	1.887	0.000	1.887	1.643	2.401	2.437	2.418	23.049	52.017
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	16.399	0.797	0.986	1.887	0.000	1.887	1.643	2.401	2.437	2.418	23.049	52.017
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**16.399**	**0.797**	**0.986**	**1.887**	**0.000**	**1.887**	**1.643**	**2.401**	**2.437**	**2.418**	**23.049**	**52.017**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Procures Slewing Arm Davit (SLAD) that replaces current SLAD with an all-electric davit, leveraging the current Navy Standard SLAD design. Legacy system has documented reliability and maintenance issues.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 17 / DM013 - Slewing Arm Davit (SLAD)
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: SHIP ALT	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM013 - Slewing Arm Davit (SLAD)												
B Kits												
Recurring												
1.1.1) SLAD EQUIPMENT - NonOrganic [25]	22 / 11.559	- / -	- / -	2 / 1.434	- / -	2 / 1.434	2 / 1.464	2 / 1.492	2 / 1.522	2 / 1.552	14 / 13.591	46 / 32.614
Subtotal: Recurring	*- / 11.559*	*- / -*	*- / -*	*- / 1.434*	*- / -*	*- / 1.434*	*- / 1.464*	*- / 1.492*	*- / 1.522*	*- / 1.552*	*- / 13.591*	*- / 32.614*
Subtotal: DM013 - Slewing Arm Davit (SLAD)	*22 / 11.559*	*- / -*	*- / -*	*2 / 1.434*	*- / -*	*2 / 1.434*	*2 / 1.464*	*2 / 1.492*	*2 / 1.522*	*2 / 1.552*	*14 / 13.591*	*46 / 32.614*
Subtotal: Procurement, All Modification Items	*- / 11.559*	*- / -*	*- / -*	*- / 1.434*	*- / -*	*- / 1.434*	*- / 1.464*	*- / 1.492*	*- / 1.522*	*- / 1.552*	*- / 13.591*	*- / 32.614*
Installation												
Modification Item 1 of 1: DM013 - Slewing Arm Davit (SLAD)	- / 4.840	- / 0.797	- / 0.986	- / 0.453	- / 0.000	- / 0.453	- / 0.179	- / 0.909	- / 0.915	- / 0.866	- / 9.458	- / 19.403
Subtotal: Installation	*- / 4.840*	*- / 0.797*	*- / 0.986*	*- / 0.453*	*- / -*	*- / 0.453*	*- / 0.179*	*- / 0.909*	*- / 0.915*	*- / 0.866*	*- / 9.458*	*- / 19.403*
Total												
Total Cost (Procurement + Support + Installation)	**16.399**	**0.797**	**0.986**	**1.887**	**0.000**	**1.887**	**1.643**	**2.401**	**2.437**	**2.418**	**23.049**	**52.017**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 17 / DM013 - Slewing Arm Davit (SLAD)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DM013 - Slewing Arm Davit (SLAD)

Manufacturer Information

Manufacturer Name: APPLETON MARINE	Manufacturer Location: APPLETON, WI
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 16

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027	Mar 2028	Mar 2029	Jul 2030	Jul 2031
Delivery Dates			Jul 2028	Jun 2029	Jun 2030	Nov 2031	Nov 2032

Installation Information

Method of Implementation: [none specified]:: Installation Name: SLAD EQUIPMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	16 / 4.840	2 / 0.797	3 / 0.986	1 / 0.415	0 / 0.000	1 / 0.415	- / -	- / -	- / -	- / -	0 / 0.000	22 / 7.038
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.038	0 / 0.000	0 / 0.038	0 / 0.140	2 / 0.729	- / -	- / -	0 / 0.000	2 / 0.907
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.039	0 / 0.144	2 / 0.745	- / -	0 / 0.000	2 / 0.928
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.036	0 / 0.134	2 / 0.693	0 / 0.000	2 / 0.863
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.036	0 / 0.135	2 / 0.776	2 / 0.947
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.038	2 / 0.910	2 / 0.948
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 7.772	14 / 7.772
Total	16 / 4.840	2 / 0.797	3 / 0.986	1 / 0.453	0 / 0.000	1 / 0.453	0 / 0.179	2 / 0.909	2 / 0.915	2 / 0.866	18 / 9.458	46 / 19.403

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	16	1	1	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	18	46
Out	10	-	1	1	1	-	-	3	-	1	-	1	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	23	46

Footnotes:

(25) Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 18 / DM013 - AN/SPA-25
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	13.282	1.203	2.046	0.670	0.000	0.670	1.966	2.259	2.178	2.177	20.630	46.411
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	13.282	1.203	2.046	0.670	0.000	0.670	1.966	2.259	2.178	2.177	20.630	46.411
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**13.282**	**1.203**	**2.046**	**0.670**	**0.000**	**0.670**	**1.966**	**2.259**	**2.178**	**2.177**	**20.630**	**46.411**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Procures current configuration of AN/SPA-25 Radar Indicator Group that replaces the legacy AN/SPA-25G.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 18 / DM013 - AN/SPA-25
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: SHIP ALT	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM013 - AN/SPA-25												
B Kits												
Recurring												
1.1.1) AN/SPA-25 EQUIPMENT - NonOrganic (26)	21 / 4.460	- / -	- / -	2 / 0.440	- / -	2 / 0.440	2 / 0.448	2 / 0.458	2 / 0.466	2 / 0.476	14 / 4.161	45 / 10.909
Subtotal: Recurring	*- / 4.460*	*- / -*	*- / -*	*- / 0.440*	*- / -*	*- / 0.440*	*- / 0.448*	*- / 0.458*	*- / 0.466*	*- / 0.476*	*- / 4.161*	*- / 10.909*
Subtotal: DM013 - AN/SPA-25	*21 / 4.460*	*- / -*	*- / -*	*2 / 0.440*	*- / -*	*2 / 0.440*	*2 / 0.448*	*2 / 0.458*	*2 / 0.466*	*2 / 0.476*	*14 / 4.161*	*45 / 10.909*
Subtotal: Procurement, All Modification Items	*- / 4.460*	*- / -*	*- / -*	*- / 0.440*	*- / -*	*- / 0.440*	*- / 0.448*	*- / 0.458*	*- / 0.466*	*- / 0.476*	*- / 4.161*	*- / 10.909*
Installation												
Modification Item 1 of 1: DM013 - AN/SPA-25	- / 8.822	- / 1.203	- / 2.046	- / 0.230	- / 0.000	- / 0.230	- / 1.518	- / 1.801	- / 1.712	- / 1.701	- / 16.469	- / 35.502
Subtotal: Installation	*- / 8.822*	*- / 1.203*	*- / 2.046*	*- / 0.230*	*- / -*	*- / 0.230*	*- / 1.518*	*- / 1.801*	*- / 1.712*	*- / 1.701*	*- / 16.469*	*- / 35.502*
Total												
Total Cost (Procurement + Support + Installation)	**13.282**	**1.203**	**2.046**	**0.670**	**0.000**	**0.670**	**1.966**	**2.259**	**2.178**	**2.177**	**20.630**	**46.411**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 18 / DM013 - AN/SPA-25
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DM013 - AN/SPA-25

Manufacturer Information

Manufacturer Name: CDSA DAM NECK	Manufacturer Location: DAM NECK, VA
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 16

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Mar 2027	Mar 2028	Mar 2029	Jul 2030	Mar 2031
Delivery Dates			Jul 2028	Jun 2029	Jun 2030	Nov 2031	Jun 2032

Installation Information

Method of Implementation: [none specified]:: Installation Name: AN/SPA-25 EQUIPMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	15 / 8.822	2 / 1.203	3 / 2.046	1 / 0.143	0 / 0.000	1 / 0.143	- / -	- / -	- / -	- / -	0 / 0.000	21 / 12.214
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.087	0 / 0.000	0 / 0.087	0 / 1.429	2 / 0.248	- / -	- / -	0 / 0.000	2 / 1.764
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.089	0 / 1.470	2 / 0.254	- / -	0 / 0.000	2 / 1.813
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.083	0 / 1.374	2 / 0.235	0 / 0.000	2 / 1.692
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.084	0 / 1.380	2 / 0.265	2 / 1.729
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.086	2 / 1.684	2 / 1.770
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 14.520	14 / 14.520
Total	15 / 8.822	2 / 1.203	3 / 2.046	1 / 0.230	0 / 0.000	1 / 0.230	0 / 1.518	2 / 1.801	2 / 1.712	2 / 1.701	18 / 16.469	45 / 35.502

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	15	1	1	-	-	-	1	1	1	-	1	-	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	1	1	18	45
Out	9	-	1	1	1	-	-	3	-	1	-	1	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1	23	45

Footnotes:

(26) Prior year (FY23) procurement deferred from DDG 106 is planned for installation on DDG 102 in FY26. Prior year (FY22) procurement deferred from DDG 99 is planned for installation on DDG 101 in FY27. All budget requests have been adjusted to account for equipment utilization on DDG 102 and DDG 101.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0900 / DDG Mod	Modification Number / Title: 19 / DM014 SOLID STATE RADAR EQUIPMENT

ID Code (A=Service Ready, B=Not Service Ready) :

MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	353.716	357.623	150.994	502.774	0.000	502.774	600.626	478.197	680.426	694.144	5,918.325	9,736.825
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	353.716	357.623	150.994	502.774	0.000	502.774	600.626	478.197	680.426	694.144	5,918.325	9,736.825
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**353.716**	**357.623**	**150.994**	**502.774**	**0.000**	**502.774**	**600.626**	**478.197**	**680.426**	**694.144**	**5,918.325**	**9,736.825**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

SPY-6(V)4 solid-state radar provides the latest capability to the DDG-51 Class for Air Defense and Ballistic Missile Defense. The SPY-6(V)4 upgrade replaces legacy SPY-1 radar arrays with SPY-6 arrays to deliver AEGIS Baseline 10M with Integrated Air and Missile Defense (IAMD) capability. SPY-6(V)4 upgrades are applicable to DDG 51 Flight IIA ships, DDG 91 through DDG 124 & DDG 127. SPY-6(V)4 fielding plans are integrated with SEWIP BLK III (BLI 2312) in order to rapidly deliver enhanced capability to the DDG-51 Class required to pace new threats by international competitors.

SPY-6 Hardware also includes Installation and Checkout (INCO) kits that help with setting up and testing the system. The system includes 24 Radar Modular Assemblies (RMAs) that deliver the radar's detection and tracking capabilities. This line item also includes the necessary cooling equipment such as Electronic Equipment Fluid Coolers (EEFC), specialized Fire Control System coolers (FCS) and the Radar Control Processer (RCP) which manages the SPY-6 radar's operations and integrates with the ship's combat system.

The complexity of combat system modernizations with the solid state radar system and supporting equipment requires early advanced planning to ensure necessary design maturity, installation modeling, and ship installation drawing development. This equipment also requires extra long lead time material, such as specific cables and connectors, to be procured in support of planned installations. Production lead time and delivery dates reflect first shipset delivery within a procurement year.

Engineering Services:
Engineering services include the following efforts: Software Modifications and Land Based Testing prior to shipboard installation, and system integration efforts. In addition, FY26 and prior years also support Non-Recurring Engineering (NRE) requirements for analysis and design efforts associated with first time integration of SPY-6(V)4 with combat systems and distributed services on in-service DDG-51 Class ships. This radar upgrade requires significant redesign of existing distributed service systems such as shipboard power, cooling, and dry-air systems to achieve successful integration. NRE includes Modeling & Simulation, Technical Data Package formulation, First Article Qualification and Environmental Testing.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 19 / DM014 SOLID STATE RADAR EQUIPMENT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: [No Model Specified]	**Modification Type:** SHIP ALT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DM014 SOLID STATE RADAR EQUIPMENT												
B Kits												
Recurring												
1.1.1) DM014 - SOLID STATE RADAR EQUIPMENT - NonOrganic [27]	2 / 289.506	2 / 290.220	1 / 7.141	2 / 363.120	- / -	2 / 363.120	2 / 370.382	1 / 188.895	2 / 385.346	2 / 393.054	12 / 2,980.510	26 / 5,268.174
Subtotal: Recurring	*- / 289.506*	*- / 290.220*	*- / 7.141*	*- / 363.120*	*- / -*	*- / 363.120*	*- / 370.382*	*- / 188.895*	*- / 385.346*	*- / 393.054*	*- / 2,980.510*	*- / 5,268.174*
Subtotal: DM014 SOLID STATE RADAR EQUIPMENT	*2 / 289.506*	*2 / 290.220*	*1 / 7.141*	*2 / 363.120*	*- / -*	*2 / 363.120*	*2 / 370.382*	*1 / 188.895*	*2 / 385.346*	*2 / 393.054*	*12 / 2,980.510*	*26 / 5,268.174*
Subtotal: Procurement, All Modification Items	*- / 289.506*	*- / 290.220*	*- / 7.141*	*- / 363.120*	*- / -*	*- / 363.120*	*- / 370.382*	*- / 188.895*	*- / 385.346*	*- / 393.054*	*- / 2,980.510*	*- / 5,268.174*
Support *(All Modification Items)*												
2.1) ENGINEERING SERVICES [28]	- / 61.064	- / 24.480	- / 30.970	- / 33.095	- / -	- / 33.095	- / 29.829	- / 29.163	- / 29.748	- / 30.451	- / 340.099	- / 608.899
Subtotal: Support	*- / 61.064*	*- / 24.480*	*- / 30.970*	*- / 33.095*	*- / -*	*- / 33.095*	*- / 29.829*	*- / 29.163*	*- / 29.748*	*- / 30.451*	*- / 340.099*	*- / 608.899*
Installation												
Modification Item 1 of 1: DM014 SOLID STATE RADAR EQUIPMENT	- / 3.146	- / 42.923	- / 112.883	- / 106.559	- / 0.000	- / 106.559	- / 200.415	- / 260.139	- / 265.332	- / 270.639	- / 2,597.716	- / 3,859.752
Subtotal: Installation	*- / 3.146*	*- / 42.923*	*- / 112.883*	*- / 106.559*	*- / -*	*- / 106.559*	*- / 200.415*	*- / 260.139*	*- / 265.332*	*- / 270.639*	*- / 2,597.716*	*- / 3,859.752*
Total												
Total Cost (Procurement + Support + Installation)	**353.716**	**357.623**	**150.994**	**502.774**	**0.000**	**502.774**	**600.626**	**478.197**	**680.426**	**694.144**	**5,918.325**	**9,736.825**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 19 / DM014 SOLID STATE RADAR EQUIPMENT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: DM014 SOLID STATE RADAR EQUIPMENT

Manufacturer Information

Manufacturer Name: RAYTHEON	Manufacturer Location: ANDOVER, MA
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 36

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jun 2025	Mar 2026	Jan 2027	Apr 2028	Jun 2029	Jan 2030	Mar 2031
Delivery Dates	Sep 2027	Feb 2029	Jan 2030	Apr 2031	Jun 2032	Jan 2033	Mar 2034

Installation Information

Method of Implementation: [none specified]:: Installation Name: DM014 - SOLID STATE RADAR EQUIPMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	0 / 3.146	0 / 42.923	1 / 112.883	0 / 38.309	0 / 0.000	0 / 38.309	1 / 60.972	- / -	- / -	- / -	0 / 0.000	2 / 258.233
FY 2025	- / -	- / -	- / -	0 / 68.250	0 / 0.000	0 / 68.250	0 / 69.827	2 / 117.907	- / -	- / -	0 / 0.000	2 / 255.984
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	0 / 34.808	0 / 35.612	1 / 60.128	- / -	0 / 0.000	1 / 130.548
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	0 / 34.808	0 / 71.116	1 / 96.452	1 / 61.331	0 / 0.000	2 / 263.707
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 35.504	0 / 72.538	1 / 98.381	1 / 62.557	2 / 268.980
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 36.214	0 / 37.051	1 / 62.557	1 / 135.822
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 73.876	2 / 203.200	2 / 277.076
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 282.617	2 / 282.617
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	12 / 1,986.785	12 / 1,986.785
Total	0 / 3.146	0 / 42.923	1 / 112.883	0 / 106.559	0 / 0.000	0 / 106.559	1 / 200.415	2 / 260.139	2 / 265.332	2 / 270.639	18 / 2,597.716	26 / 3,859.752

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	1	-	1	1	-	-	-	1	1	18	26
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	23	26

Footnotes:

(27) Extra-long lead time material (ELLTM) procurement and Design Services Allocation (DSA) for the installation of the solid-state radar and ancillary equipment include prefabrication efforts for various material including adapter plates to support array fit up. DSA and ELLTM are funded 1-2 years in advance of the availability start due to extended procurement lead time of material and to deliver updated Technical Data Packages, conduct ship checks, and meet iterative Ship Installation Drawings (SIDs) development timelines. FY25 procurements deferred from DDG 93 and DDG 97 are planned for installation on DDG 104 and

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0900 / DDG Mod	**Modification Number / Title:** 19 / DM014 SOLID STATE RADAR EQUIPMENT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

DDG 96 in FY29. All budget requests have been adjusted to account for equipment utilization on future year hulls. FY26 procurement reflects ancillary equipment required for the solid state spy radar system. This equipment is planned for installation with the SPY-6(V)4 radar procured under DMCA-16 - Solid State Radar Equipment Procurement CONGRESSIONAL ADD. FY27 reflects anticipated pricing for follow on SPY-6(V)4 procurements.

(28) FY2027 Engineering Services increase for power train testing and system integration of the solid state radar, ancillary equipment and combat system software at land based test sites.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	227.842	38.521	36.488	177.708	0.000	177.708	165.438	62.331	55.189	56.270	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	227.842	38.521	36.488	177.708	0.000	177.708	165.438	62.331	55.189	56.270	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**227.842**	**38.521**	**36.488**	**177.708**	**0.000**	**177.708**	**165.438**	**62.331**	**55.189**	**56.270**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The program procures shipboard firefighting equipment. Equipment is procured based on installation schedules.

[P40A / HB003 - EMERGENCY ESCAPE BREATHING DEVICE (EEBD)]: Emergency Escape Breathing Device (EEBD) breathing apparatus for firefighters are reaching their service life of 15 years and must be replaced. EEBDs address a high priority CNO effort to replace expired breathing equipment aboard ships throughout the Fleet. The requirement for this capability has been validated by the experience of numerous shipboard casualties. EEBD replacement is required to ensure that ships will deploy with operational safety equipment on-board to allow for emergency escape from shipboard fires.

[P40A / HB010 - DAMAGE CONTROL UPGRADES]: Damage Control Upgrades provides rapid assessments and initial outfitting (within a year) for new capabilities or obsolescence.

[P40A / L2AB FIREFIGHTING PROGRAMS]: Findings of the Major Fires Review and BONHOMME RICHARD fire investigation recommendations as validated by VCNO in the Learning to Action Board (L2AB). Following the USS Bonhomme Richard fire, the L2AB was stood up to pursue solutions to damage control and firefighting. This program funds critical efforts in shipboard fire detection/suppression systems, fire prevention features, and advanced firefighting equipment.

[P40A / HB012 AQUEOUS FILM FORMING FOAM (AFFF) STOCKPILE]: Establish an AFFF stockpile to bridge the gap to a permanent AFFF replacement that does not use Polyfluoroalkyl Substances (PFAS) chemicals. Due to environmental persistence concerns of PFAS (contained in fluorinated surfactants used in AFFF), AFFF is being regulated out of shore-based use and manufacturers are rapidly leaving the AFFF market due to regulations and shrinking demand.

[P40A / HB830 - PRODUCTION ENGINEERING (PE)]: PE includes development of technical manuals, Planned Maintenance System (PMS), Provisioning Technical Documentation (PTD), Program Support Data (PSD) and Allowance Parts List (APLs), engineering to manage procurement and material support of design reviews, and program management.

[P3A / HB002 - MAGAZINE SPRINKLING IMPROVEMENT]: Replaces the detection system designed in the 1960s which has performance deficiencies and is difficult to support and maintain. Replacement includes the Fire Detection and Actuation System (FDAS) and the Motor-Operated Pilot Valves (MOPV). When the FDAS detects a fire, the MOPV opens to provide the sprinkling for the magazine. The FDAS consists of heat detectors, smoke detectors for amphibious ships, and associated controls. MOPV is the same item procured under HB007 - SOPV Replacement. FDAS/MOPV provides increased fire performance and reduced lifecycle and logistics costs.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P3A - 2 / HB007 - SOPV REPLACEMENT]: The Solenoid Operated Pilot Valve (SOPV) provides a way for remote control of the Aqueous Film Forming Foam (AFFF) and Countermeasure Wash Down (CMWD) systems. Existing SOPVs are unreliable, costly to repair, and produce the longest downtime for the AFFF system. Top Management Attention/Top Management Initiative (TMA/TMI) and INSURV interest due to impact of this item on AFFF system operation. Replacement of the SOPV with the Motor Operated Pilot Valve (MOPV) is required to ensure these systems are operational for emergencies. MOPV has a 50 year service life and will provide a significant reduction in preventative maintenance and cost.

[P3A - 3 / HB008 - SCBA REPLACEMENT]: Self-Contained Breathing Apparatus (SCBA) is a compressed air breathing device compatible with a firefighter's protective wear and helmet, and other damage control equipment. The SCBA are reaching the end of their service life of 15 years and are being replaced with 30 year cylinders. SCBA replacement is required to ensure that ships will deploy with operational safety equipment on-board to provide breathable air while fighting shipboard fires.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Firefighting Equipment	P-5a			- / 67.069	- / 8.330	- / 10.409	- / 140.486	- / -	- / 140.486
P-3a	1 / HB002 - MAGAZINE SPRINKLING IMPROVEMENT (FDAS/MOPV Installation)				- / 51.071	- / 22.252	- / 11.895	- / 16.219	- / 0.000	- / 16.219
P-3a	2 / HB007 - SOPV REPLACEMENT (SOPV REPLACEMENT)				- / 29.450	- / 7.507	- / 11.022	- / 21.003	- / 0.000	- / 21.003
P-3a	3 / HB008 - SCBA REPLACEMENT (SCBA REPLACEMENT)				- / 80.252	- / 0.432	- / 3.162	- / 0.000	- / 0.000	- / 0.000
P-40	**Total Gross/Weapon System Cost**				**- / 227.842**	**- / 38.521**	**- / 36.488**	**- / 177.708**	**- / 0.000**	**- / 177.708**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Firefighting Equipment	P-5a			- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / HB002 - MAGAZINE SPRINKLING IMPROVEMENT (FDAS/MOPV Installation)				- / 20.692	- / 20.705	- / 25.068	- / 20.904	- / 79.550	- / 268.356
P-3a	2 / HB007 - SOPV REPLACEMENT (SOPV REPLACEMENT)				- / 23.794	- / 26.505	- / 22.880	- / 17.191	- / 23.929	- / 183.281
P-3a	3 / HB008 - SCBA REPLACEMENT (SCBA REPLACEMENT)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 83.846
P-40	**Total Gross/Weapon System Cost**				**- / 165.438**	**- / 62.331**	**- / 55.189**	**- / 56.270**	**Continuing**	**Continuing**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The FY 2027 funding increase is due to a cost increase of $130.929 million in HB012 AFFF STOCKPILE ($0 in FY 2026 to $130.929 million in FY 2027), a cost increase of $4.324 million in MAGAZINE SPRINKLING IMPROVEMENT (six installations in FY 2026 to seven installations in FY 2027, cost variability with ship class and ship port location), a cost decrease of $0.002 million in HB003 EEBD REPLACEMENT (three installations in FY 2026 to three installations in FY 2027, cost variability with ship class and ship port location), a cost increase of $9.981 million in HB007 SOPV REPLACEMENT (four installations in FY 2026 to nine installations in FY 2027, cost variability with ship class and ship port location), a cost increase of $0.002 million in HB010 DAMAGE CONTROL UPGRADES, a cost decrease of $0.020 million in HB011 L2AB FIREFIGHTING PROGRAMS, a cost decrease of $0.832 million in HB830 PRODUCTION ENGINEERING, and a cost decrease of $3.162 million in HB008 SCBA REPLACEMENT (two installations in FY 2026 to zero installations in FY 2027).

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Aggregated Items Title:** Firefighting Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) HB003 - EMERGENCY ESCAPE BREATHING DEVICE (EEBD) [1]																				
1.1) EEBD REPLACEMENT[†]	A		297,338.13	139	41.330	500,000.00	4	2.000	1,032K	3	3.095	1,031K	3	3.093	-	-	-	1,031K	3	3.093
Subtotal: 1) HB003 - EMERGENCY ESCAPE BREATHING DEVICE (EEBD)			**-**	**-**	***41.330***	**-**	**-**	***2.000***	**-**	**-**	***3.095***	**-**	**-**	***3.093***	**-**	**-**	**-**	**-**	**-**	***3.093***
2) HB010 - DAMAGE CONTROL UPGRADES [2]																				
2.1) DAMAGE CONTROL UPGRADES	A		-	-	2.836	-	-	2.883	-	-	2.822	-	-	2.824	-	-	-	-	-	2.824
Subtotal: 2) HB010 - DAMAGE CONTROL UPGRADES			**-**	**-**	***2.836***	**-**	**-**	***2.883***	**-**	**-**	***2.822***	**-**	**-**	***2.824***	**-**	**-**	**-**	**-**	**-**	***2.824***
3) HB011 - L2AB FIREFIGHTING PROGRAMS																				
3.1) L2AB FIREFIGHTING PROGRAMS [3]	A		-	-	2.130	-	-	0.992	-	-	1.820	-	-	1.800	-	-	-	-	-	1.800
Subtotal: 3) HB011 - L2AB FIREFIGHTING PROGRAMS			**-**	**-**	***2.130***	**-**	**-**	***0.992***	**-**	**-**	***1.820***	**-**	**-**	***1.800***	**-**	**-**	**-**	**-**	**-**	***1.800***
4) HB012 AQUEOUS FILM FORMING FOAM (AFFF) STOCKPILE [4]																				
4.1) AFFF STOCKPILE	A		-	-	-	-	-	-	-	-	-	-	-	130.929	-	-	-	-	-	130.929
Subtotal: 4) HB012 AQUEOUS FILM FORMING FOAM (AFFF) STOCKPILE			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***130.929***	**-**	**-**	**-**	**-**	**-**	***130.929***
5) HB830 - PRODUCTION ENGINEERING (PE) [5]																				
5.1) PRODUCTION ENGINEERING	A		-	-	20.773	-	-	2.455	-	-	2.672	-	-	1.840	-	-	-	-	-	1.840
Subtotal: 5) HB830 - PRODUCTION ENGINEERING (PE)			**-**	**-**	***20.773***	**-**	**-**	***2.455***	**-**	**-**	***2.672***	**-**	**-**	***1.840***	**-**	**-**	**-**	**-**	**-**	***1.840***
Total			**-**	**-**	**67.069**	**-**	**-**	**8.330**	**-**	**-**	**10.409**	**-**	**-**	**140.486**	**-**	**-**	**-**	**-**	**-**	**140.486**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

[†] indicates the presence of a P-5a

Footnotes:

[1] Quantities are number of ships. Unit costs can vary based on the distribution of ship classes planned during each FY, quantities per ship class, and the ship port location. Requirement is for DDG-51 (Flight I, II, IIA), LCC 0019, LHA 0006, LHD 0001, and LPD 0017 ship classes. PROCUREMENT: Funding includes the breathing apparatus hardware, shipping, and distribution to ships. FY 2027 funding request shows a decrease of $0.002 million due to variation in the ship classes fielded. Procurement costs can vary based on the distribution of ship classes planned during each FY, quantities per ship class, and the ship port location.

[2] FY 2027 funding request reflects a cost increase of $0.002 million due to a change in the damage control upgrades requirements.

[3] FY 2027 funding request reflects a $0.020 million decrease due to a decrease in the L2AB program requirements.

[4] Maintain readiness of fleet to combat liquid fuel fires with fixed systems and portable equipment. Stockpile reduces risk to personnel or ship-loss from uncontrolled fires (flight deck, hangar, bilge etc.). FY 2027 funding request reflects a cost increase of $130.929 million due to stockpiling AFFF to replace depleted AFFF inventory to prevent ships from being unable to get underway in Q2 FY29.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Aggregated Items Title:** Firefighting Equipment

(5) FY 2027 funding request shows a decrease of $0.832 million due to method of installation for HB002 and HB007 alterations moving from Alteration Installation Team to Industrial.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0910 / Firefighting Equipment	Aggregated Items: Firefighting Equipment

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1) HB003 - EMERGENCY ESCAPE BREATHING DEVICE (EEBD)												
1.1) EEBD REPLACEMENT		2024	OCENCO / PLEASANT PRAIRIE, WI	C / FP	NSWC, PCD	Sep 2024	Mar 2025	7	422,428.57	Y		
1.1) EEBD REPLACEMENT		2025	OCENCO / PLEASANT PRAIRIE, WI	C / FP	NSWC, PCD	Feb 2025	Aug 2025	4	500,000.00	Y		
1.1) EEBD REPLACEMENT		2026	OCENCO / PLEASANT PRAIRIE, WI	C / FP	NSWCPCD	Feb 2026	Aug 2026	3	1,032K	Y		
1.1) EEBD REPLACEMENT		2027	OCENCO / PLEASANT PRAIRIE, WI	C / FP	NSWC, PCD	Feb 2027	Aug 2027	3	1,031K	Y		

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Modification Number / Title:** 1 / HB002 - MAGAZINE SPRINKLING IMPROVEMENT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	51.071	22.252	11.895	16.219	0.000	16.219	20.692	20.705	25.068	20.904	79.550	268.356
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	51.071	22.252	11.895	16.219	0.000	16.219	20.692	20.705	25.068	20.904	79.550	268.356
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**51.071**	**22.252**	**11.895**	**16.219**	**0.000**	**16.219**	**20.692**	**20.705**	**25.068**	**20.904**	**79.550**	**268.356**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Replaces the detection system designed in the 1960s which has performance deficiencies and is difficult to support and maintain. Replacement includes the Fire Detection and Actuation System (FDAS) and the Motor-Operated Pilot Valves (MOPV). When the FDAS detects a fire, the MOPV opens to provide the sprinkling for the magazine. The FDAS consists of heat detectors, smoke detectors for amphibious ships, and associated controls. MOPV is the same item procured under HB007 - SOPV Replacement. FDAS/MOPV provides increased fire performance and reduced lifecycle and logistics costs.

Procurement costs shown are based on new hardware contract award estimates (HB002/HB007) and actual installation costs from prior years. Installation costs shown are weighted and will vary based on ship class, ship port location, and installation availability.

Quantities are number of ships.

Requirement is for DDG 0051, LHA 0006, LHD 0001, LPD 0017 ship classes.

PROCUREMENT: Procurement costs include FDAS and MOPV equipment, shipping, and distribution to ship. FDAS/MOPV procurement costs can vary significantly by ship class, flight, and quantity and/or size of the magazines. DDG-51 ships already have smoke detectors. PROCUREMENT costs are budgeted in the FY prior to equipment installation. PROCUREMENT costs may be budgeted in the same FY as installation based on installation schedule variation.

INSTALLATION: Funding includes all costs associated with the Fleet Modernization Program Magazine Sprinkling Improvement Design Support Allocation (DSA) and equipment installations onboard ships. DSA costs are budgeted in the FY prior to equipment installation starting in FY2021. FDAS/MOPV installation costs can vary significantly by ship class, ship port location, and ship installation availability. DSA costs may be budgeted in the same FY as installation based on installation schedule variation.

FY 2027 procurement costs are in support of seven (7) FY 2027 ships and one (1) FY 2028 ship (average $0.554 million) for a program total of $4.432 million.

FY 2027 installation costs are in support of seven (7) ship installations ($7.530 million), long lead time material ($0.777 million), installation technical support ($0.950 million), third party planning ($0.030 million) and FY 2028 DSA ($2.500 million) for a program total of $11.787 million.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Modification Number / Title:** 1 / HB002 - MAGAZINE SPRINKLING IMPROVEMENT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: N/A	**Modification Type:** FDAS/MOPV Installation	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: HB002 - MAGAZINE SPRINKLING IMPROVEMENT												
B Kits												
Recurring												
1.1.1) HB002 - MAGAZINE SPRINKLING IMPROVEMENT HW - NonOrganic [6]	26 / 7.926	5 / 2.500	6 / 2.296	7 / 4.432	- / -	7 / 4.432	10 / 5.271	11 / 3.043	7 / 3.413	7 / 2.195	18 / 12.098	97 / 43.174
Subtotal: Recurring	*- / 7.926*	*- / 2.500*	*- / 2.296*	*- / 4.432*	*- / -*	*- / 4.432*	*- / 5.271*	*- / 3.043*	*- / 3.413*	*- / 2.195*	*- / 12.098*	*- / 43.174*
Subtotal: HB002 - MAGAZINE SPRINKLING IMPROVEMENT	*26 / 7.926*	*5 / 2.500*	*6 / 2.296*	*7 / 4.432*	*- / -*	*7 / 4.432*	*10 / 5.271*	*11 / 3.043*	*7 / 3.413*	*7 / 2.195*	*18 / 12.098*	*97 / 43.174*
Subtotal: Procurement, All Modification Items	*- / 7.926*	*- / 2.500*	*- / 2.296*	*- / 4.432*	*- / -*	*- / 4.432*	*- / 5.271*	*- / 3.043*	*- / 3.413*	*- / 2.195*	*- / 12.098*	*- / 43.174*
Installation												
Modification Item 1 of 1: HB002 - MAGAZINE SPRINKLING IMPROVEMENT	- / 43.145	- / 19.752	- / 9.599	- / 11.787	- / 0.000	- / 11.787	- / 15.421	- / 17.662	- / 21.655	- / 18.709	- / 67.452	- / 225.182
Subtotal: Installation	*- / 43.145*	*- / 19.752*	*- / 9.599*	*- / 11.787*	*- / -*	*- / 11.787*	*- / 15.421*	*- / 17.662*	*- / 21.655*	*- / 18.709*	*- / 67.452*	*- / 225.182*
Total												
Total Cost (Procurement + Support + Installation)	**51.071**	**22.252**	**11.895**	**16.219**	**0.000**	**16.219**	**20.692**	**20.705**	**25.068**	**20.904**	**79.550**	**268.356**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Modification Number / Title:** 1 / HB002 - MAGAZINE SPRINKLING IMPROVEMENT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: HB002 - MAGAZINE SPRINKLING IMPROVEMENT

Manufacturer Information

Manufacturer Name: DLA (7)	Manufacturer Location: New MFG - LocN/A
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 6

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Feb 2025	Feb 2026	Feb 2027	Feb 2028	Feb 2029	Feb 2030	Feb 2030
Delivery Dates	Oct 2025	Oct 2026	Oct 2027	Oct 2028	Oct 2029	Oct 2030	Oct 2030

Installation Information

Method of Implementation: SHIPALT/DSA:: Installation Name: HB002 - MAGAZINE SPRINKLING IMPROVEMENT HW

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	22 / 43.145	4 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	26 / 43.145
FY 2025	- / -	0 / 19.752	5 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	5 / 19.752
FY 2026	- / -	- / -	0 / 9.599	6 / 0.000	0 / 0.000	6 / 0.000	- / -	- / -	- / -	- / -	0 / 0.000	6 / 9.599
FY 2027	- / -	- / -	- / -	0 / 11.787	0 / 0.000	0 / 11.787	7 / 0.000	- / -	- / -	- / -	0 / 0.000	7 / 11.787
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 15.421	10 / 0.000	- / -	- / -	0 / 0.000	10 / 15.421
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 17.662	11 / 0.000	- / -	0 / 0.000	11 / 17.662
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 21.655	7 / 0.000	0 / 0.000	7 / 21.655
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 18.709	7 / 0.000	7 / 18.709
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	18 / 67.452	18 / 67.452
Total	22 / 43.145	4 / 19.752	5 / 9.599	6 / 11.787	0 / 0.000	6 / 11.787	7 / 15.421	10 / 17.662	11 / 21.655	7 / 18.709	25 / 67.452	97 / 225.182

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	22	4	-	-	-	5	-	-	-	6	-	-	-	7	-	-	-	10	-	-	-	11	-	-	-	7	-	-	-	25	97
Out	22	2	2	-	-	2	2	1	-	2	2	2	-	2	2	2	1	3	3	3	1	3	3	3	2	-	3	3	1	25	97

Footnotes:

(6) FY 2027 procurement funding shows an increase of $2.136 million due to an increase in the quantity of procurements from six (6) in FY 2026 to eight (8) in FY 2027 (seven in FY 2027 and one in FY 2028). Procurement costs will vary based on ship class. FY 2027 installation funding request shows an increase of $2.118 million due to an increase in the number of installations from six (6) in FY 2026 to seven (7) in FY 2027. Installation costs will vary based on ship class, ship port location, and installation availability.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Modification Number / Title:** 1 / HB002 - MAGAZINE SPRINKLING IMPROVEMENT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

(7) Hardware procurement through DLA starting in FY 2026. Hardware procurement through Marotta and DLA in FY 2025.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0910 / Firefighting Equipment	Modification Number / Title: 2 / HB007 - SOPV REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	29.450	7.507	11.022	21.003	0.000	21.003	23.794	26.505	22.880	17.191	23.929	183.281
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	29.450	7.507	11.022	21.003	0.000	21.003	23.794	26.505	22.880	17.191	23.929	183.281
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**29.450**	**7.507**	**11.022**	**21.003**	**0.000**	**21.003**	**23.794**	**26.505**	**22.880**	**17.191**	**23.929**	**183.281**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Solenoid Operated Pilot Valve (SOPV) provides a way for remote control of the Aqueous Film Forming Foam (AFFF) and Countermeasure Wash Down (CMWD) systems. Existing SOPVs are unreliable, costly to repair, and produce the longest downtime for the AFFF system. Top Management Attention/Top Management Initiative (TMA/TMI) and INSURV interest due to impact of this item on AFFF system operation. Replacement of the SOPV with the Motor Operated Pilot Valve (MOPV) is required to ensure these systems are operational for emergencies. MOPV has a 50 year service life and will provide a significant reduction in preventative maintenance and lifecycle cost.

Quantities are number of ships.

Requirement is for DDG 0051, LHA 0006, LHD 0001, LPD 0017 ship classes.

PROCUREMENT: Costs include MOPV equipment, shipping, and distribution to ship. SOPV procurement costs vary significantly based on ship class and flight. PROCUREMENT costs are budgeted in the FY prior to equipment installation, PROCUREMENT costs may be budgeted in the same FY as installation based on installation schedule variation.

INSTALLATION: Funding includes all costs associated with the Fleet Modernization Program SOPV replacement Design Support Allocation (DSA) and equipment installations onboard ships. DSA costs are budgeted in the FY prior to equipment installation. Installation costs are weighted and will vary significantly based on ship class and ship port location. DSA costs may be budgeted in the same FY as installation based on installation schedule variation.

FY 2027 procurement costs are in support of nine (9) FY 2027 ships and one (1) FY 2028 ship (average $0.787 million) for a program total of $7.872 million.

FY 2027 installation costs are in support of nine (9) ship installations ($8.317 million), long lead time material ($1.104 million), installation technical support ($0.854 million), third party planning ($0.040 million) and FY 2028 DSA ($2.816 million) for a program total of $13.131 million.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Modification Number / Title:** 2 / HB007 - SOPV REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: N/A	**Modification Type:** SOPV REPLACEMENT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: HB007 - SOPV REPLACEMENT												
B Kits												
Recurring												
1.1.1) HB007 - SOPV REPLACEMENT HW - NonOrganic [8]	24 / 12.325	5 / 3.080	4 / 2.005	9 / 7.872	- / -	9 / 7.872	12 / 11.188	13 / 6.578	8 / 13.047	12 / 3.796	10 / 2.281	97 / 62.172
1.1.2) SOPV REPLACEMENT FIRST ARTICLES/ TESTING - Organic	- / 0.567	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.567
Subtotal: Recurring	*- / 12.892*	*- / 3.080*	*- / 2.005*	*- / 7.872*	*- / -*	*- / 7.872*	*- / 11.188*	*- / 6.578*	*- / 13.047*	*- / 3.796*	*- / 2.281*	*- / 62.739*
Subtotal: HB007 - SOPV REPLACEMENT	*24 / 12.892*	*5 / 3.080*	*4 / 2.005*	*9 / 7.872*	*- / -*	*9 / 7.872*	*12 / 11.188*	*13 / 6.578*	*8 / 13.047*	*12 / 3.796*	*10 / 2.281*	*97 / 62.739*
Subtotal: Procurement, All Modification Items	*- / 12.892*	*- / 3.080*	*- / 2.005*	*- / 7.872*	*- / -*	*- / 7.872*	*- / 11.188*	*- / 6.578*	*- / 13.047*	*- / 3.796*	*- / 2.281*	*- / 62.739*
Installation												
Modification Item 1 of 1: HB007 - SOPV REPLACEMENT	- / 16.558	- / 4.427	- / 9.017	- / 13.131	- / 0.000	- / 13.131	- / 12.606	- / 19.927	- / 9.833	- / 13.395	- / 21.648	- / 120.542
Subtotal: Installation	*- / 16.558*	*- / 4.427*	*- / 9.017*	*- / 13.131*	*- / -*	*- / 13.131*	*- / 12.606*	*- / 19.927*	*- / 9.833*	*- / 13.395*	*- / 21.648*	*- / 120.542*
Total												
Total Cost (Procurement + Support + Installation)	**29.450**	**7.507**	**11.022**	**21.003**	**0.000**	**21.003**	**23.794**	**26.505**	**22.880**	**17.191**	**23.929**	**183.281**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Modification Number / Title:** 2 / HB007 - SOPV REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: HB007 - SOPV REPLACEMENT

Manufacturer Information

Manufacturer Name: DLA (9)	Manufacturer Location: New MFG - LocN/A
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 6

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates		Feb 2026	Feb 2027	Feb 2028	Feb 2029	Feb 2030	Feb 2031
Delivery Dates		Oct 2026	Oct 2027	Oct 2028	Oct 2029	Oct 2030	Oct 2031

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 0

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: SHIPALT/DSA:: Installation Name: HB007 - SOPV REPLACEMENT HW

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	19 / 16.558	5 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	24 / 16.558
FY 2025	- / -	0 / 4.427	5 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	5 / 4.427
FY 2026	- / -	- / -	0 / 9.017	4 / 0.000	0 / 0.000	4 / 0.000	- / -	- / -	- / -	- / -	0 / 0.000	4 / 9.017
FY 2027	- / -	- / -	- / -	0 / 13.131	0 / 0.000	0 / 13.131	9 / 0.000	- / -	- / -	- / -	0 / 0.000	9 / 13.131
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 12.606	12 / 0.000	- / -	- / -	0 / 0.000	12 / 12.606
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 19.927	13 / 0.000	- / -	0 / 0.000	13 / 19.927
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 9.833	8 / 0.000	0 / 0.000	8 / 9.833
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 13.395	12 / 0.000	12 / 13.395
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 21.648	10 / 21.648
Total	19 / 16.558	5 / 4.427	5 / 9.017	4 / 13.131	0 / 0.000	4 / 13.131	9 / 12.606	12 / 19.927	13 / 9.833	8 / 13.395	22 / 21.648	97 / 120.542

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Modification Number / Title:** 2 / HB007 - SOPV REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: HB007 - SOPV REPLACEMENT

Installation Information

Method of Implementation: SHIPALT/DSA:: Installation Name: HB007 - SOPV REPLACEMENT HW

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	19	5	-	-	-	5	-	-	-	4	-	-	-	9	-	-	-	12	-	-	-	13	-	-	-	8	-	-	-	22	97
Out	19	2	2	1	-	2	2	1	-	1	1	1	1	3	3	3	-	3	3	3	3	3	3	3	3	1	3	3	2	22	97

Footnotes:

(8) Installation quantities reflect number of SHIPALTS to be performed during each FY. DSA quantities are not shown. FY2027 procurement funding request shows an increase of $5.867 million due to an increase in the number of procurements from four (4) in FY 2026 to ten (10) in FY 2027 (nine in FY 2027 and one in FY 2028). FY 2027 installation funding request shows an increase of $4.114 million due to an increase in the number of installations from four (4) in FY 2026 to nine (9) in FY 2027. Installation costs will vary based on ship class, ship port location, and installation availability.

(9) MOPV hardware procurement through DLA starting in FY 2026. MOPV hardware procurement through Marotta in FY2025.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0910 / Firefighting Equipment	Modification Number / Title: 3 / HB008 - SCBA REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	80.252	0.432	3.162	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	83.846
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	80.252	0.432	3.162	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	83.846
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**80.252**	**0.432**	**3.162**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**83.846**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Self-Contained Breathing Apparatus (SCBA) is a compressed air breathing device compatible with a firefighter's protective wear and helmet, and other damage control equipment. The SCBA are reaching the end of their service life of 15 years and are being replaced with 30 year cylinders. SCBA replacement is required to ensure that ships will deploy with operational safety equipment on-board to provide breathable air while fighting shipboard fires.

Quantities are number of ships.

Requirement: AFDL 0001, AFDM 0001, CG 0047, DDG 0051 (Flight I,II,IIA), LCC 0019, LCU, LHD 0001, LPD 0017, LSD 0041, LSD 0049, MCM 0001, and PC 0001 ship classes.

PROCUREMENT: Funding includes the breathing apparatus, 45-minute air cylinders, and 30-minute air cylinders, shipping, distribution to, and modifying stowage on ships. SCBA procurement costs can vary significantly based on ship class.

INSTALLATION: Funding includes all costs associated with the Fleet Modernization Program SCBA equipment installations onboard ships. SCBA installation costs can vary significantly based on ship class, ship port location and ship installation availability.

SCBA replacement fielding will complete in FY 2026

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Modification Number / Title:** 3 / HB008 - SCBA REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: N/A	**Modification Type:** SCBA REPLACEMENT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: HB008 - SCBA REPLACEMENT												
B Kits												
Recurring												
1.1.1) HB008 - SCBA REPLACEMENT HW - NonOrganic (10)	170 / 65.792	- / -	2 / 2.685	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	172 / 68.477
Subtotal: Recurring	*- / 65.792*	*- / -*	*- / 2.685*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 68.477*
Subtotal: HB008 - SCBA REPLACEMENT	*170 / 65.792*	*- / -*	*2 / 2.685*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*172 / 68.477*
Subtotal: Procurement, All Modification Items	*- / 65.792*	*- / -*	*- / 2.685*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 68.477*
Installation												
Modification Item 1 of 1: HB008 - SCBA REPLACEMENT	- / 14.460	- / 0.432	- / 0.477	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 15.369
Subtotal: Installation	*- / 14.460*	*- / 0.432*	*- / 0.477*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 15.369*
Total												
Total Cost (Procurement + Support + Installation)	**80.252**	**0.432**	**3.162**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**83.846**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0910 / Firefighting Equipment	**Modification Number / Title:** 3 / HB008 - SCBA REPLACEMENT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: HB008 - SCBA REPLACEMENT

Manufacturer Information

Manufacturer Name: SCOTT HEALTH & SAFETY	Manufacturer Location: MONROE, NC
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 3

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates		Feb 2026					
Delivery Dates		Aug 2026					

Installation Information

Method of Implementation: SHIPALT:: Installation Name: HB008 - SCBA REPLACEMENT HW

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	170 / 14.460	0 / 0.432	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	170 / 14.892
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	2 / 0.477	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.477
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	170 / 14.460	0 / 0.432	2 / 0.477	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	172 / 15.369

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	170	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	172
Out	168	1	-	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	172

Footnotes:

(10) SCBA program completes in FY 2026. FY 2027 procurement and installation funding are not required.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0925 / Command and Control Switchboard

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	87.724	2.402	2.417	2.259	0.000	2.259	2.403	2.440	2.489	2.539	-	104.673
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	87.724	2.402	2.417	2.259	0.000	2.259	2.403	2.440	2.489	2.539	-	104.673
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**87.724**	**2.402**	**2.417**	**2.259**	**0.000**	**2.259**	**2.403**	**2.440**	**2.489**	**2.539**	**-**	**104.673**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The switchboard program provides mission critical switching capability required to link shipboard combat equipment including weapons, launchers, sensors, computers and navigation equipment. In essence, switchboards serve as the central connection point for most elements of combat and weapon systems, interior communications, data transfer, and command and control systems. They are designed to accommodate either analog, digital interfaces, or a combination of both. In total, this budget item supports approximately 200 ships and 1,000 pieces of equipment throughout the acquisition life cycle.

Functions include: data routing, action cutout, test and operating mode selection (including casualty back-up modes), power monitoring and control, circuit protection, peripheral equipment isolation, signal processing, and frequency conversion amplification and switching. In summary, the primary purpose is to provide systems intra and interface compatibility.

Changes in other elements of the combat and Interior Communication (IC) systems will frequently mandate either conjunctive modification to switchboards via ship change documents (SCDs), ordnance alteration (ORDALT)/field changes (FCs) or partial or complete replacement of existing switchboards. Typical switchboard mods include hardware/field change kits, ORDALT/SCD/FC instructions, technical manual updates and revisions to other supporting documentation. Hull unique switchboard configurations require hull unique documentation. Subsequent alterations to these switchboards require hull unique design, hardware, installation, and checkout procedures. New Switchboards are normally installed during a regular overhaul by a shipyard.

Command and control switchboards are currently installed on and are required for almost all surface combatants and amphibious warfare ships. Individual switchboard unit cost varies from ship to ship, depending upon size, complexity, and whether analog or digital interfaces or some combination thereof are utilized. Modifications to existing switchboards via Ship Alterations (SHIPALTs), SCDs, ORDALTs or FCs are quantified by kits or change packages rather than individual units. The number of kits required for different classes of ships are as follows: DDGs/CGs require three to four (3 - 4) per ship, LSDs require two (2) per ship, LPDs require one (1) per ship, MCMs require (3) per ship and LHDs require two (2) per ship. The magnitude of modifications also varies, as Cruiser Modernization is considerably more complex than the Amphibious Class hulls. Switchboard hardware is normally procured by the Invitation For Bids (IFB) process, from manufacturers on Qualified Products List (QPL)-17000. There are currently six companies listed on QPL-17000. All contracts awarded are competitive, fixed price.

[P40A / ENG UPGRADES/MODS TO EQUIPMENT & TECH DOCUMENTATION]: Combat Systems & Interior Communication Switchboard Engineering and Modifications Upgrades to Equipment, Drawings, Technical Manuals (TMs) Allowance Parts Lists (APLs) and Allowance Equipage Lists (AELs). This line covers the costs to upgrade/modify existing equipment and associated technical documentation to implement and validate upgraded switching configurations essential for the ships' switchboards to properly integrate all elements of the Combat System and Interior Communication interfaces. The upgraded engineering modification drives the procurement of hardware modification kits (i.e., ORDALTs & Field Changes). These engineering modifications are essential to the functional deployment of Battle Force Interoperability.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0925 / Command and Control Switchboard	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / ORDALT/FIELD CHANGE KITS]: Combat Systems & Interior Communication Switchboard Engineering and Modification Upgrade Procurements. This line covers the costs to implement and validate upgraded Procurement of ORDALT/Field Changes kits driven by upgraded engineering modification. These engineering modifications are essential to the functional deployment of Battle Force Interoperability.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0925 / Command and Control Switchboard

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	COMMAND AND CONTROL SWITCHBOARD	P-5a			- / 87.724	- / 2.402	- / 2.417	- / 2.259	- / -	- / 2.259
P-40	**Total Gross/Weapon System Cost**				**- / 87.724**	**- / 2.402**	**- / 2.417**	**- / 2.259**	**- / 0.000**	**- / 2.259**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The FY 2027 funding request supports the procurement of qty 9 ordnance alteration (ORDALT)/field change kits and the associated engineering upgrades, modifications and technical documentation.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0925 / Command and Control Switchboard	**Aggregated Items Title:** COMMAND AND CONTROL SWITCHBOARD

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) ENG UPGRADES/MODS TO EQUIPMENT & TECH DOCUMENTATION																				
1.1) ENGINEERING UPGRADES/MODS TO EQUIPMENT & TECHNICAL DOCUMENTATION	A		-	-	33.309	-	-	1.712	-	-	1.718	-	-	1.723	-	-	-	-	-	1.723
Subtotal: 1) ENG UPGRADES/ MODS TO EQUIPMENT & TECH DOCUMENTATION			**-**	**-**	***33.309***	**-**	**-**	***1.712***	**-**	**-**	***1.718***	**-**	**-**	***1.723***	**-**	**-**	**-**	**-**	**-**	***1.723***
2) ORDALT/FIELD CHANGE KITS																				
2.1) ORDALT/FIELD CHANGE KITS(†)	A		195,737.41	278	54.415	53,076.92	13	0.690	58,250.00	12	0.699	59,583.33	9	0.536	-	-	-	59,583.33	9	0.536
Subtotal: 2) ORDALT/FIELD CHANGE KITS			**-**	**-**	***54.415***	**-**	**-**	***0.690***	**-**	**-**	***0.699***	**-**	**-**	***0.536***	**-**	**-**	**-**	**-**	**-**	***0.536***
Total			**-**	**-**	**87.724**	**-**	**-**	**2.402**	**-**	**-**	**2.417**	**-**	**-**	**2.259**	**-**	**-**	**-**	**-**	**-**	**2.259**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0925 / Command and Control Switchboard	Aggregated Items: COMMAND AND CONTROL SWITCHBOARD

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
2) ORDALT/FIELD CHANGE KITS												
2.1) ORDALT/FIELD CHANGE KITS		2024	Valkyrie / Oxnard, CA	C / CPFF	Port Hueneme, CA	Nov 2023	Jan 2024	14	48,357.14	Y		
2.1) ORDALT/FIELD CHANGE KITS		2025	Valkyrie / Oxnard, CA	C / FFP	Port Hueneme, CA	Nov 2024	Jan 2025	13	53,076.92	Y		
2.1) ORDALT/FIELD CHANGE KITS		2026	Valkyrie / Oxnard, CA	C / CPFF	Port Hueneme, CA	Nov 2025	Jan 2026	12	58,250.00	Y		
2.1) ORDALT/FIELD CHANGE KITS		2027	Valkyrie / Oxnard, CA	C / CPFF	Port Hueneme, CA	Nov 2026	Jan 2027	9	59,583.33	Y		

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	481.620	76.601	60.617	131.315	0.000	131.315	222.063	259.123	292.700	186.012	220.061	1,930.112
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	481.620	76.601	60.617	131.315	0.000	131.315	222.063	259.123	292.700	186.012	220.061	1,930.112
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**481.620**	**76.601**	**60.617**	**131.315**	**0.000**	**131.315**	**222.063**	**259.123**	**292.700**	**186.012**	**220.061**	**1,930.112**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	0.342	-	4.066	-	4.066	11.333	12.286	10.926	10.141	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Landing Helicopter Assault (LHA) and Landing Helicopter Dock (LHD) Modernization Program is required to upgrade the in-service LHA 6 and LHD 1 Class ships in order to keep the LHA and LHD Class relevant and
operational. The LHA and LHD Program is composed of a series of improvements in both the Hull, Mechanical, and Electrical (HM&E), Interior Communication, Cybersecurity and Aviation Integration systems. Some major
modernization efforts include the procurement and installation of Brushless Generators, Electric Plant and Power Management Platform (PMP), Main Feed Pump replacement, and Propulsion and Auxiliary Control System (PACS),
Ballast and DC Console, High Efficiency Super Capacity (HES-C) Chiller, and Modular Refrigeration System.

The Brushless Generator replacement will reduce down time, total ownership costs, and maintenance costs associated with antiquated brush type generators. Main feed pump procurement and install replaces obsolete main feed
pumps for the main propulsion boiler. Propulsion and Auxiliary Control System (PACS) provides a network infrastructure for HM&E systems.

[P40A / LHD Class Service Life Extension (SLE)]: Funds LHD-1 WASP Class ships Modernization Program to support service life extension (SLE). SLE outcome maintains LHA/LHD Inventory at 10 ships.

[P40A / USS WASP LHD 1 Service Life Extension]: The FY27 increase of $13.242M funds procurement, engineering services, DSA and advance planning in support of the FY29 LHD 1 SRA. Maintains LHD-1 WASP in commission to FY34 vice decommissioning in FY29. LHD 1 age in FY34 is 46 years, LHD-1 Class ESL is 40 years. Maintains LHA/LHD Inventory at 10 ships to mitigate new construction delays.

[P40A / LHD SLE PMP2.0 and Circuit Breaker Modernization]: Power Management Platform (PMP) 2.0 is an improvement over baseline 0 and converts legacy analog controls to a digital automated control system in support of LHD 1 Wasp Class Service Life Extension. Installation includes replacement of obsolete switchboard Whipp and Bourne circuit breakers with DRS breakers that will improve navy total ownership by increasing commonality across the fleet and reducing preventative and corrective maintenance.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LHA/LHD Midlife				- / 63.364	- / 2.266	- / 9.198	- / 14.732	- / -	- / 14.732
P-3a	1 / Machinery Control System (MCS) (TBD)				- / 38.873	- / 5.024	- / 0.488	- / 18.802	- / 0.000	- / 18.802
P-3a	2 / Power Management Platform (Electric Plant Control) (TBD)				- / 57.580	- / 1.941	- / 3.867	- / 6.174	- / 0.000	- / 6.174
P-3a	3 / Brushless Generator (TBD)				- / 72.606	- / 14.252	- / 0.219	- / 2.578	- / 0.000	- / 2.578
P-3a	4 / Main Feed Pump (TBD)				- / 21.434	- / 2.545	- / 0.541	- / 4.189	- / 0.000	- / 4.189
P-3a	6 / Ballast and DC Console (TBD)				- / 18.087	- / 0.599	- / 1.002	- / 2.431	- / 0.000	- / 2.431
P-3a	7 / Ship Control System (TBD)				- / 38.264	- / 3.468	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	8 / High Efficiency Super Capacity (HES-C) Chiller (TBD)				- / 0.000	- / 0.000	- / 39.980	- / 45.694	- / 0.000	- / 45.694
P-3a	5 / Propulsion and Auxiliary Control System (PACS) (TBD)				- / 95.069	- / 24.458	- / 1.524	- / 0.000	- / 0.000	- / 0.000
P-3a	9 / Modular Refrigeration System (MRS) (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 7.979	- / 0.000	- / 7.979
P-3a	10 / HYDRA (TBD)				- / 35.921	- / 7.836	- / 0.941	- / 7.878	- / 0.000	- / 7.878
P-3a	11 / Amplified Announcing System (TBD)				- / 18.126	- / 4.223	- / 2.334	- / 4.323	- / 0.000	- / 4.323
P-3a	12 / DCSS (TBD)				- / 2.425	- / 0.000	- / 0.000	- / 1.360	- / 0.000	- / 1.360
P-3a	13 / ICT (TBD)				- / 7.580	- / 1.643	- / 0.137	- / 2.077	- / 0.000	- / 2.077
P-3a	14 / IVN (TBD)				- / 4.962	- / 8.346	- / 0.386	- / 6.935	- / 0.000	- / 6.935
P-3a	15 / IVCN (TBD)				- / 7.329	- / 0.000	- / 0.000	- / 6.163	- / 0.000	- / 6.163
P-40	**Total Gross/Weapon System Cost**				**- / 481.620**	**- / 76.601**	**- / 60.617**	**- / 131.315**	**- / 0.000**	**- / 131.315**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LHA/LHD Midlife				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / Machinery Control System (MCS) (TBD)				- / 3.872	- / 8.886	- / 2.252	- / 5.280	- / 2.910	- / 86.387
P-3a	2 / Power Management Platform (Electric Plant Control) (TBD)				- / 28.397	- / 16.113	- / 14.048	- / 1.060	- / 0.000	- / 129.180
P-3a	3 / Brushless Generator (TBD)				- / 27.759	- / 6.391	- / 14.830	- / 1.000	- / 0.000	- / 139.635
P-3a	4 / Main Feed Pump (TBD)				- / 13.963	- / 11.143	- / 10.077	- / 0.000	- / 3.096	- / 66.988
P-3a	6 / Ballast and DC Console (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 22.119
P-3a	7 / Ship Control System (TBD)				- / 0.000	- / 2.519	- / 0.000	- / 5.601	- / 0.000	- / 49.852
P-3a	8 / High Efficiency Super Capacity (HES-C) Chiller (TBD)				- / 47.819	- / 105.523	- / 93.124	- / 94.503	- / 154.158	- / 580.801
P-3a	5 / Propulsion and Auxiliary Control System (PACS) (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 25.000	- / 146.051
P-3a	9 / Modular Refrigeration System (MRS) (TBD)				- / 8.632	- / 19.102	- / 14.989	- / 4.636	- / 14.893	- / 70.231
P-3a	10 / HYDRA (TBD)				- / 4.481	- / 5.932	- / 4.731	- / 0.000	- / 0.000	- / 67.720
P-3a	11 / Amplified Announcing System (TBD)				- / 4.385	- / 2.144	- / 2.035	- / 0.000	- / 0.000	- / 37.570
P-3a	12 / DCSS (TBD)				- / 1.661	- / 0.616	- / 1.778	- / 0.302	- / 0.353	- / 8.495

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-3a	13 / ICT (TBD)				- / 0.970	- / 2.499	- / 0.150	- / 1.912	- / 0.974	- / 17.942
P-3a	14 / IVN (TBD)				- / 2.227	- / 9.281	- / 0.424	- / 10.150	- / 12.300	- / 55.011
P-3a	15 / IVCN (TBD)				- / 6.557	- / 2.043	- / 8.185	- / 0.306	- / 2.817	- / 33.400
P-40	**Total Gross/Weapon System Cost**				**- / 222.063**	**- / 259.123**	**- / 292.700**	**- / 186.012**	**- / 220.061**	**- / 1,930.112**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

The FY 2026 spend plan for 0933, LHA/LHD MIDLIFE, includes $60,617 thousand of discretionary funding and $65,400 thousand of mandatory funding for a total of $126,017 thousand. The mandatory funds supported AMPHIB modernization and LHD HM&E integration and availability procurements.

The FY27 request for LHA/LHD Midlife includes $131,315 thousand of requirements to support AMPHIB modernization and LHD HM&E integration and availability procurements. FY 2027 funds provided for the modernization of Landing Helicopter Assault (LHA) and Landing Helicopter Dock (LHD) ships to include alteration procurements, installations and Design Services Allocation (DSA), continued Non Reoccurring Engineering (NRE) and engineering services. Discretionary funding increased by $ 70,698 thousand from FY 2026 to FY 2027. Net increase mainly driven by increases in procurement and installation quantities of Machinery Control System (MCS), increases in procurement quantity of Power Management Platform (PMP), increase in A-1 DSA and Advance Planning of Brushless Generator, increases in procurement quantity of Main Feed Pump (MFP), increase in installation quantity of Ballast and Damage Control Console, decrease from net adjustments to High Efficiency Super Capacity (HES-C) Chiller, increase in procurement quantities of Modular Refrigeration System (MRS), increases in procurement quantity of Hierarchical Yet Dynamically Reprogrammable Architecture (HYDRA), increases in procurement and installation quantity of Amplified Announcing System, increases in procurement quantity of Integrated Communication Terminals (ICT), and increases in procurement quantity of Integrated Voice Network (IVN).

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Aggregated Items Title:** LHA/LHD Midlife

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) LH002 Conjunctive Alterations																				
1.1) Main Lube Oil Modification [1]	A		-	-	-	-	-	-	-	-	-	-	-	0.220	-	-	-	-	-	0.220
1.2) Conjunctive Alterations [2]	A		-	-	54.820	-	-	2.266	-	-	6.698	-	-	0.560	-	-	-	-	-	0.560
1.3) HM&E CONDITION SYSTEM [3]	A		-	-	5.344	-	-	-	-	-	1.200	-	-	0.710	-	-	-	-	-	0.710
Subtotal: 1) LH002 Conjunctive Alterations			**-**	**-**	***60.164***	**-**	**-**	***2.266***	**-**	**-**	***7.898***	**-**	**-**	***1.490***	**-**	**-**	**-**	**-**	**-**	***1.490***
2) JSF ALIS																				
2.1) JSF ALIS [4]	A		-	-	3.200	-	-	-	-	-	1.300	-	-	-	-	-	-	-	-	-
Subtotal: 2) JSF ALIS			**-**	**-**	***3.200***	**-**	**-**	**-**	**-**	**-**	***1.300***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) LHD Class Service Life Extension																				
3.2) USS WASP LHD 1 Service Life Extension	A		-	-	-	-	-	-	-	-	-	13,242K	1	13.242	-	-	-	13,242K	1	13.242
Subtotal: 3) LHD Class Service Life Extension			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***13.242***	**-**	**-**	**-**	**-**	**-**	***13.242***
Total			**-**	**-**	**63.364**	**-**	**-**	**2.266**	**-**	**-**	**9.198**	**-**	**-**	**14.732**	**-**	**-**	**-**	**-**	**-**	**14.732**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

[1] The FY2027 increase of $220 thousand request funds non-recurring engineering to mature ship change document, engineering services and advance planning for installation in FY2028. This modification installs new equipment to correct several different design deficiencies in main reduction gear (MRG) lube oil (LO) pressure control system on LHD-8 and LHA class ships. Without alteration ship will be unable to properly manage main reduction gear LO pressure and control it during transients in main engine shaft speed, when shifting LO pumps or changing LO pumps speeds.

[2] The FY2027 $0.560M conjunctive request funds LHD 8 FY28 availability scheduled for FY27 award for shipyard prorated and temporary services that support HME conjunctive integration, modifications and testing. Reduction increases risk to funding shipyard services to support installations. Conjunctive Alteration provides modernization modifications and integration to include conjunctive modernization growth Work and prorates of HM&E modifications to accommodate PEO IWS, NAVWAR, NAVAIR and other Program's Modernization during Shipyard Availabilities, equipment procurement, non-recurring and recurring engineering equipment integration and Integrated Logistics Support (ILS) products for LHA and LHD Class ships.

[3] The FY 2027 $0.490M decrease due to rephasing of FY27 and FY28 splits for engineering services, procurement and installation on the USS Boxer (LHD 4) by an Alteration Installation Team (AIT). The installation will implement a Defense-in-Depth Functional Implementation Architecture (DFIA) and meet the requirements of the standards released by the Information Assurance Technical Authority Board (IA TAB) across all the HM&E systems deploying the ability to protect, detect, react, and restore in a contested environment. The HM&E Condition System will monitor the signals on the HM&E network, both between HM&E systems and also those coming from other functional domains.

[4] FY 2027 decrease of $1.3M due to rephasing of procurement and installation to FY 2028. Funding supports Joint Strike Fighter Autonomic Logistics Information System (JSF ALIS) installations. JSF ALIS is the tactical aircraft logistics system focused on sustainment, together with economies of scale supporting a global supply chain system for aircraft. JSF ALIS is deploying with an Operational Data Integrated Network (ODIN) via On-Board Kit (OBK) rollout. The JSF ALIS ODIN is a form/fit/function install. Installs are to be performed by the In-Service Engineering Agent (ISEA). Installs are not limited to CNO availability schedules and may be performed within windows of opportunity (WOO).

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 1 / Machinery Control System (MCS)
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	38.873	5.024	0.488	18.802	0.000	18.802	3.872	8.886	2.252	5.280	2.910	86.387
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	38.873	5.024	0.488	18.802	0.000	18.802	3.872	8.886	2.252	5.280	2.910	86.387
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**38.873**	**5.024**	**0.488**	**18.802**	**0.000**	**18.802**	**3.872**	**8.886**	**2.252**	**5.280**	**2.910**	**86.387**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Machinery Control System (MCS) will replace the existing obsolete Versa Module Europa (VME) server with Windows XP operating system (O/S) as part of the ship construction award for LHD8 and LHA6. Both the hardware and software are no longer supported by industry and require a complete replacement. MCS will leverage existing infrastructure replacing internal hardware to the existing system's servers. LHD8, LHA 6-7 will receive a Versatile Performance Switching (VPX) server with Windows 10, or future O/S that provides improved bandwidth for control of the ship's 37 vital engineering systems, while maintain margin for new capabilities to be introduced. The new system provides room for growth and flexibility to easily incorporate emerging cyber security requirements that will help prevent adversarial threats.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 1 / Machinery Control System (MCS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Machinery Control System (MCS)												
B Kits												
Non-Recurring												
2.2.1) MCS PROCUREMENT - NonOrganic [5]	2 / 19.324	- / -	- / -	1 / 10.193	- / -	1 / 10.193	- / -	- / -	- / -	- / -	- / -	3 / 29.517
Subtotal: Non-Recurring	*- / 19.324*	*- / -*	*- / -*	*- / 10.193*	*- / -*	*- / 10.193*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 29.517*
Subtotal: Machinery Control System (MCS)	*2 / 19.324*	*- / -*	*- / -*	*1 / 10.193*	*- / -*	*1 / 10.193*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*3 / 29.517*
Subtotal: Procurement, All Modification Items	*- / 19.324*	*- / -*	*- / -*	*- / 10.193*	*- / -*	*- / 10.193*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 29.517*
Support *(All Modification Items)*												
3.1) ENGINEERING SERVICES [6]	- / 2.369	- / -	- / -	- / 0.372	- / -	- / 0.372	- / 1.149	- / 1.183	- / 1.219	- / 1.256	- / 1.293	- / 8.841
3.2) Alteration NRE [7]	- / 17.180	- / 5.024	- / 0.488	- / 4.067	- / -	- / 4.067	- / 2.373	- / 3.273	- / 0.695	- / -	- / 1.617	- / 34.717
Subtotal: Support	*- / 19.549*	*- / 5.024*	*- / 0.488*	*- / 4.439*	*- / -*	*- / 4.439*	*- / 3.522*	*- / 4.456*	*- / 1.914*	*- / 1.256*	*- / 2.910*	*- / 43.558*
Installation												
Modification Item 1 of 1: Machinery Control System (MCS)	- / 0.000	- / 0.000	- / 0.000	- / 4.170	- / 0.000	- / 4.170	- / 0.350	- / 4.430	- / 0.338	- / 4.024	- / 0.000	- / 13.312
Subtotal: Installation	*- / 0.000*	*- / -*	*- / -*	*- / 4.170*	*- / -*	*- / 4.170*	*- / 0.350*	*- / 4.430*	*- / 0.338*	*- / 4.024*	*- / 0.000*	*- / 13.312*
Total												
Total Cost (Procurement + Support + Installation)	**38.873**	**5.024**	**0.488**	**18.802**	**0.000**	**18.802**	**3.872**	**8.886**	**2.252**	**5.280**	**2.910**	**86.387**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 1 / Machinery Control System (MCS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: Machinery Control System (MCS)

Manufacturer Information

Manufacturer Name: Multiple	Manufacturer Location: TBDMulti
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 48

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Apr 2027				
Delivery Dates			Apr 2031				

Installation Information

Method of Implementation: [none specified]:: Installation Name: MCS PROCUREMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	1 / 4.170	0 / 0.000	1 / 4.170	0 / 0.350	1 / 3.793	- / -	- / -	0 / 0.000	2 / 8.313
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.637	0 / 0.338	1 / 4.024	0 / 0.000	1 / 4.999
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	1 / 4.170	0 / 0.000	1 / 4.170	0 / 0.350	1 / 4.430	0 / 0.338	1 / 4.024	0 / 0.000	3 / 13.312

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	3
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	3

Footnotes:

(5) FY2027 request of $10.193M funds procurement quantity increase of Machinery Control System to support LHA 7 in FY31.

(6) FY2027 request of $0.372M funds engineering services and sustainment support.

(7) FY2027 request of $4.067M (increase of $3.579M) funds Non-Reoccurring Engineering required for the LHA 6 install in FY29.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 2 / Power Management Platform (Electric Plant Control)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	57.580	1.941	3.867	6.174	0.000	6.174	28.397	16.113	14.048	1.060	0.000	129.180
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	57.580	1.941	3.867	6.174	0.000	6.174	28.397	16.113	14.048	1.060	0.000	129.180
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**57.580**	**1.941**	**3.867**	**6.174**	**0.000**	**6.174**	**28.397**	**16.113**	**14.048**	**1.060**	**0.000**	**129.180**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Description: Power Management Platform (PMP) modernization converts legacy analog controls to a digital automated control system. This system gathers and combines all Electric plant data that can be monitored at different control stations throughout the engineering plant ensuring redundancy of the system. PMP simplifies multiple control sequences into single step operations, making possible new control capabilities that were too cumbersome for operators to perform. PMP implements a gradual Ship Service Turbine Generator (SSTG) turbine startup/shutdown sequence which allows the turbine to achieve stabilized temperatures more consistently, reducing operational stress on components and improves reliability and operational availability of the system. PMP automation will reduce electrical system transients and stress on breaker components by employing a Zero Power Transfer (ZPT) strategy, which limits the current flow through an individual breaker to zero during open/close evolutions. During PMP installation obsolete switchboard breakers will be replaced with Commercial Off-the-Shelf (COTS) Whipp and Bourne circuit breakers that will improve navy total ownership by increasing commonality across the fleet and reducing preventative and corrective maintenance.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 2 / Power Management Platform (Electric Plant Control)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Power Management Platform (Electric Plant Control)												
B Kits												
Recurring												
1.1.1) Power Management Platform (Electric Plant Control) - NonOrganic [8]	2 / 26.056	- / -	1 / 3.061	1 / 3.270	- / -	1 / 3.270	1 / 12.009	- / -	- / -	- / -	- / -	5 / 44.396
Subtotal: Recurring	*- / 26.056*	*- / -*	*- / 3.061*	*- / 3.270*	*- / -*	*- / 3.270*	*- / 12.009*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 44.396*
Subtotal: Power Management Platform (Electric Plant Control)	*2 / 26.056*	*- / -*	*1 / 3.061*	*1 / 3.270*	*- / -*	*1 / 3.270*	*1 / 12.009*	*- / -*	*- / -*	*- / -*	*- / -*	*5 / 44.396*
Subtotal: Procurement, All Modification Items	*- / 26.056*	*- / -*	*- / 3.061*	*- / 3.270*	*- / -*	*- / 3.270*	*- / 12.009*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 44.396*
Support *(All Modification Items)*												
2.1) PMP Eng Services [9]	- / 4.116	- / 1.941	- / 0.333	- / 0.339	- / -	- / 0.339	- / 2.060	- / 2.101	- / 2.154	- / 1.060	- / -	- / 14.104
Subtotal: Support	*- / 4.116*	*- / 1.941*	*- / 0.333*	*- / 0.339*	*- / -*	*- / 0.339*	*- / 2.060*	*- / 2.101*	*- / 2.154*	*- / 1.060*	*- / 0.000*	*- / 14.104*
Installation												
Modification Item 1 of 1: Power Management Platform (Electric Plant Control)	- / 27.408	- / 0.000	- / 0.473	- / 2.565	- / 0.000	- / 2.565	- / 14.328	- / 14.012	- / 11.894	- / 0.000	- / 0.000	- / 70.680
Subtotal: Installation	*- / 27.408*	*- / -*	*- / 0.473*	*- / 2.565*	*- / -*	*- / 2.565*	*- / 14.328*	*- / 14.012*	*- / 11.894*	*- / -*	*- / 0.000*	*- / 70.680*
Total												
Total Cost (Procurement + Support + Installation)	**57.580**	**1.941**	**3.867**	**6.174**	**0.000**	**6.174**	**28.397**	**16.113**	**14.048**	**1.060**	**0.000**	**129.180**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 2 / Power Management Platform (Electric Plant Control)

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 1: Power Management Platform (Electric Plant Control)

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 22

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates		Feb 2026	Jun 2027	Aug 2028			
Delivery Dates		Dec 2028	Apr 2029	Jun 2030			

Installation Information

Method of Implementation: [none specified]:: Installation Name: Power Management Platform (Electric Plant Control)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	2 / 27.408	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 27.408
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	0 / 0.473	0 / 2.083	0 / 0.000	0 / 2.083	1 / 11.714	- / -	- / -	- / -	0 / 0.000	1 / 14.270
FY 2027	- / -	- / -	- / -	0 / 0.482	0 / 0.000	0 / 0.482	0 / 2.123	1 / 11.923	- / -	- / -	0 / 0.000	1 / 14.528
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.491	0 / 2.089	1 / 11.894	- / -	0 / 0.000	1 / 14.474
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 27.408	- / -	0 / 0.473	0 / 2.565	0 / 0.000	0 / 2.565	1 / 14.328	1 / 14.012	1 / 11.894	- / -	0 / 0.000	5 / 70.680

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	5
Out	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	5

Footnotes:

(8) FY 2027 increase of $1.926M funding includes supporting 2-year and 1-year prior DSA and Advance Planning for installations in FY 2028 and FY 2029, and for PMP console procurement only with circuit breakers procured via Reconciliation funding. Unit procurement cost reductions updated for FY26 and FY27 only due to procurement of PMP Circuit Breakers via reconciliation funding.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 2 / Power Management Platform (Electric Plant Control)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

(9) Installation funding for a ship is divided over a three-year period. Installation execution funding in the year of availability, and Design Service Allocation (DSA) two years prior to availability, and DSA in the year prior to the availability. This includes ship checks, ship installation drawing (SID) development, logistic document development and long lead time material procurements (LLTM). Installation costs across the FYDP may vary depending on current port rates. Port rates are updated every year by a CNRMC letter based on the forecasted port loading model. Port loading rate forecasts are the rates recommended for all budgeted maintenance and organic modernization within a specific port. Individual ship's availability durations vary dependent upon the integration of ship's maintenance and modernization work packages.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 3 / Brushless Generator
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	72.606	14.252	0.219	2.578	0.000	2.578	27.759	6.391	14.830	1.000	0.000	139.635
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	72.606	14.252	0.219	2.578	0.000	2.578	27.759	6.391	14.830	1.000	0.000	139.635
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**72.606**	**14.252**	**0.219**	**2.578**	**0.000**	**2.578**	**27.759**	**6.391**	**14.830**	**1.000**	**0.000**	**139.635**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Brushless Generator replacement will reduce down time, total ownership costs, and maintenance costs associated with antiquated brush type generators.

Brushless Generator Upgrade replaces five (5) brush-type Ship's Service Turbine Generators on LHDs that are plagued by severe reliability, maintenance and obsolescence problems. Brushless Generator Upgrade will reduce both Ship's Force and depot level maintenance requirements and increase the electric plant Operational Availability (Ao) on LHD class ships.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 3 / Brushless Generator
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: LHD Midlife PMP	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Brushless Generator												
B Kits												
Recurring												
1.1.1) Brushless Generator for PMP - NonOrganic (10)	4 / 25.975	1 / 6.849	- / -	- / -	- / -	- / -	1 / 9.019	- / -	- / -	- / -	- / -	6 / 41.843
Subtotal: Recurring	*- / 25.975*	*- / 6.849*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 9.019*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 41.843*
Subtotal: Brushless Generator	*4 / 25.975*	*1 / 6.849*	*- / -*	*- / -*	*- / -*	*- / -*	*1 / 9.019*	*- / -*	*- / -*	*- / -*	*- / -*	*6 / 41.843*
Subtotal: Procurement, All Modification Items	*- / 25.975*	*- / 6.849*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 9.019*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 41.843*
Support *(All Modification Items)*												
2.1) Non-Recurring Engineering	- / 10.197	- / -	- / -	- / -	- / -	- / -	1 / 2.376	1 / 0.750	- / -	- / -	- / -	2 / 13.323
2.2) Engineering Services	- / 1.824	- / 0.503	- / 0.219	- / 0.223	- / -	- / 0.223	- / 0.562	- / 3.087	- / 0.241	- / 1.000	- / -	- / 7.659
Subtotal: Support	*- / 12.021*	*- / 0.503*	*- / 0.219*	*- / 0.223*	*- / -*	*- / 0.223*	*- / 2.938*	*- / 3.837*	*- / 0.241*	*- / 1.000*	*- / 0.000*	*- / 20.982*
Installation												
Modification Item 1 of 1: Brushless Generator	- / 34.610	- / 6.900	- / 0.000	- / 2.355	- / 0.000	- / 2.355	- / 15.802	- / 2.554	- / 14.589	- / 0.000	- / 0.000	- / 76.810
Subtotal: Installation	*- / 34.610*	*- / 6.900*	*- / -*	*- / 2.355*	*- / -*	*- / 2.355*	*- / 15.802*	*- / 2.554*	*- / 14.589*	*- / -*	*- / 0.000*	*- / 76.810*
Total												
Total Cost (Procurement + Support + Installation)	**72.606**	**14.252**	**0.219**	**2.578**	**0.000**	**2.578**	**27.759**	**6.391**	**14.830**	**1.000**	**0.000**	**139.635**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 3 / Brushless Generator
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: Brushless Generator

Manufacturer Information

Manufacturer Name: KATO ENGINEERING	Manufacturer Location: MN
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 30

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jun 2025						
Delivery Dates	Dec 2027						

Installation Information

Method of Implementation: AIT/Industrial:: Installation Name: Brushless Generator for PMP

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	3 / 34.610	1 / 6.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	4 / 40.890
FY 2025	- / -	0 / 0.620	- / -	0 / 2.355	0 / 0.000	0 / 2.355	1 / 15.467	- / -	- / -	- / -	0 / 0.000	1 / 18.442
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.335	0 / 2.554	1 / 14.589	- / -	0 / 0.000	1 / 17.478
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	3 / 34.610	1 / 6.900	- / -	0 / 2.355	0 / 0.000	0 / 2.355	1 / 15.802	0 / 2.554	1 / 14.589	- / -	0 / 0.000	6 / 76.810

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	3	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	6
Out	2	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	6

Footnotes:

(10) The FY 2027 net increase of $2.359M funds one year prior DSA and Advance Planning requirements for installation in FY 2028.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 4 / Main Feed Pump
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	21.434	2.545	0.541	4.189	0.000	4.189	13.963	11.143	10.077	0.000	3.096	66.988
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	21.434	2.545	0.541	4.189	0.000	4.189	13.963	11.143	10.077	0.000	3.096	66.988
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**21.434**	**2.545**	**0.541**	**4.189**	**0.000**	**4.189**	**13.963**	**11.143**	**10.077**	**0.000**	**3.096**	**66.988**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Main Feed Pump (MFP) replacement addresses system obsolescence by installing an industry supported, steam driven pump with a new electronic automatic boiler control that will prevent over-speed conditions, which is a major cause of MFP failures. The new pump will improve reliability, operational availability and bring commonality with other ship classes.
Engineering Services required in year prior to install.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 4 / Main Feed Pump
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Main Feed Pump												
B Kits												
Recurring												
1.1.1) Main Feed Pump - NonOrganic (11)	2 / 4.698	1 / 2.545	- / -	1 / 2.637	- / -	1 / 2.637	1 / 2.684	- / -	- / -	- / -	- / 3.096	5 / 15.660
Subtotal: Recurring	*- / 4.698*	*- / 2.545*	*- / -*	*- / 2.637*	*- / -*	*- / 2.637*	*- / 2.684*	*- / -*	*- / -*	*- / -*	*- / 3.096*	*- / 15.660*
Subtotal: Main Feed Pump	*2 / 4.698*	*1 / 2.545*	*- / -*	*1 / 2.637*	*- / -*	*1 / 2.637*	*1 / 2.684*	*- / -*	*- / -*	*- / -*	*- / 3.096*	*5 / 15.660*
Subtotal: Procurement, All Modification Items	*- / 4.698*	*- / 2.545*	*- / -*	*- / 2.637*	*- / -*	*- / 2.637*	*- / 2.684*	*- / -*	*- / -*	*- / -*	*- / 3.096*	*- / 15.660*
Support *(All Modification Items)*												
2.1) Non-Recurring Engineering	- / 1.982	- / -	- / 0.183	- / 0.186	- / -	- / 0.186	- / 0.189	- / 0.219	- / -	- / -	- / -	- / 2.759
Subtotal: Support	*- / 1.982*	*- / -*	*- / 0.183*	*- / 0.186*	*- / -*	*- / 0.186*	*- / 0.189*	*- / 0.219*	*- / -*	*- / -*	*- / 0.000*	*- / 2.759*
Installation												
Modification Item 1 of 1: Main Feed Pump	- / 14.754	- / 0.000	- / 0.358	- / 1.366	- / 0.000	- / 1.366	- / 11.090	- / 10.924	- / 10.077	- / 0.000	- / 0.000	- / 48.569
Subtotal: Installation	*- / 14.754*	*- / -*	*- / 0.358*	*- / 1.366*	*- / -*	*- / 1.366*	*- / 11.090*	*- / 10.924*	*- / 10.077*	*- / -*	*- / 0.000*	*- / 48.569*
Total												
Total Cost (Procurement + Support + Installation)	**21.434**	**2.545**	**0.541**	**4.189**	**0.000**	**4.189**	**13.963**	**11.143**	**10.077**	**0.000**	**3.096**	**66.988**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 4 / Main Feed Pump
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: Main Feed Pump

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 27

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	May 2025		Feb 2027	Feb 2028			
Delivery Dates	Aug 2027		May 2029	May 2030			

Installation Information

Method of Implementation: Industrial:: Installation Name: Main Feed Pump

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	2 / 14.754	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 14.754
FY 2025	- / -	- / -	0 / 0.358	0 / 1.002	0 / 0.000	0 / 1.002	1 / 9.699	- / -	- / -	- / -	0 / 0.000	1 / 11.059
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.364	0 / 0.000	0 / 0.364	0 / 1.020	1 / 9.886	- / -	- / -	0 / 0.000	1 / 11.270
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.371	0 / 1.038	1 / 10.077	- / -	0 / 0.000	1 / 11.486
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 14.754	- / -	0 / 0.358	0 / 1.366	0 / 0.000	0 / 1.366	1 / 11.090	1 / 10.924	1 / 10.077	- / -	0 / 0.000	5 / 48.569

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	5
Out	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	5

Footnotes:

(11) The FY 2027 $3.648M increase funds one year prior DSA and Advance Planning for the FY 2028 installation and initial two-year prior DSA and Advance Planning for the FY 2029 installation. Funding also includes one quantity procurement and NRE for a FY 2029 installation.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 6 / Ballast and DC Console
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	18.087	0.599	1.002	2.431	0.000	2.431	0.000	0.000	0.000	0.000	0.000	22.119
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	18.087	0.599	1.002	2.431	0.000	2.431	0.000	0.000	0.000	0.000	0.000	22.119
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**18.087**	**0.599**	**1.002**	**2.431**	**0.000**	**2.431**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**22.119**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Ballast and Damage Control Console install replaces existing operator consoles for Ballasting, Fire main, Firefighting, and AFFF Systems with Commercial off-the-Shelf, dual screen consoles and Operator Interface Panels. These consoles have been plagued by power supply assemblies and circuit card obsolescence, which has made these systems degraded from their normal capability reducing watchstander situational awareness. This install is a Class safety alt to prevent casualties such as Ballast tank over pressurization and flooding.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 6 / Ballast and DC Console
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: TBD	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Ballast and DC Console												
B Kits												
Recurring												
2.1.1) BALLAST AND DC CONSOLE PROCUREMENT - NonOrganic [12]	1 / 14.639	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 14.639
Subtotal: Recurring	*- / 14.639*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 14.639*
Subtotal: Ballast and DC Console	*1 / 14.639*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*1 / 14.639*
Subtotal: Procurement, All Modification Items	*- / 14.639*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 14.639*
Support *(All Modification Items)*												
3.1) ENGINEERING SUPPORT	- / 3.223	- / 0.599	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 3.822
Subtotal: Support	*- / 3.223*	*- / 0.599*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 3.822*
Installation												
Modification Item 1 of 1: Ballast and DC Console	- / 0.225	- / 0.000	- / 1.002	- / 2.431	- / 0.000	- / 2.431	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 3.658
Subtotal: Installation	*- / 0.225*	*- / -*	*- / 1.002*	*- / 2.431*	*- / -*	*- / 2.431*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 3.658*
Total												
Total Cost (Procurement + Support + Installation)	**18.087**	**0.599**	**1.002**	**2.431**	**0.000**	**2.431**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**22.119**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 6 / Ballast and DC Console
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: Ballast and DC Console

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 24

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: [none specified]:: Installation Name: BALLAST AND DC CONSOLE PROCUREMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	0 / 0.225	- / -	0 / 1.002	1 / 2.431	0 / 0.000	1 / 2.431	- / -	- / -	- / -	- / -	0 / 0.000	1 / 3.658
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.225	- / -	0 / 1.002	1 / 2.431	0 / 0.000	1 / 2.431	- / -	- / -	- / -	- / -	0 / 0.000	1 / 3.658

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1

Footnotes:

(12) The FY 2027 funding increase (+1.429M) funds installation on LHD 8.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 7 / Ship Control System
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	38.264	3.468	0.000	0.000	0.000	0.000	0.000	2.519	0.000	5.601	0.000	49.852
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	38.264	3.468	0.000	0.000	0.000	0.000	0.000	2.519	0.000	5.601	0.000	49.852
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**38.264**	**3.468**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**2.519**	**0.000**	**5.601**	**0.000**	**49.852**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

(P40A) SCS-GOV (LHD7/8, LHA 6/7): The Ship Control System-Government (SCS-GOV) supports the standardization of hardware, software and design of the surface ship Ship Control Systems (SCS) to address hardware and software obsolescence issues. The installation will bring commonality across the LHD 1-8 and LHA-6 hulls. SCS-GOV replaces the analog Ship Control System (SCS) with a digital SCS. Analog systems are very maintenance intensive constantly requiring alignment of the amplifiers, indicators, and other transmitting devices. The existing system is also largely obsolete requiring cannibalization from decommissioned ships.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 7 / Ship Control System
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Ship Control System												
B Kits												
Recurring												
2.1.1) SCS- GOV PROCUREMENT - NonOrganic	6 / 9.292	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.485	- / -	- / -	- / -	7 / 10.777
Subtotal: Recurring	*- / 9.292*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 1.485*	*- / -*	*- / -*	*- / 0.000*	*- / 10.777*
Subtotal: Ship Control System	*6 / 9.292*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*1 / 1.485*	*- / -*	*- / -*	*- / -*	*7 / 10.777*
Subtotal: Procurement, All Modification Items	*- / 9.292*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 1.485*	*- / -*	*- / -*	*- / 0.000*	*- / 10.777*
Support *(All Modification Items)*												
3.1) ENGINEERING SERVICES	- / 2.802	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.647	- / -	- / -	- / -	- / 3.449
3.2) Alteration NRE	- / 0.387	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.387
Subtotal: Support	*- / 3.189*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.647*	*- / -*	*- / -*	*- / 0.000*	*- / 3.836*
Installation												
Modification Item 1 of 1: Ship Control System	- / 25.783	- / 3.468	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.387	- / 0.000	- / 5.601	- / 0.000	- / 35.239
Subtotal: Installation	*- / 25.783*	*- / 3.468*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.387*	*- / -*	*- / 5.601*	*- / 0.000*	*- / 35.239*
Total												
Total Cost (Procurement + Support + Installation)	**38.264**	**3.468**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**2.519**	**0.000**	**5.601**	**0.000**	**49.852**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 7 / Ship Control System
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: Ship Control System

Manufacturer Information

Manufacturer Name: L3	Manufacturer Location: New York, New York
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 24

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates					Jun 2029		
Delivery Dates					Jun 2031		

Installation Information

Method of Implementation: [none specified]:: Installation Name: SCS- GOV PROCUREMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	5 / 25.783	1 / 3.468	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	6 / 29.251
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.387	- / -	1 / 5.601	0 / 0.000	1 / 5.988
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	5 / 25.783	1 / 3.468	- / -	- / -	- / -	- / -	- / -	0 / 0.387	- / -	1 / 5.601	0 / 0.000	7 / 35.239

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	5	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	7
Out	3	-	-	-	2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	7

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 8 / High Efficiency Super Capacity (HES-C) Chiller
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	39.980	45.694	0.000	45.694	47.819	105.523	93.124	94.503	154.158	580.801
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	39.980	45.694	0.000	45.694	47.819	105.523	93.124	94.503	154.158	580.801
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**39.980**	**45.694**	**0.000**	**45.694**	**47.819**	**105.523**	**93.124**	**94.503**	**154.158**	**580.801**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The High Efficiency Super Capacity (HES-C) Chiller increases the cooling capacity onboard LHD class ships to regain cooling margin to support critical loads while reducing mechanical complexity making it lighter, more efficient and improving operational availability. Increased cooling capacity is required for critical combat system operations.

Each procurement quantity consists of three HES-C Chillers required for installation in a single space onboard LHDs.

Engineering Services support development and delivery of logistics support products, training support, etc. for the HES-C system.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 8 / High Efficiency Super Capacity (HES-C) Chiller
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: High Efficiency Super Capacity (HES-C) Chiller												
B Kits												
Recurring												
1.1.1) High Efficiency Super Capacity (HES-C) Chiller - NonOrganic [13]	- / -	- / -	2 / 35.480	2 / 36.225	- / -	2 / 36.225	2 / 36.986	2 / 38.096	2 / 39.934	2 / 40.415	- / -	12 / 227.136
Subtotal: Recurring	*- / 0.000*	*- / -*	*- / 35.480*	*- / 36.225*	*- / -*	*- / 36.225*	*- / 36.986*	*- / 38.096*	*- / 39.934*	*- / 40.415*	*- / 0.000*	*- / 227.136*
Subtotal: High Efficiency Super Capacity (HES-C) Chiller	*- / -*	*- / -*	*2 / 35.480*	*2 / 36.225*	*- / -*	*2 / 36.225*	*2 / 36.986*	*2 / 38.096*	*2 / 39.934*	*2 / 40.415*	*- / -*	*12 / 227.136*
Subtotal: Procurement, All Modification Items	*- / 0.000*	*- / -*	*- / 35.480*	*- / 36.225*	*- / -*	*- / 36.225*	*- / 36.986*	*- / 38.096*	*- / 39.934*	*- / 40.415*	*- / 0.000*	*- / 227.136*
Support *(All Modification Items)*												
2.1) Engineering Services [14]	- / -	- / -	- / -	- / 2.400	- / -	- / 2.400	- / 2.527	- / 1.970	- / 2.967	- / 3.056	- / 8.744	- / 21.664
2.2) NRE	- / -	- / -	- / 4.500	- / -	- / -	- / -	- / 0.263	- / -	- / -	- / -	- / -	- / 4.763
Subtotal: Support	*- / 0.000*	*- / -*	*- / 4.500*	*- / 2.400*	*- / -*	*- / 2.400*	*- / 2.790*	*- / 1.970*	*- / 2.967*	*- / 3.056*	*- / 8.744*	*- / 26.427*
Installation												
Modification Item 1 of 1: High Efficiency Super Capacity (HES-C) Chiller	- / 0.000	- / 0.000	- / 0.000	- / 7.069	- / 0.000	- / 7.069	- / 8.043	- / 65.457	- / 50.223	- / 51.032	- / 145.414	- / 327.238
Subtotal: Installation	*- / 0.000*	*- / -*	*- / -*	*- / 7.069*	*- / -*	*- / 7.069*	*- / 8.043*	*- / 65.457*	*- / 50.223*	*- / 51.032*	*- / 145.414*	*- / 327.238*
Total												
Total Cost (Procurement + Support + Installation)	**0.000**	**0.000**	**39.980**	**45.694**	**0.000**	**45.694**	**47.819**	**105.523**	**93.124**	**94.503**	**154.158**	**580.801**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 8 / High Efficiency Super Capacity (HES-C) Chiller
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: High Efficiency Super Capacity (HES-C) Chiller

Manufacturer Information

Manufacturer Name: Johnson Controls Navy Systems	Manufacturer Location: York, PA
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 36

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates		Dec 2025	Jun 2027	Jan 2028			
Delivery Dates		Dec 2028	Jun 2030	Jan 2031			

Installation Information

Method of Implementation: Industrial:: Installation Name: High Efficiency Super Capacity (HES-C) Chiller

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	0 / 7.069	0 / 0.000	0 / 7.069	0 / 0.463	2 / 57.269	- / -	- / -	0 / 0.000	2 / 64.801
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	0 / 7.580	0 / 0.472	2 / 41.316	- / -	0 / 0.000	2 / 49.368
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 7.716	0 / 0.480	2 / 42.184	0 / 0.000	2 / 50.380
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 8.427	0 / 0.662	2 / 43.449	2 / 52.538
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 8.186	2 / 45.262	2 / 53.448
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 56.703	2 / 56.703
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	0 / 7.069	0 / 0.000	0 / 7.069	0 / 8.043	2 / 65.457	2 / 50.223	2 / 51.032	6 / 145.414	12 / 327.238

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	-	-	-	2	6	12
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	12

Footnotes:

(13) The FY 2027 funding increase of $6.09M funds procurement of 2 ship sets under year 2 pricing awarded to Johnson Controls and Non-reoccurring Engineering (NRE). Funding also includes two year prior requirements for DSA and advance planning for the FY29 installation of quantities procured in FY2026. Installation funding for a ship is divided over a three-year period. Installation execution funding in the year of availability, and Design Service Allocation (DSA) two years prior to availability, and DSA in the year prior to the availability. This includes ship checks, ship installation drawing (SID) development, logistic

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 8 / High Efficiency Super Capacity (HES-C) Chiller
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

document development and long lead time material procurements (LLTM). Installation costs across the FYDP may vary depending on current port rates. Port rates are updated every year by a CNRMC letter based on the forecasted port loading model. Port loading rate forecasts are the rates recommended for all budgeted maintenance and organic modernization within a specific port. Individual ship's availability durations vary dependent upon the integration of ship's maintenance and modernization work packages.

(14) The FY 2027 $2.4M increase funds engineering services by the In-service Engineering Agent for sustainment support of existing chillers and supportability of replacement HESC.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 5 / Propulsion and Auxiliary Control System (PACS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	95.069	24.458	1.524	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.000	146.051
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	95.069	24.458	1.524	0.000	0.000	0.000	0.000	0.000	0.000	0.000	25.000	146.051
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**95.069**	**24.458**	**1.524**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**25.000**	**146.051**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Propulsion and Auxiliary Control System (PACS) provides a network infrastructure for Hull, Mechanical & Electrical Systems to operate on that provides the operator necessary situational awareness of the engineering plant. It will improve functionality for Fluid Control Systems (FCS), Fire Protection Systems and Interior Communication/ System Monitoring (IC/SM) alarm switchboard, which are severely degraded or inoperable across the LHD Class due to obsolescence. PACS must be installed prior to or conjunctively with Damage Control/ Ballast Control Console Upgrade, which is a Class Safety Alteration.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 5 / Propulsion and Auxiliary Control System (PACS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Propulsion and Auxiliary Control System (PACS)												
B Kits												
Recurring												
1.1.1) Propulsion and Auxiliary Control System (PACS) procurement - NonOrganic	4 / 37.146	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 37.146
Subtotal: Recurring	*- / 37.146*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 37.146*
Subtotal: Propulsion and Auxiliary Control System (PACS)	*4 / 37.146*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*4 / 37.146*
Subtotal: Procurement, All Modification Items	*- / 37.146*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 37.146*
Support *(All Modification Items)*												
2.1) Propulsion and Auxiliary Control System (PACS) Eng Services	- / 12.769	- / 2.797	- / 1.524	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 17.090
Subtotal: Support	*- / 12.769*	*- / 2.797*	*- / 1.524*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 17.090*
Installation												
Modification Item 1 of 1: Propulsion and Auxiliary Control System (PACS)	- / 45.154	- / 21.661	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 25.000	- / 91.815
Subtotal: Installation	*- / 45.154*	*- / 21.661*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 25.000*	*- / 91.815*
Total												
Total Cost (Procurement + Support + Installation)	**95.069**	**24.458**	**1.524**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**25.000**	**146.051**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 5 / Propulsion and Auxiliary Control System (PACS)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: Propulsion and Auxiliary Control System (PACS)

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 24

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Industrial:: Installation Name: Propulsion and Auxiliary Control System (PACS) procurement

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	2 / 45.154	1 / 21.661	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 25.000	4 / 91.815
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 45.154	1 / 21.661	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 25.000	4 / 91.815

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4
Out	-	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 9 / Modular Refrigeration System (MRS)
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	0.000	7.979	0.000	7.979	8.632	19.102	14.989	4.636	14.893	70.231
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.000	7.979	0.000	7.979	8.632	19.102	14.989	4.636	14.893	70.231
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**0.000**	**7.979**	**0.000**	**7.979**	**8.632**	**19.102**	**14.989**	**4.636**	**14.893**	**70.231**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
The Modular Refrigeration System (MRS) modernizes the reefer systems onboard LHD and LHA class ships. This upgrade removes obsolete refrigerant from use as well as lowers total ownership costs, maintenance costs, and increases reefer unit availability.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 9 / Modular Refrigeration System (MRS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Modular Refrigeration System (MRS)												
A Kits												
Recurring												
1.1.1) Modular Refrigeration System - NonOrganic (15)	- / -	- / -	- / -	2 / 7.248	- / -	2 / 7.248	2 / 7.378	1 / 3.755	- / -	1 / 3.984	- / -	6 / 22.365
Subtotal: Recurring	*- / 0.000*	*- / -*	*- / -*	*- / 7.248*	*- / -*	*- / 7.248*	*- / 7.378*	*- / 3.755*	*- / -*	*- / 3.984*	*- / 0.000*	*- / 22.365*
Subtotal: Modular Refrigeration System (MRS)	*- / -*	*- / -*	*- / -*	*2 / 7.248*	*- / -*	*2 / 7.248*	*2 / 7.378*	*1 / 3.755*	*- / -*	*1 / 3.984*	*- / -*	*6 / 22.365*
Subtotal: Procurement, All Modification Items	*- / 0.000*	*- / -*	*- / -*	*- / 7.248*	*- / -*	*- / 7.248*	*- / 7.378*	*- / 3.755*	*- / -*	*- / 3.984*	*- / 0.000*	*- / 22.365*
Support *(All Modification Items)*												
2.1) Engineering Services	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.250	- / 0.258	- / 0.508
Subtotal: Support	*- / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.250*	*- / 0.258*	*- / 0.508*
Installation												
Modification Item 1 of 1: Modular Refrigeration System (MRS)	- / 0.000	- / 0.000	- / 0.000	- / 0.731	- / 0.000	- / 0.731	- / 1.254	- / 15.347	- / 14.989	- / 0.402	- / 14.635	- / 47.358
Subtotal: Installation	*- / 0.000*	*- / -*	*- / -*	*- / 0.731*	*- / -*	*- / 0.731*	*- / 1.254*	*- / 15.347*	*- / 14.989*	*- / 0.402*	*- / 14.635*	*- / 47.358*
Total												
Total Cost (Procurement + Support + Installation)	**0.000**	**0.000**	**0.000**	**7.979**	**0.000**	**7.979**	**8.632**	**19.102**	**14.989**	**4.636**	**14.893**	**70.231**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 9 / Modular Refrigeration System (MRS)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: Modular Refrigeration System (MRS)

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 24

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Dec 2026	Jun 2028	Jan 2029		
Delivery Dates			Dec 2028	Jun 2030	Jan 2031		

Installation Information

Method of Implementation: Industrial:: Installation Name: Modular Refrigeration System

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.731	0 / 0.000	0 / 0.731	0 / 0.509	2 / 14.450	- / -	- / -	0 / 0.000	2 / 15.690
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.745	0 / 0.518	2 / 14.734	- / -	0 / 0.000	2 / 15.997
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.379	0 / 0.255	- / -	1 / 6.970	1 / 7.604
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.402	1 / 7.665	1 / 8.067
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	0 / 0.731	0 / 0.000	0 / 0.731	0 / 1.254	2 / 15.347	2 / 14.989	0 / 0.402	2 / 14.635	6 / 47.358

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	-	-	-	-	2	6
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	4	6

Footnotes:

(15) The FY 2027 funding increase of $7.979M funds the first year of procurements. It funds the procurement of 2 ship sets for FY 2029 installation. Funding also includes two year prior requirements ($0.731M) for DSA and Advanced Planning. Installation funding for a ship is divided over a three-year period. Installation execution funding in the year of availability, and Design Service Allocation (DSA) two years prior to availability, and DSA in the year prior to the availability. This includes ship checks, ship installation drawing (SID) development, logistic document development and long lead time material procurements (LLTM). Installation costs across the FYDP may vary depending on current port rates. Port rates are updated every year by a CNRMC letter based on the forecasted port loading model. Port loading rate forecasts are

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 9 / Modular Refrigeration System (MRS)
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

the rates recommended for all budgeted maintenance and organic modernization within a specific port. Individual ship's availability durations vary dependent upon the integration of ship's maintenance and modernization work packages.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 10 / HYDRA
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	35.921	7.836	0.941	7.878	0.000	7.878	4.481	5.932	4.731	0.000	0.000	67.720
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	35.921	7.836	0.941	7.878	0.000	7.878	4.481	5.932	4.731	0.000	0.000	67.720
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**35.921**	**7.836**	**0.941**	**7.878**	**0.000**	**7.878**	**4.481**	**5.932**	**4.731**	**0.000**	**0.000**	**67.720**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Hierarchical Yet Dynamically Reprogrammable Architecture (HYDRA) modernization replaces the unsupported P7100/MRK fixed and portable radios with new XG-75 radios and Radiating Transmission Lines (RTL) that incorporates industry standard Association of Public Safety Communications Official (APCO) P-25 signaling protocols. The new system will maintain vital, below deck, wireless communications that enable ship's force to coordinate amphibious, aviation, force protection and damage control operations safely. HYDRA modernization will establish commonality across CG, CVN, LPD and LSD Ship Classes.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 10 / HYDRA
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: HYDRA												
B Kits												
Recurring												
1.1.1) HYDRA - NonOrganic [16]	5 / 22.835	1 / 3.132	- / -	1 / 3.216	- / -	1 / 3.216	1 / 3.274	- / -	- / -	- / -	- / -	8 / 32.457
Subtotal: Recurring	*- / 22.835*	*- / 3.132*	*- / -*	*- / 3.216*	*- / -*	*- / 3.216*	*- / 3.274*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 32.457*
Subtotal: HYDRA	*5 / 22.835*	*1 / 3.132*	*- / -*	*1 / 3.216*	*- / -*	*1 / 3.216*	*1 / 3.274*	*- / -*	*- / -*	*- / -*	*- / -*	*8 / 32.457*
Subtotal: Procurement, All Modification Items	*- / 22.835*	*- / 3.132*	*- / -*	*- / 3.216*	*- / -*	*- / 3.216*	*- / 3.274*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 32.457*
Installation												
Modification Item 1 of 1: HYDRA	- / 13.086	- / 4.704	- / 0.941	- / 4.662	- / 0.000	- / 4.662	- / 1.207	- / 5.932	- / 4.731	- / 0.000	- / 0.000	- / 35.263
Subtotal: Installation	*- / 13.086*	*- / 4.704*	*- / 0.941*	*- / 4.662*	*- / -*	*- / 4.662*	*- / 1.207*	*- / 5.932*	*- / 4.731*	*- / -*	*- / 0.000*	*- / 35.263*
Total												
Total Cost (Procurement + Support + Installation)	**35.921**	**7.836**	**0.941**	**7.878**	**0.000**	**7.878**	**4.481**	**5.932**	**4.731**	**0.000**	**0.000**	**67.720**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 10 / HYDRA
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: HYDRA

Manufacturer Information

Manufacturer Name: Harris Corporation	Manufacturer Location: Lynchburg, VA
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 20

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jun 2025		Jun 2027	May 2028			
Delivery Dates	Feb 2027		Feb 2029	Jan 2030			

Installation Information

Method of Implementation: [none specified]:: Installation Name: HYDRA

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	3 / 13.086	1 / 4.532	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.000	5 / 17.618
FY 2025	- / -	0 / 0.172	0 / 0.941	1 / 4.484	0 / 0.000	1 / 4.484	- / -	- / -	- / -	- / -	0 / 0.000	1 / 5.597
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.178	0 / 0.000	0 / 0.178	0 / 1.026	1 / 4.937	- / -	- / -	0 / 0.000	1 / 6.141
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.181	0 / 0.995	1 / 4.731	- / -	0 / 0.000	1 / 5.907
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	3 / 13.086	1 / 4.704	0 / 0.941	1 / 4.662	0 / 0.000	1 / 4.662	0 / 1.207	1 / 5.932	1 / 4.731	- / -	1 / 0.000	8 / 35.263

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	3	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	1	8
Out	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	-	-	1	-	-	1	8

Footnotes:

(16) The FY 2027 funding increase $6.937M funds one procurement for FY2029 installation. FY2027 funding also include one installation funding on LHD 8 and two year prior for DSA for the FY2029 installation. Installation funding for a ship is divided over a three-year period. Installation execution funding in the year of availability, and Design Service Allocation (DSA) two years prior to availability, and DSA in the year prior to the availability. This includes ship checks, ship installation drawing (SID) development, logistic document development and long lead time material procurements (LLTM). Installation costs across the

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 10 / HYDRA
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

FYDP may vary depending on current port rates. Port rates are updated every year by a CNRMC letter based on the forecasted port loading model. Port loading rate forecasts are the rates recommended for all budgeted maintenance and organic modernization within a specific port. Individual ship's availability durations vary dependent upon the integration of ship's maintenance and modernization work packages.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 11 / Amplified Announcing System
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	18.126	4.223	2.334	4.323	0.000	4.323	4.385	2.144	2.035	0.000	0.000	37.570
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	18.126	4.223	2.334	4.323	0.000	4.323	4.385	2.144	2.035	0.000	0.000	37.570
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**18.126**	**4.223**	**2.334**	**4.323**	**0.000**	**4.323**	**4.385**	**2.144**	**2.035**	**0.000**	**0.000**	**37.570**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

General Announcing upgrade replaces the obsolete 1/2/3/5/6/10MC Announcing Systems with a common, survival Digital Integrated Announcing System (DIAS), which has been installed on the DDG and CG Classes during midlife modernization. Existing announcing systems are riddled with obsolescence that degrades performance and presents a safety concern, during shipboard operations and casualties. This is a capability required in the LHD Required Operational Capabilities (ROC) document.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 11 / Amplified Announcing System
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: Amplified Announcing System												
B Kits												
Non-Recurring												
2.2.1) AMPLIFIED ANNOUNCING SYSTEM PROCUREMENTS - NonOrganic (17)	5 / 13.432	1 / 2.121	1 / 2.159	1 / 2.213	- / -	1 / 2.213	1 / 2.237	- / -	- / -	- / -	- / -	9 / 22.162
Subtotal: Non-Recurring	*- / 13.432*	*- / 2.121*	*- / 2.159*	*- / 2.213*	*- / -*	*- / 2.213*	*- / 2.237*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 22.162*
Subtotal: Amplified Announcing System	*5 / 13.432*	*1 / 2.121*	*1 / 2.159*	*1 / 2.213*	*- / -*	*1 / 2.213*	*1 / 2.237*	*- / -*	*- / -*	*- / -*	*- / -*	*9 / 22.162*
Subtotal: Procurement, All Modification Items	*- / 13.432*	*- / 2.121*	*- / 2.159*	*- / 2.213*	*- / -*	*- / 2.213*	*- / 2.237*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 22.162*
Installation												
Modification Item 1 of 1: Amplified Announcing System	- / 4.694	- / 2.102	- / 0.175	- / 2.110	- / 0.000	- / 2.110	- / 2.148	- / 2.144	- / 2.035	- / 0.000	- / 0.000	- / 15.408
Subtotal: Installation	*- / 4.694*	*- / 2.102*	*- / 0.175*	*- / 2.110*	*- / -*	*- / 2.110*	*- / 2.148*	*- / 2.144*	*- / 2.035*	*- / -*	*- / 0.000*	*- / 15.408*
Total												
Total Cost (Procurement + Support + Installation)	**18.126**	**4.223**	**2.334**	**4.323**	**0.000**	**4.323**	**4.385**	**2.144**	**2.035**	**0.000**	**0.000**	**37.570**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 11 / Amplified Announcing System
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: Amplified Announcing System

Manufacturer Information

Manufacturer Name: Dynalec Corporation	Manufacturer Location: Sodus, NY
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 20

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jun 2025	May 2026	Jun 2027	May 2028			
Delivery Dates	Feb 2027	Jan 2028	Feb 2029	Jan 2030			

Installation Information

Method of Implementation: [none specified]:: Installation Name: AMPLIFIED ANNOUNCING SYSTEM PROCUREMENTS

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	2 / 4.694	1 / 2.064	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.000	5 / 6.758
FY 2025	- / -	0 / 0.038	0 / 0.137	1 / 1.932	0 / 0.000	1 / 1.932	- / -	- / -	- / -	- / -	0 / 0.000	1 / 2.107
FY 2026	- / -	- / -	0 / 0.038	0 / 0.139	0 / 0.000	0 / 0.139	1 / 1.966	- / -	- / -	- / -	0 / 0.000	1 / 2.143
FY 2027	- / -	- / -	- / -	0 / 0.039	0 / 0.000	0 / 0.039	0 / 0.142	1 / 2.000	- / -	- / -	0 / 0.000	1 / 2.181
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.040	0 / 0.144	1 / 2.035	- / -	0 / 0.000	1 / 2.219
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 4.694	1 / 2.102	0 / 0.175	1 / 2.110	0 / 0.000	1 / 2.110	1 / 2.148	1 / 2.144	1 / 2.035	- / -	2 / 0.000	9 / 15.408

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	-	1	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	2	9
Out	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	1	-	-	1	-	-	1	-	-	2	9

Footnotes:

(17) The FY 2027 increase is due to an installation for LHD 8 and procurement in FY 2027 for FY 2029 installation.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 12 / DCSS
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	2.425	0.000	0.000	1.360	0.000	1.360	1.661	0.616	1.778	0.302	0.353	8.495
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	2.425	0.000	0.000	1.360	0.000	1.360	1.661	0.616	1.778	0.302	0.353	8.495
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**2.425**	**0.000**	**0.000**	**1.360**	**0.000**	**1.360**	**1.661**	**0.616**	**1.778**	**0.302**	**0.353**	**8.495**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Digital Defense Communications Subsystem (DCSS) Upgrade: Replaces four full size, 23", obsolete cabinets on LHD 5-7 and two full size, 23", legacy cabinets on LHD 8 and LHA 6 with two 2U,19" rack mountable IP conference servers. Exterior net terminals and interior non-operational or materially deficient net terminals will be replaced.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 12 / DCSS
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: TBD	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: DCSS												
B Kits												
Non-Recurring												
2.2.1) DIGITAL DCSS UPDRADE PROCUREMENT - NonOrganic (18)	1 / 1.025	- / -	- / -	1 / 1.283	- / -	1 / 1.283	1 / 1.299	- / -	1 / 1.363	- / -	- / -	4 / 4.970
Subtotal: Non-Recurring	*- / 1.025*	*- / -*	*- / -*	*- / 1.283*	*- / -*	*- / 1.283*	*- / 1.299*	*- / -*	*- / 1.363*	*- / -*	*- / 0.000*	*- / 4.970*
Subtotal: DCSS	*1 / 1.025*	*- / -*	*- / -*	*1 / 1.283*	*- / -*	*1 / 1.283*	*1 / 1.299*	*- / -*	*1 / 1.363*	*- / -*	*- / -*	*4 / 4.970*
Subtotal: Procurement, All Modification Items	*- / 1.025*	*- / -*	*- / -*	*- / 1.283*	*- / -*	*- / 1.283*	*- / 1.299*	*- / -*	*- / 1.363*	*- / -*	*- / 0.000*	*- / 4.970*
Installation												
Modification Item 1 of 1: DCSS	- / 1.400	- / 0.000	- / 0.000	- / 0.077	- / 0.000	- / 0.077	- / 0.362	- / 0.616	- / 0.415	- / 0.302	- / 0.353	- / 3.525
Subtotal: Installation	*- / 1.400*	*- / -*	*- / -*	*- / 0.077*	*- / -*	*- / 0.077*	*- / 0.362*	*- / 0.616*	*- / 0.415*	*- / 0.302*	*- / 0.353*	*- / 3.525*
Total												
Total Cost (Procurement + Support + Installation)	**2.425**	**0.000**	**0.000**	**1.360**	**0.000**	**1.360**	**1.661**	**0.616**	**1.778**	**0.302**	**0.353**	**8.495**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 12 / DCSS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: DCSS

Manufacturer Information

Manufacturer Name: AVAYA Federal Solutions, INC.	Manufacturer Location: Fairfax, VA
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 22

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Apr 2027	Jan 2028			
Delivery Dates			Feb 2029	Nov 2029			

Installation Information

Method of Implementation: [none specified]:: Installation Name: DIGITAL DCSS UPDRADE PROCUREMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	1 / 1.400	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 1.400
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.077	0 / 0.000	0 / 0.077	0 / 0.283	1 / 0.328	- / -	- / -	0 / 0.000	1 / 0.688
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.079	0 / 0.288	1 / 0.333	- / -	0 / 0.000	1 / 0.700
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.082	0 / 0.302	1 / 0.353	1 / 0.737
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 1.400	- / -	- / -	0 / 0.077	0 / 0.000	0 / 0.077	0 / 0.362	1 / 0.616	1 / 0.415	0 / 0.302	1 / 0.353	4 / 3.525

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	1	4
Out	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4

Footnotes:

(18) The FY 2027 increase is due to one procurement and two years prior DSA in FY 2027 for the FY 2029 installation.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 13 / ICT
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	7.580	1.643	0.137	2.077	0.000	2.077	0.970	2.499	0.150	1.912	0.974	17.942
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	7.580	1.643	0.137	2.077	0.000	2.077	0.970	2.499	0.150	1.912	0.974	17.942
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**7.580**	**1.643**	**0.137**	**2.077**	**0.000**	**2.077**	**0.970**	**2.499**	**0.150**	**1.912**	**0.974**	**17.942**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Integrated Communication Terminals (ICT) upgrade replaces the antiquated system with a Commercial off-the-Shelf digital system that improves both internal and external communications with the ship necessary to meeting USMC requirements for executing operations. The system incorporates hardware installed on the LCS, CVN-78 and CVN-68 classes, reducing supportability and training requirements for the fleet. This upgrade is necessary for Digital Conference Switch System (DCSS) and Integrated Voice Network System upgrades to be implemented.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 13 / ICT
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: TBD	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: ICT												
B Kits												
Non-Recurring												
2.2.1) ICT UPGRADE (SCD14785) PROCUREMENT - NonOrganic [19]	2 / 6.213	1 / 0.965	- / -	2 / 1.999	- / -	2 / 1.999	- / -	1 / 1.060	- / -	1 / 1.125	- / -	7 / 11.362
Subtotal: Non-Recurring	*- / 6.213*	*- / 0.965*	*- / -*	*- / 1.999*	*- / -*	*- / 1.999*	*- / -*	*- / 1.060*	*- / -*	*- / 1.125*	*- / 0.000*	*- / 11.362*
Subtotal: ICT	*2 / 6.213*	*1 / 0.965*	*- / -*	*2 / 1.999*	*- / -*	*2 / 1.999*	*- / -*	*1 / 1.060*	*- / -*	*1 / 1.125*	*- / -*	*7 / 11.362*
Subtotal: Procurement, All Modification Items	*- / 6.213*	*- / 0.965*	*- / -*	*- / 1.999*	*- / -*	*- / 1.999*	*- / -*	*- / 1.060*	*- / -*	*- / 1.125*	*- / 0.000*	*- / 11.362*
Installation												
Modification Item 1 of 1: ICT	- / 1.367	- / 0.678	- / 0.137	- / 0.078	- / 0.000	- / 0.078	- / 0.970	- / 1.439	- / 0.150	- / 0.787	- / 0.974	- / 6.580
Subtotal: Installation	*- / 1.367*	*- / 0.678*	*- / 0.137*	*- / 0.078*	*- / -*	*- / 0.078*	*- / 0.970*	*- / 1.439*	*- / 0.150*	*- / 0.787*	*- / 0.974*	*- / 6.580*
Total												
Total Cost (Procurement + Support + Installation)	**7.580**	**1.643**	**0.137**	**2.077**	**0.000**	**2.077**	**0.970**	**2.499**	**0.150**	**1.912**	**0.974**	**17.942**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 13 / ICT
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: ICT

Manufacturer Information

Manufacturer Name: Dynalec Corporation	Manufacturer Location: Sodus, NY
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 20

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jun 2025	Mar 2026			Mar 2029		
Delivery Dates	Feb 2027	Nov 2027			Nov 2030		

Installation Information

Method of Implementation: [none specified]:: Installation Name: ICT UPGRADE (SCD14785) PROCUREMENT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	1 / 1.367	1 / 0.643	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 2.010
FY 2025	- / -	0 / 0.035	0 / 0.137	- / -	- / -	- / -	1 / 0.687	- / -	- / -	- / -	0 / 0.000	1 / 0.859
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.078	0 / 0.000	0 / 0.078	0 / 0.283	2 / 1.398	- / -	- / -	0 / 0.000	2 / 1.759
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.041	0 / 0.150	1 / 0.742	0 / 0.000	1 / 0.933
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.045	1 / 0.974	1 / 1.019
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 1.367	1 / 0.678	0 / 0.137	0 / 0.078	0 / 0.000	0 / 0.078	1 / 0.970	2 / 1.439	0 / 0.150	1 / 0.787	1 / 0.974	7 / 6.580

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	1	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	-	-	1	-	-	-	1	7
Out	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-	-	2	7

Footnotes:

(19) The FY 2027 increase is due to two procurements and two year prior DSA in FY 2027 for two FY 2029 installations.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 14 / IVN
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	4.962	8.346	0.386	6.935	0.000	6.935	2.227	9.281	0.424	10.150	12.300	55.011
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	4.962	8.346	0.386	6.935	0.000	6.935	2.227	9.281	0.424	10.150	12.300	55.011
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**4.962**	**8.346**	**0.386**	**6.935**	**0.000**	**6.935**	**2.227**	**9.281**	**0.424**	**10.150**	**12.300**	**55.011**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Integrated Voice Network (IVN) upgrade replaces the legacy Ship Service Telephone System (SSTS) with a ruggedized digital communication system that provides command and control communications for tactical employment of forces. The new system will bring LHDs into alignment with LPD, LSD and LCC modernization.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 14 / IVN
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: TBD	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: IVN												
B Kits												
Non-Recurring												
2.2.1) IVN UPGRADE - NonOrganic [20]	1 / 3.171	1 / 6.586	- / -	1 / 6.825	- / -	1 / 6.825	- / -	1 / 7.241	- / -	1 / 7.682	1 / 7.450	6 / 38.955
Subtotal: Non-Recurring	*- / 3.171*	*- / 6.586*	*- / -*	*- / 6.825*	*- / -*	*- / 6.825*	*- / -*	*- / 7.241*	*- / -*	*- / 7.682*	*- / 7.450*	*- / 38.955*
Subtotal: IVN	*1 / 3.171*	*1 / 6.586*	*- / -*	*1 / 6.825*	*- / -*	*1 / 6.825*	*- / -*	*1 / 7.241*	*- / -*	*1 / 7.682*	*1 / 7.450*	*6 / 38.955*
Subtotal: Procurement, All Modification Items	*- / 3.171*	*- / 6.586*	*- / -*	*- / 6.825*	*- / -*	*- / 6.825*	*- / -*	*- / 7.241*	*- / -*	*- / 7.682*	*- / 7.450*	*- / 38.955*
Installation												
Modification Item 1 of 1: IVN	- / 1.791	- / 1.760	- / 0.386	- / 0.110	- / 0.000	- / 0.110	- / 2.227	- / 2.040	- / 0.424	- / 2.468	- / 4.850	- / 16.056
Subtotal: Installation	*- / 1.791*	*- / 1.760*	*- / 0.386*	*- / 0.110*	*- / -*	*- / 0.110*	*- / 2.227*	*- / 2.040*	*- / 0.424*	*- / 2.468*	*- / 4.850*	*- / 16.056*
Total												
Total Cost (Procurement + Support + Installation)	**4.962**	**8.346**	**0.386**	**6.935**	**0.000**	**6.935**	**2.227**	**9.281**	**0.424**	**10.150**	**12.300**	**55.011**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 14 / IVN
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: IVN

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 20

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jun 2025		Mar 2027				
Delivery Dates	Feb 2027		Nov 2028				

Installation Information

Method of Implementation: Industrial:: Installation Name: IVN UPGRADE

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	0 / 1.791	1 / 1.580	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 3.371
FY 2025	- / -	0 / 0.180	0 / 0.386	- / -	- / -	- / -	1 / 1.827	- / -	- / -	- / -	0 / 0.000	1 / 2.393
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.110	0 / 0.000	0 / 0.110	0 / 0.400	1 / 1.859	- / -	- / -	0 / 0.000	1 / 2.369
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.181	0 / 0.424	1 / 2.031	0 / 0.000	1 / 2.636
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.437	1 / 2.200	1 / 2.637
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.650	1 / 2.650
Total	0 / 1.791	1 / 1.760	0 / 0.386	0 / 0.110	0 / 0.000	0 / 0.110	1 / 2.227	1 / 2.040	0 / 0.424	1 / 2.468	2 / 4.850	6 / 16.056

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	2	6
Out	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	3	6

Footnotes:

(20) The FY 2027 increase is due to one procurement and a two-year prior DSA requirement in FY 2027 for the one FY 2029 installation.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 15 / IVCN
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	7.329	0.000	0.000	6.163	0.000	6.163	6.557	2.043	8.185	0.306	2.817	33.400
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	7.329	0.000	0.000	6.163	0.000	6.163	6.557	2.043	8.185	0.306	2.817	33.400
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**7.329**	**0.000**	**0.000**	**6.163**	**0.000**	**6.163**	**6.557**	**2.043**	**8.185**	**0.306**	**2.817**	**33.400**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Integrated Voice Communications Network (IVCN) Tech Refresh unifies three obsolete communication servers into a single, redundant distributed IP network that will enable expanded communication capabilities for command and control. The refresh will incorporate a wireless, digital telephone system that will improve coordination between shipboard personnel.

[IVCN Tech Refresh]

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0933 / LHA/LHD Midlife	Modification Number / Title: 15 / IVCN
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: TBD	Related RDT&E PEs:

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: IVCN												
B Kits												
Non-Recurring												
2.2.1) IVCN Tech Refresh - NonOrganic [21]	1 / 4.877	- / -	- / -	1 / 6.086	- / -	1 / 6.086	1 / 6.195	- / -	1 / 6.319	- / -	- / -	4 / 23.477
Subtotal: Non-Recurring	*- / 4.877*	*- / -*	*- / -*	*- / 6.086*	*- / -*	*- / 6.086*	*- / 6.195*	*- / -*	*- / 6.319*	*- / -*	*- / 0.000*	*- / 23.477*
Subtotal: IVCN	*1 / 4.877*	*- / -*	*- / -*	*1 / 6.086*	*- / -*	*1 / 6.086*	*1 / 6.195*	*- / -*	*1 / 6.319*	*- / -*	*- / -*	*4 / 23.477*
Subtotal: Procurement, All Modification Items	*- / 4.877*	*- / -*	*- / -*	*- / 6.086*	*- / -*	*- / 6.086*	*- / 6.195*	*- / -*	*- / 6.319*	*- / -*	*- / 0.000*	*- / 23.477*
Installation												
Modification Item 1 of 1: IVCN	- / 2.452	- / 0.000	- / 0.000	- / 0.077	- / 0.000	- / 0.077	- / 0.362	- / 2.043	- / 1.866	- / 0.306	- / 2.817	- / 9.923
Subtotal: Installation	*- / 2.452*	*- / -*	*- / -*	*- / 0.077*	*- / -*	*- / 0.077*	*- / 0.362*	*- / 2.043*	*- / 1.866*	*- / 0.306*	*- / 2.817*	*- / 9.923*
Total												
Total Cost (Procurement + Support + Installation)	**7.329**	**0.000**	**0.000**	**6.163**	**0.000**	**6.163**	**6.557**	**2.043**	**8.185**	**0.306**	**2.817**	**33.400**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0933 / LHA/LHD Midlife	**Modification Number / Title:** 15 / IVCN
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: IVCN

Manufacturer Information

Manufacturer Name: AVAYA Federal Solutions, INC.	Manufacturer Location: Fairfax, VA
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 20

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Jun 2027	Mar 2028		Jun 2030	
Delivery Dates			Feb 2029	Nov 2029		Feb 2032	

Installation Information

Method of Implementation: [none specified]:: Installation Name: IVCN Tech Refresh

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	1 / 2.452	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 2.452
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 0.077	0 / 0.000	0 / 0.077	0 / 0.283	1 / 1.755	- / -	- / -	0 / 0.000	1 / 2.115
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.079	0 / 0.288	1 / 1.786	- / -	0 / 0.000	1 / 2.153
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.080	0 / 0.306	1 / 2.817	1 / 3.203
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 2.452	- / -	- / -	0 / 0.077	0 / 0.000	0 / 0.077	0 / 0.362	1 / 2.043	1 / 1.866	0 / 0.306	1 / 2.817	4 / 9.923

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	1	4
Out	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4

Footnotes:

(21) The FY 2027 increase is due to one procurement and a two-year prior DSA requirement in FY 2027 for the one FY 2029 installation.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0934 / LCC 19/20 Extended Service Life Program
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	72.145	7.352	19.276	0.766	0.000	0.766	0.031	0.032	0.033	0.035	-	99.670
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	72.145	7.352	19.276	0.766	0.000	0.766	0.031	0.032	0.033	0.035	-	99.670
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**72.145**	**7.352**	**19.276**	**0.766**	**0.000**	**0.766**	**0.031**	**0.032**	**0.033**	**0.035**	**-**	**99.670**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The FY 2027 budget provides funding for Extended Service Life Program (ESLP) targeted modernization of various Hull, Mechanical and Electrical (HM&E) systems onboard the Amphibious Command Ship (LCC) 19 hull. The major modernization efforts include Ship Service/Emergency Diesel Generator Upgrades (SS/EDG).

[P40A / SS/EDG Genset Upgrade]: The Ship Service Generator upgrades replace the #1SS/EDG and #3SSDG with a 2000KW unit, similar to the existing #3SSDG but shock qualified, and accomplishes necessary distribution modifications. This replacement adds an additional 1425KW to the Diesel generating plant and provides the additional capacity to provide ample power to support full ship's functions/C4I capabilities on a continuous basis. The design also includes the installation of dual redundant voltage regulators.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0934 / LCC 19/20 Extended Service Life Program
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LCC 19/20 Extended Service Life Program				- / 56.247	- / 2.371	- / 19.276	- / 0.766	- / -	- / 0.766
P-3a	1 / LCC 19/20 EXTENDED SERVICE LIFE PROGRAM (TBD)				- / 15.898	- / 4.981	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-40	**Total Gross/Weapon System Cost**				**- / 72.145**	**- / 7.352**	**- / 19.276**	**- / 0.766**	**- / 0.000**	**- / 0.766**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LCC 19/20 Extended Service Life Program				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / LCC 19/20 EXTENDED SERVICE LIFE PROGRAM (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 20.879
P-40	**Total Gross/Weapon System Cost**				**- / 0.031**	**- / 0.032**	**- / 0.033**	**- / 0.035**	**- / -**	**- / 99.670**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The funding in FY 2027 supports finalization of installation efforts of the Ship Service/Emergency Diesel Generator Upgrade alteration for the LCC 19 Docking Selected Restricted Availability.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0934 / LCC 19/20 Extended Service Life Program	**Aggregated Items Title:** LCC 19/20 Extended Service Life Program

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) LCC 20 Propulsion Main Shaft																				
1.1) LCC 20 Propulsion Main Shaft Battle Spare	A		3,279K	1	3.279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) LCC 20 Propulsion Main Shaft			**-**	**-**	***3.279***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) Prior Year Funding																				
2.1) LD001 - LCC19 VS-50+Oil Water Separator	A		-	-	1.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) LD001 - LCC20 Electrical Improvements	A		-	-	6.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) Prior Year Funding			**-**	**-**	***7.800***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) Ship Electrical Improvements [1]																				
3.1) SS/EDG Genset Upgrade [2]	A		-	-	0.525	-	-	0.483	-	-	19.276	-	-	0.766	-	-	-	-	-	0.766
3.2) IVN Upgrade	A		-	-	5.710	-	-	0.314	-	-	-	-	-	-	-	-	-	-	-	-
3.3) General Announcing System Upgrade	A		-	-	30.866	-	-	0.284	-	-	-	-	-	-	-	-	-	-	-	-
3.4) 21/24MC CAPT/ FLAG CMD Intercom Replacement	A		-	-	1.658	-	-	0.120	-	-	-	-	-	-	-	-	-	-	-	-
3.5) Ship Control System (SCS) Modernization	A		-	-	3.601	-	-	0.612	-	-	-	-	-	-	-	-	-	-	-	-
3.6) Pilot House Redesign	A		-	-	2.808	-	-	0.558	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) Ship Electrical Improvements			**-**	**-**	***45.168***	**-**	**-**	***2.371***	**-**	**-**	***19.276***	**-**	**-**	***0.766***	**-**	**-**	**-**	**-**	**-**	***0.766***
Total			**-**	**-**	**56.247**	**-**	**-**	**2.371**	**-**	**-**	**19.276**	**-**	**-**	**0.766**	**-**	**-**	**-**	**-**	**-**	**0.766**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

[1] Engineering services costs prior to first install are due to non-recurring engineering costs, which include first article development and environmental quality testing. Also included are software development and system engineering milestone reviews and cyber security hardening under the Risk Management Framework. Installation funding for a ship is divided over a three-year period. Installation execution funding in the year of availability, Design Service Allocation (DSA) two years prior to and prior to the availability. This includes ship checks, ship installation drawing (SID) development, logistic documentation development, and long lead time material (LLTM) procurements. Installation costs across the FYDP vary depending on current port rates. Port rates are updated every year by the Commander, Navy Regional Maintenance Center (CNRMC) based on the forecasted port loading model. Port loading rate forecasts are the rates recommended for all budgeted maintenance and organic modernization within a specific port. Individual ship's availability durations vary dependent upon the integration of ship's maintenance and modernization work packages. Engineering services are higher due to labor requirements for system assembly prior to installation.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0934 / LCC 19/20 Extended Service Life Program	**Aggregated Items Title:** LCC 19/20 Extended Service Life Program

(2) The funding in FY 2027 supports finalization of the installation of the Ship Service/Emergency Diesel Generator Upgrade alteration planned for the LCC 19 Docking Selected Restricted Availability. Installation of a prior model of generator sets was originally planned for 2016. Ship Installation Drawings for the current model of generator sets required an Independent Government Estimate of installation cost, which was completed September 2024. The FY 2027 funding takes into consideration that installation of the planned alteration will be nearing completion with a ramping down of costs.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0934 / LCC 19/20 Extended Service Life Program	**Modification Number / Title:** 1 / LCC 19/20 EXTENDED SERVICE LIFE PROGRAM
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	15.898	4.981	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20.879
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	15.898	4.981	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	20.879
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**15.898**	**4.981**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**20.879**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
[SS/EDG Genset Upgrade] The Ship Service Generator upgrades replace the #1SS/EDG and #3SSDG with a 2000KW unit, similar to the existing #3SSDG but shock qualified, and accomplishes necessary distribution modifications. This replacement will add an additional 1425KW to the Diesel generating plant and will provide the additional capacity to ensure there is ample power to support full ship's functions/C4I capabilities on a continuous basis. The design will also include the installation of dual redundant voltage regulators.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0934 / LCC 19/20 Extended Service Life Program	**Modification Number / Title:** 1 / LCC 19/20 EXTENDED SERVICE LIFE PROGRAM
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: LCC 19/20 EXTENDED SERVICE LIFE PROGRAM												
A Kits												
Recurring												
1.1.1) Integrated Bridge Display System (IBDS) - NonOrganic	1 / 5.237	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.237
Subtotal: Recurring	*- / 5.237*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 5.237*
Non-Recurring												
1.2.1) SS/EDG Genset Upgrade - NonOrganic	1 / 9.972	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 9.972
Subtotal: Non-Recurring	*- / 9.972*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 9.972*
Subtotal: LCC 19/20 EXTENDED SERVICE LIFE PROGRAM	*2 / 15.209*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*2 / 15.209*
Subtotal: Procurement, All Modification Items	*- / 15.209*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 15.209*
Support *(All Modification Items)*												
2.1) Engineering Support-Reoccurring	- / 0.228	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.228
Subtotal: Support	*- / 0.228*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 0.228*
Installation												
Modification Item 1 of 1: LCC 19/20 EXTENDED SERVICE LIFE PROGRAM	- / 0.461	- / 4.981	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 5.442
Subtotal: Installation	*- / 0.461*	*- / 4.981*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 5.442*
Total												
Total Cost (Procurement + Support + Installation)	**15.898**	**4.981**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**20.879**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0934 / LCC 19/20 Extended Service Life Program	**Modification Number / Title:** 1 / LCC 19/20 EXTENDED SERVICE LIFE PROGRAM

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:

Modification Item 1 of 1: LCC 19/20 EXTENDED SERVICE LIFE PROGRAM

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 20

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Manufacturer Name: VARIOUS	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 24

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: [none specified]:: Installation Name: Integrated Bridge Display System (IBDS)

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	0 / 0.279	1 / 1.998	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 2.277
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.279	1 / 1.998	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 2.277

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0934 / LCC 19/20 Extended Service Life Program	**Modification Number / Title:** 1 / LCC 19/20 EXTENDED SERVICE LIFE PROGRAM
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: LCC 19/20 EXTENDED SERVICE LIFE PROGRAM

Installation Information

Method of Implementation: [none specified]:: Installation Name: Integrated Bridge Display System (IBDS)

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

Method of Implementation: [none specified]:: Installation Name: SS/EDG Genset Upgrade

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	0 / 0.182	1 / 2.983	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 3.165
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 0.182	1 / 2.983	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 3.165

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	534.918	23.440	22.477	22.506	0.000	22.506	28.132	31.042	30.243	30.807	427.660	1,151.225
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	534.918	23.440	22.477	22.506	0.000	22.506	28.132	31.042	30.243	30.807	427.660	1,151.225
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**534.918**	**23.440**	**22.477**	**22.506**	**0.000**	**22.506**	**28.132**	**31.042**	**30.243**	**30.807**	**427.660**	**1,151.225**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

POLLUTION CONTROL SYSTEMS/EQUIPMENT (PCE) PROGRAM

Funds for the PCE Program are used to procure, install, and modernize Navy shipboard waste management equipment, systems, and technologies. The PCE Program ensures that Navy ships comply with applicable legal and statutory requirements (i.e., Federal laws and statutes, international regulations, and Department of War (DoW) and Navy instructions) governing environmental protection and shipboard discharge requirements. These requirements collectively restrict overboard discharge of oily wastewater, sewage, solid waste, plastic waste, and hazardous waste. Failure to comply risks potential personal, civil, and criminal liability; and can significantly impose constraints on the operational capabilities of Navy ships. Funding specifically supports procurements and installations for the Oil Pollution Abatement (OPA) Improvements program, the Dry Waste Processing Suites (DWPS) Improvements program, and the Hazardous Material Stowage Modernization program.

SHORE BASED POLLUTION EQUIPMENT - (Logistics)

The shore-based funds provide for equipment required to clean up Navy oil spills in the near shore to open sea environment and in areas distant from fixed bases as required by the Federal Water Pollution Control Act - Public Law 92-500, 33CFR154-155. The law created a National Oil and Hazardous Substance Pollution Contingency Plan and designates the DoW as one of the primary agencies responsible for promotion of effective operation of the plan. The Supervisor of Salvage is assigned the responsibility to provide technical expertise, resources, and equipment for response to Navy-originated spills of oil and other hazardous material in remote areas, coastal waters and/or the open sea. Major items of procurement include the following:

[P40A / HF067 VESSEL SKIMMER SYSTEMS]: These systems are self-propelled skimmers designed for near-shore and low sea-state open ocean environments and are used in conjunction with oil containment boom for mechanical recovery of oil on the water. They are designed to be rapidly transportable to the scene of an oil spill.

[P40A / HF068 UNDERWATER OIL RECOVERY SYSTEM]: A rapidly deployable system that provides grinders, sampling tools, sensors, cutters, connections, pumps, hoses, and hydraulic tools to locate, sample, penetrate, and offload tanks below the water.

[P40A / HF069 42" BOOM REPLACEMENT SECTIONS]: Ocean Booming Systems (2000FT each) and Marco self-propelled skimming systems (600FT each) use standardized high buoyancy, high flexibility NAVY 42HB inflatable boom purchased in 55FT sections to provide phased replacement of rubber boom damaged or worn beyond economical repair. The other components of these systems have a longer useful life and need replacement at much longer intervals.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / HF077 RUBBER BOAT REPLACEMENT]: Various spill response systems for ship salvage in harbor and near shore environments contain rubber boats to place and maintain skimmers, boom and anchors. These boats and motors are reaching the end of service life and require replacement.

[P40A / HF078 SALVAGE SKIMMER SYSTEMS SERVICE LIFE EXTENSION]: These systems are a collection of small, special-purpose skimmers, containment boom, transfer pumps, storage tanks, sorbents, and ancillary equipment intended as a stand-alone response package for small, salvage-related spills inside and adjacent to ships. This replaces worn out and obsolete components.

[P40A / HF079 ARTIC OIL/HEAVY DEBRIS RECOVERY SYSTEM SERVICE LIFE EXTENSION]: This system is designed to recover oil in an arctic and/or heavy debris environment where specific weather conditions render normal skimmer recovery methods useless. This replaces worn out and obsolete components.

[P40A / HF082 VISCOUS OIL PUMPING SYSTEM IMPROVEMENT]: These provide specialized pumps and water injection to pump very viscous fluids. Large pumps are needed to move large quantities of oil to lighter a stricken ship. Additionally, oil that weathers, emulsifies, or mixes with other contaminants will become thick and viscous to the point that regular centrifugal pumping systems will not move the oil. This upgrades capabilities of existing systems.

[P40A / HF084 - HYDRAULIC SUBMERSIBLE PUMPS]: Hydraulic submersible pumps for lightering oil or dewatering. These cylindrically shaped pumps are capable of fitting down a butterworth fitting to remove oil from tanks on damaged or grounded ships. A "Butterworth" fitting is a trade name for a fitting that connects to high pressure tank cleaning hoses. Butterworth is a manufacturer (butterworth.com) and their fittings are an industry standard for this application.

[P40A / HF086 - FLEET EXERCISE HOT TAP TRAINING KITS]: The hot tap training kit provides a complete kit for training, including communications, test plates, hull mock-ups, fasteners, rigging, and multiple cutting systems, flange systems, and pumping systems.

[P40A / HF087 - LIGHT OIL RECOVERY CLASS 5 SKIMMER INSERTS]: Disk skimmer inserts and ancillary support and installation equipment for upgrading modular and standard skimmer systems. Includes skimmer, disks, hoses, flanges, valves, handling hardware, and safety hardware.

[P40A / HF091 - VESSEL OF OPPORTUNITY (VOSS) SHIP ADAPTER MOUNTING KITS]: Vessel of Opportunity (VOSS) ship adapter mounting kits.

[P40A / HF092 - VAN REFURBISHMENT]: For the new purchase or refurbishment of shipping containers to be used as equipment system vans. Includes vans, transportation, flooring, rollers, electrical components, doors, structural elements, gaskets, paint, engineering, and design.

[P40A / HF093 - LOGISTICS SUPPORT EQUIPMENT]: Logistics Support Equipment to include weight handling support systems (forks, rigging, extensions, stabilizers, etc).

[P40A / HF094 - SKIMMER SUPPORT EQUIPMENT]: Skimmer Support Equipment to include equipment boxes and containers, engineering, and materials for the procurement, integration, and maintenance of skimmer support systems, including boat racks, rollers, handling equipment, pumps, hoses, valves, piping, hydraulics, and electrical controls.

[P40A / HF095 - FIELD LIGHTING]: Field lighting equipment to include tower structures, stands, electrical wiring and controls, bulbs, reflectors, shields, switches, boxes, skids, carts, rigging, and tools.

[P40A / HF096 TRANSFER BLADDERS 10K GALLON]: Towable transfer 10,000 gallon bladder system requires replacement to nose hard piping and hose connection to improve handling at speeds above 3 knots and to accommodate 4 inch hose from skimmer design improvements.

[P40A / HF097 MINI VESSEL OF OPPORTUNITY (VOSS) SYSTEM]: Containerized smaller skimming system that can be deployed rapidly and operated from a smaller Vessel of Opportunity.

[P40A / HF098 - NOFI VESSEL OF OPPORTUNITY (VOSS) SYSTEM]: Vessel of Opportunity (VOSS) offshore skimming system soft rubber and fabric components are reaching the end of their service life. These are provided by only one vendor, NOFI, and are the Navy's only offshore systems. The hard components (reels, vans, tooling etc) will be retained and reused.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / HF830 PRODUCTION ENGINEERING]: Air conditioning plant kit and software quality control, technical manual and complete conversion instruction revisions, technical reports based on investigative efforts of Original Equipment Manufacturer (OEM) quality assurance or obsolescence issues, and support equipment removal from inactive ships or other Navy assets. Development of technical manuals, Planned Maintenance System (PMS), Provisioning Technical Documentation (PTD), Program Support Data (PSD) and allowance Parts List (APLs), engineering to manage procurement and material, and in support of design reviews.

[P3A / HF024 CFC-114 (R-114) AC CONVERSION]: The production of chlorofluorocarbon (CFC)-based refrigerants (including CFC-12 and CFC R-114) was prohibited after 31 DEC 95 by the Clean Air Act of 1990. Presidential Executive Order 13693 calls for federal agencies to "promote sustainable acquisition and procurement by ensuring that each of the following environmental performance and sustainability factors are included [...] alternatives to ozone-depleting substances". The Navy is currently dependent on CFC-based refrigerants for the mission-critical cooling of (1) vital electronics and weapon systems, (2) food and medical stowage, and (3) inhabited spaces aboard surface ships and submarines. To counter the immediate threat of production cessation on uninterrupted Fleet operations, DoW directed the Defense Logistics Agency to establish a stockpile of CFC-based refrigerants. The stockpile was sized to support Fleet operations until the last CFC-based systems are retired or converted to ozone-friendly refrigerants. This program procures and installs conversion kits on existing CFC R-114 Air-Conditioning (A/C) plants onboard surface ships. The inventory objective for CFC R-114 is 402 converted units.

[P3A - 2 / HF031 OPA IMPROVEMENTS]: Existing OPA systems have demonstrated poor operational availability, maintainability, and reliability. This comprehensive effort addresses the entire OPA system, from holding tanks to overboard discharge, leveraging recommended improvements new to the Fleet and approved, partially completed alterations. The alterations needed to correct design deficiencies are ship specific and require ship checks to confirm the current configuration as prior alterations may have completed one or several of the recommended improvements. The alterations may include but are not limited to: installation of new tank level sensors; upgrades to the Oily Water Separator (OWS) and the Oil Content Monitor (OCM), correction of OWS suction problems, correction of OCM inlet & outlet piping including related of flush water piping configuration problems, and upgrade of oily waste transfer pump relief valve. Extensive work will occur with LHD-1 Class upgrades to convert the existing OWS to the VS-50 OWS and DDG-51 through DDG-88 ships will receive the Oily Waste Membrane System to produce an effluent that meets the 15 ppm maximum oil discharge requirement.

[P3A - 2 / HF031 Oil Pollution Abatement (OPA) Improvements]: HF5IN - INSTALLATION OF EQUIPMENT - EXPEDITIONARY WARFARE Funding is for installation of equipment for the Fleet Modernization Program installations.
HF6IN - INSTALLATION OF EQUIPMENT - SURFACE WARFARE Funding is for installation of equipment for the Fleet Modernization Program installations

[P3A - 3 / HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS]: The Fleet is challenged to keep solid waste equipment operating and sanitary while maintaining compliance with the Act to Prevent Pollution from Ships (APPS). Legacy shipboard solid waste equipment systems are experiencing decreasing reliability, maintainability, and availability (RMA) due to the following issues:

- Equipment service life issues and risks: Legacy equipment have been in service for more than 10 to 20 years and are at risk of reaching the end of their service life, reduced RMA, and experiencing parts availability and obsolescence issues.
- Increasing quantity of shipboard plastic waste: The quantity of shipboard plastic waste has significantly increased by more than 50%, which risks overwhelming the processing capacity of legacy equipment.
- Increasing Fleet population at sea: The increased population of men and women at sea has increased sanitary and hygiene-related wastes that cause unique treatment challenges for legacy shipboard solid waste systems equipment.
- Challenges managing increasing hazardous material (HM) inventory at sea: The Fleet is experiencing issues with storing, controlling, and managing HM inventory due to increased depth and range of HM, longer missions, greater array of equipment, and increased operational tempo. Improperly stored HM presents personnel, safety, environmental, and equipment risks to the Fleet at sea.

The Dry Waste Processing Suites (DWPS) Improvements Program will improve RMA and reduce obsolescence, sanitation, and safety issues by modernizing legacy shipboard solid waste systems. The DWPS Improvements Program will decrease labor-hours by improving operation and maintenance, increase system availability, address current and projected obsolescence issues, and decrease component failures by redesign and equipment optimization. The improvement of legacy solid waste equipment, and transition and implementation of new solid waste processing tools will ensure the safe and efficient management of solid waste and HM.

[P3A - 3 / Dry Waste Processing Suite Improvements]: HF5IN - INSTALLATION OF EQUIPMENT - EXPEDITIONARY WARFARE Funding is for installation of equipment for the Fleet Modernization Program installations.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

HF6IN - INSTALLATION OF EQUIPMENT - SURFACE WARFARE Funding is for installation of equipment for the Fleet Modernization Program installations

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Pollution Control Equipment	P-5a			- / 30.393	- / 2.207	- / 2.103	- / 1.984	- / -	- / 1.984
P-3a	1 / HF024 CFC-114 (R-114) AC CONVERSION (AIT)				- / 369.339	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	2 / HF031 OPA IMPROVEMENTS (AIT)				- / 122.852	- / 16.459	- / 9.206	- / 8.749	- / 0.000	- / 8.749
P-3a	3 / HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS (AIT)				- / 12.334	- / 4.774	- / 11.168	- / 11.773	- / 0.000	- / 11.773
P-40	**Total Gross/Weapon System Cost**				**- / 534.918**	**- / 23.440**	**- / 22.477**	**- / 22.506**	**- / 0.000**	**- / 22.506**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Pollution Control Equipment	P-5a			- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / HF024 CFC-114 (R-114) AC CONVERSION (AIT)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 369.339
P-3a	2 / HF031 OPA IMPROVEMENTS (AIT)				- / 7.876	- / 15.267	- / 19.263	- / 19.420	- / 208.974	- / 428.066
P-3a	3 / HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS (AIT)				- / 18.168	- / 13.642	- / 8.800	- / 9.164	- / 218.686	- / 308.509
P-40	**Total Gross/Weapon System Cost**				**- / 28.132**	**- / 31.042**	**- / 30.243**	**- / 30.807**	**- / 427.660**	**- / 1,151.225**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
Increase from FY26 to FY27 for improvements of Dry Waste Suite of systems, specifically for Incinerator improvements onboard Carriers CVN 68 CL, and CVN 78 Plasma Arc Waste Destruction System (PAWDS).

Additional factors impacting variations in costs due to improvements on different ship classes, location of availability and the pollution prevention equipment installed within suite that is modernized.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Aggregated Items Title:** Pollution Control Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) LOGISTICS																				
1.1) HF067 VESSEL SKIMMER SYSTEMS(†)	A		149,947.37	19	2.849	161,830.00	1	0.162	-	-	-	-	-	-	-	-	-	-	-	-
1.2) HF068 UNDERWATER OIL RECOVERY SYSTEM	A		311,750.00	4	1.247	-	-	-	-	-	-	416,760.00	1	0.417	-	-	-	416,760.00	1	0.417
1.3) HF069 42" BOOM REPLACEMENT SECTIONS(†)	A		11,968.75	128	1.532	12,326.00	37	0.456	12,607.00	34	0.429	13,211.00	39	0.515	-	-	-	13,211.00	39	0.515
1.4) HF077 RUBBER BOAT REPLACEMENT(†)	A		15,416.67	12	0.185	15,750.00	3	0.047	16,555.00	1	0.017	17,500.00	2	0.035	-	-	-	17,500.00	2	0.035
1.5) HF078 SALVAGE SKIMMER SYSTEMS SERVICE LIFE EXTENSION (1)(†)	A		-	-	-	-	-	-	101,000.00	1	0.101	-	-	-	-	-	-	-	-	-
1.6) HF079 ARTIC OIL/HEAVY DEBRIS RECOVERY SYSTEM SERVICE LIFE EXTENSION(†)	A		-	-	-	131,000.00	1	0.131	-	-	-	135,782.00	1	0.136	-	-	-	135,782.00	1	0.136
1.7) HF082 VISCOUS OIL PUMPING SYSTEM IMPROVEMENT (2)(†)	A		-	-	-	-	-	-	175,227.00	1	0.175	-	-	-	-	-	-	-	-	-
1.8) HF084 - HYDRAULIC SUBMERSIBLE PUMPS (3)(†)	A		62,666.67	3	0.188	-	-	-	-	-	-	68,165.00	2	0.136	-	-	-	68,165.00	2	0.136
1.9) HF086 - FLEET EXERCISE HOT TAP TRAINING KITS(†)	A		64,000.00	2	0.128	65,750.00	2	0.132	66,769.00	2	0.134	-	-	-	-	-	-	-	-	-
1.10) HF087 - LIGHT OIL RECOVERY CLASS 5 SKIMMER INSERTS(†)	A		188,000.00	1	0.188	192,066.00	1	0.192	195,837.00	1	0.196	-	-	-	-	-	-	-	-	-
1.11) HF091 - VESSEL OF OPPORTUNITY (VOSS) SHIP ADAPTER MOUNTING KITS (4)(†)	A		81,000.00	2	0.162	83,500.00	2	0.167	84,240.00	1	0.084	85,925.00	2	0.172	-	-	-	85,925.00	2	0.172

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Aggregated Items Title:** Pollution Control Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.12) HF092 - VAN REFURBISHMENT(†)	A		65,000.00	2	0.130	66,300.00	1	0.066	67,600.00	4	0.270	68,952.00	2	0.138	-	-	-	68,952.00	2	0.138
1.13) HF093 - LOGISTICS SUPPORT EQUIPMENT (5)(†)	A		-	-	-	-	-	-	175,000.00	1	0.175	-	-	-	-	-	-	-	-	-
1.14) HF094 - SKIMMER SUPPORT EQUIPMENT(†)	A		24,000.00	2	0.048	24,367.00	1	0.024	25,057.00	5	0.125	25,351.00	4	0.101	-	-	-	25,351.00	4	0.101
1.15) HF095 - FIELD LIGHTING(†)	A		18,000.00	2	0.036	18,352.00	2	0.037	-	-	-	19,910.00	2	0.040	-	-	-	19,910.00	2	0.040
1.16) HF096 TRANSFER BLADDERS 10K GALLON(†)	A		277,000.00	1	0.277	284,540.00	1	0.285	288,080.00	1	0.288	293,890.00	1	0.294	-	-	-	293,890.00	1	0.294
1.17) HF097 MINI VESSEL OF OPPORTUNITY (VOSS) SYSTEM(†)	A		105,000.00	1	0.105	107,100.00	1	0.107	109,200.00	1	0.109	-	-	-	-	-	-	-	-	-
1.18) HF098 - NOFI VESSEL OF OPPORTUNITY (VOSS) SYSTEM(†)	A		392,000.00	1	0.392	400,576.00	1	0.401	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) LOGISTICS			**-**	**-**	***7.467***	**-**	**-**	***2.207***	**-**	**-**	***2.103***	**-**	**-**	***1.984***	**-**	**-**	**-**	**-**	**-**	***1.984***
2) EXPEDITIONARY WARFARE																				
2.1) HF830 PRODUCTION ENGINEERING	A		-	-	3.896	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) EXPEDITIONARY WARFARE			**-**	**-**	***3.896***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) SURFACE WARFARE																				
3.1) HF830 PRODUCTION ENGINEERING	A		-	-	9.018	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) SURFACE WARFARE			**-**	**-**	***9.018***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) AIR WARFARE																				
4.1) HF031 OIL POLLUTION ABATEMENT IMPROVEMENTS	A		-	-	10.012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) AIR WARFARE			**-**	**-**	***10.012***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**30.393**	**-**	**-**	**2.207**	**-**	**-**	**2.103**	**-**	**-**	**1.984**	**-**	**-**	**-**	**-**	**-**	**1.984**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Aggregated Items Title:** Pollution Control Equipment

Footnotes:

(1) HF078 - These systems are a collection of small, special-purpose skimmers, containment boom, transfer pumps, storage tanks, sorbents, and ancillary equipment intended as a stand-alone response package for small, salvage-related spills inside and adjacent to ships. This replaces worn out and obsolete components.

(2) HF082 - Higher viscosity fluids require more energy to pump due to increased resistance to flow. As a result, the power requirements for the pump will increase, leading to higher energy consumption and operational costs.

(3) HF084 - A "Butterworth" fitting is a trade name for a fitting that connects to high pressure tank cleaning hoses. Butterworth is a manufacturer (butterworth.com) and their fittings are an industry standard for this application. The program specifically uses these for Hot Tap missions, where it is drill into sunken ships and empty their tanks of any existing oil or fuel.

(4) HF091 - The NOFI Current Buster is a high-speed open ocean skimmer that is a Vessel of Opportunity Skimming System which is made to be attached to the side of a suitable vessel and then driven along to collect oil. The program currently does this with the Coast Guard Juniper Class Buoy Tenders, where the program uses adapter mounting kits to connect to the existing bulkhead hole patterns in those ships for their previous SORS skimming systems. Each USCG Buoy Handler has a different hole pattern, and it has to be redesigned with mounting plates over time to capture these. Increase is due to moving towards making mounting plates for the smaller USCG Keeper Class tenders as well as the new Navy T-ATS class ships.

(5) HF093 - This is for the upkeep, replacement, and annual certification of weight handling equipment necessary to move, load, and position pollution systems (forks, rigging, extensions, stabilizers, etc).

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0935 / Pollution Control Equipment	Aggregated Items: Pollution Control Equipment

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1) LOGISTICS												
1.1) HF067 VESSEL SKIMMER SYSTEMS		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	1	161,830.00	Y		
1.3) HF069 42" BOOM REPLACEMENT SECTIONS		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	37	12,326.00	Y		
1.3) HF069 42" BOOM REPLACEMENT SECTIONS		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Mar 2026	Mar 2027	34	12,607.00	Y		
1.3) HF069 42" BOOM REPLACEMENT SECTIONS		2027	TBD / TBD	C / TBD	** NO PCO **	Oct 2026	Oct 2027	39	13,211.00	Y		
1.4) HF077 RUBBER BOAT REPLACEMENT		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	3	15,750.00	Y		
1.4) HF077 RUBBER BOAT REPLACEMENT		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON,DC	May 2026	May 2027	1	16,555.00	Y		
1.4) HF077 RUBBER BOAT REPLACEMENT		2027	TBD / TBD	C / TBD	** NO PCO **	Oct 2026	Oct 2027	2	17,500.00	Y		
1.5) HF078 SALVAGE SKIMMER SYSTEMS SERVICE LIFE EXTENSION (1)		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	1	101,000.00	Y		
1.6) HF079 ARTIC OIL/HEAVY DEBRIS RECOVERY SYSTEM SERVICE LIFE EXTENSION		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	1	131,000.00	Y		
1.6) HF079 ARTIC OIL/HEAVY DEBRIS RECOVERY SYSTEM SERVICE LIFE EXTENSION		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	135,782.00	Y		
1.7) HF082 VISCOUS OIL PUMPING SYSTEM IMPROVEMENT (2)		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	1	175,227.00	Y		
1.8) HF084 - HYDRAULIC SUBMERSIBLE PUMPS (3)		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	2	68,165.00	Y		
1.9) HF086 - FLEET EXERCISE HOT TAP TRAINING KITS		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	2	65,750.00	Y		
1.9) HF086 - FLEET EXERCISE HOT TAP TRAINING KITS		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	2	66,769.00	Y		
1.10) HF087 - LIGHT OIL RECOVERY CLASS 5 SKIMMER INSERTS		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	1	192,066.00	Y		
1.10) HF087 - LIGHT OIL RECOVERY CLASS 5 SKIMMER INSERTS		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	1	195,837.00	Y		

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0935 / Pollution Control Equipment	Aggregated Items: Pollution Control Equipment

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.11) HF091 - VESSEL OF OPPORTUNITY (VOSS) SHIP ADAPTER MOUNTING KITS (4)		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	2	83,500.00	Y		
1.11) HF091 - VESSEL OF OPPORTUNITY (VOSS) SHIP ADAPTER MOUNTING KITS (4)		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	1	84,240.00	Y		
1.11) HF091 - VESSEL OF OPPORTUNITY (VOSS) SHIP ADAPTER MOUNTING KITS (4)		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	2	85,925.00	Y		
1.12) HF092 - VAN REFURBISHMENT		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	1	66,300.00	Y		
1.12) HF092 - VAN REFURBISHMENT		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Mar 2026	Mar 2027	4	67,600.00	Y		
1.12) HF092 - VAN REFURBISHMENT		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	2	68,952.00	Y		
1.13) HF093 - LOGISTICS SUPPORT EQUIPMENT (5)		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	1	175,000.00	Y		
1.14) HF094 - SKIMMER SUPPORT EQUIPMENT		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	1	24,367.00	Y		
1.14) HF094 - SKIMMER SUPPORT EQUIPMENT		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Mar 2026	Mar 2027	5	25,057.00	Y		
1.14) HF094 - SKIMMER SUPPORT EQUIPMENT		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	4	25,351.00	Y		
1.15) HF095 - FIELD LIGHTING		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	2	18,352.00	Y		
1.15) HF095 - FIELD LIGHTING		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	2	19,910.00	Y		
1.16) HF096 TRANSFER BLADDERS 10K GALLON		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	1	284,540.00	Y		
1.16) HF096 TRANSFER BLADDERS 10K GALLON		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	1	288,080.00	Y		
1.16) HF096 TRANSFER BLADDERS 10K GALLON		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	293,890.00	Y		
1.17) HF097 MINI VESSEL OF OPPORTUNITY (VOSS) SYSTEM		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	1	107,100.00	Y		
1.17) HF097 MINI VESSEL OF OPPORTUNITY (VOSS) SYSTEM		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Mar 2026	Mar 2027	1	109,200.00	Y		
1.18) HF098 - NOFI VESSEL OF OPPORTUNITY (VOSS) SYSTEM		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	1	400,576.00	Y		

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0935 / Pollution Control Equipment	Aggregated Items: Pollution Control Equipment

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Modification Number / Title:** 1 / HF024 CFC-114 (R-114) AC CONVERSION
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	369.339	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	369.339
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	369.339	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	369.339
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**369.339**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**369.339**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Navy is currently dependent on CFC-based refrigerants for the mission-critical cooling of (1) vital electronics and weapon systems, (2) food and medical stowage, and (3) inhabited spaces aboard surface ships and submarines. To counter the immediate threat of production cessation on uninterrupted Fleet operations, DoW directed the Defense Logistics Agency to establish a stockpile of CFC-based refrigerants. The stockpile was sized to support Fleet operations until the last CFC-based systems are retired or converted to ozone-friendly refrigerants. This program procures and installs conversion kits on existing CFC R-114 Air-Conditioning (A/C) plants onboard surface ships. The inventory objective for CFC R-114 is 402 converted units.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Modification Number / Title:** 1 / HF024 CFC-114 (R-114) AC CONVERSION
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: CFC R-114 Air-Conditioning (A/C) plants	**Modification Type:** AIT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: HF024 CFC-114 (R-114) AC CONVERSION												
B Kits												
Recurring												
1.1.1) HF024 CFC-114 (R-114) AC CONVERSION - NonOrganic	402 / 166.253	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	402 / 166.253
Subtotal: Recurring	*- / 166.253*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 166.253*
Subtotal: HF024 CFC-114 (R-114) AC CONVERSION	*402 / 166.253*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*402 / 166.253*
Subtotal: Procurement, All Modification Items	*- / 166.253*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 166.253*
Installation												
Modification Item 1 of 1: HF024 CFC-114 (R-114) AC CONVERSION	- / 203.086	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 203.086
Subtotal: Installation	*- / 203.086*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 203.086*
Total												
Total Cost (Procurement + Support + Installation)	**369.339**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**369.339**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Modification Number / Title:** 1 / HF024 CFC-114 (R-114) AC CONVERSION

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 1: HF024 CFC-114 (R-114) AC CONVERSION

Manufacturer Information

Manufacturer Name: YORK INTERNATIONAL	Manufacturer Location: PA
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: AIT:: Installation Name: HF024 CFC-114 (R-114) AC CONVERSION

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	402 / 203.086	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	402 / 203.086
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	402 / 203.086	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	402 / 203.086

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	402
Out	402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	402

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0935 / Pollution Control Equipment	Modification Number / Title: 2 / HF031 OPA IMPROVEMENTS
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	122.852	16.459	9.206	8.749	0.000	8.749	7.876	15.267	19.263	19.420	208.974	428.066
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	122.852	16.459	9.206	8.749	0.000	8.749	7.876	15.267	19.263	19.420	208.974	428.066
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**122.852**	**16.459**	**9.206**	**8.749**	**0.000**	**8.749**	**7.876**	**15.267**	**19.263**	**19.420**	**208.974**	**428.066**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

OPA Systems Improvements - Expeditionary Warfare: These installations resolve issues with existing OPA systems including poor operational availability, maintainability, and reliability. Variations in costs are subject to specific ship needs and are confirmed based upon ship checks. Shipset install/hardware buys may include: VS-50 oily water separators, secondary membrane treatment system, oil content monitor datalogger(s), multiple pumps, valves, valve actuators, sensors, switches, placards, and hoses.

OPA Systems Improvements - Surface Warfare: These installations resolve issues with existing OPA systems including poor operational availability, maintainability, and reliability. Variations in costs are subject to specific ship needs and are confirmed based upon ship checks. Shipset install/hardware buys may include: oily water transfer systems, secondary membrane treatment system, oil content monitor datalogger(s), multiple pumps, valves, valve actuators, sensors, switches, placards, and hoses.

[HF031 Oil Pollution Abatement (OPA) Improvements] Unit cost fluctuations for OPA improvements are attributed to the following key factors:

1. Scope of Hardware Suite
Costs vary depending on whether the ship receives a full OPA system suite or select components only (e.g., Oil Content Monitors (OCMs) or Oil Water Separators (OWSs)).

2. Platform Type
Installations are conducted across different ship classes, including both Expeditionary and Surface Warfare vessels, contributing to variability in integration complexity and associated costs.

3. Installation Location
Costs are influenced by the geographical location of the ship's availability period. Installations within the Continental United States (CONUS) differ from those conducted Outside CONUS (OCONUS). Among CONUS shipyards, further cost variations exist between East Coast and West Coast facilities due to labor rates, logistics, and local infrastructure.

4. Technology Configuration by Hull Class
Beginning in FY26, OPA upgrades for Arleigh Burke-class Destroyers (DDG Flight I, II, and IIA) incorporate centrifugal OWS technology for selected ships, while others retain legacy membrane OWS systems, resulting in cost differentials.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Modification Number / Title:** 2 / HF031 OPA IMPROVEMENTS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: Oil Pollution Abatement System	**Modification Type:** AIT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: HF031 OPA IMPROVEMENTS												
B Kits												
Recurring												
1.1.1) HF031 Oil Pollution Abatement (OPA) Improvements - NonOrganic [6]	98 / 35.265	7 / 3.743	7 / 3.996	8 / 3.426	- / -	8 / 3.426	5 / 2.862	11 / 6.895	15 / 8.992	15 / 9.020	35 / 36.100	201 / 110.299
Subtotal: Recurring	*- / 35.265*	*- / 3.743*	*- / 3.996*	*- / 3.426*	*- / -*	*- / 3.426*	*- / 2.862*	*- / 6.895*	*- / 8.992*	*- / 9.020*	*- / 36.100*	*- / 110.299*
Subtotal: HF031 OPA IMPROVEMENTS	*98 / 35.265*	*7 / 3.743*	*7 / 3.996*	*8 / 3.426*	*- / -*	*8 / 3.426*	*5 / 2.862*	*11 / 6.895*	*15 / 8.992*	*15 / 9.020*	*35 / 36.100*	*201 / 110.299*
Subtotal: Procurement, All Modification Items	*- / 35.265*	*- / 3.743*	*- / 3.996*	*- / 3.426*	*- / -*	*- / 3.426*	*- / 2.862*	*- / 6.895*	*- / 8.992*	*- / 9.020*	*- / 36.100*	*- / 110.299*
Installation												
Modification Item 1 of 1: HF031 OPA IMPROVEMENTS	- / 87.587	- / 12.716	- / 5.210	- / 5.323	- / 0.000	- / 5.323	- / 5.014	- / 8.372	- / 10.271	- / 10.400	- / 172.874	- / 317.767
Subtotal: Installation	*- / 87.587*	*- / 12.716*	*- / 5.210*	*- / 5.323*	*- / -*	*- / 5.323*	*- / 5.014*	*- / 8.372*	*- / 10.271*	*- / 10.400*	*- / 172.874*	*- / 317.767*
Total												
Total Cost (Procurement + Support + Installation)	**122.852**	**16.459**	**9.206**	**8.749**	**0.000**	**8.749**	**7.876**	**15.267**	**19.263**	**19.420**	**208.974**	**428.066**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Modification Number / Title:** 2 / HF031 OPA IMPROVEMENTS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: HF031 OPA IMPROVEMENTS

Manufacturer Information

Manufacturer Name: Various (7)	Manufacturer Location: Various
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 5

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Oct 2024	Oct 2025	Oct 2026	Oct 2027	Oct 2028	Oct 2029	
Delivery Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	

Installation Information

Method of Implementation: [none specified]:: Installation Name: HF031 Oil Pollution Abatement (OPA) Improvements

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	15 / 87.587	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	83 / 92.426	98 / 180.013
FY 2025	- / -	7 / 12.716	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 11.337	7 / 24.053
FY 2026	- / -	- / -	7 / 5.210	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 4.492	7 / 9.702
FY 2027	- / -	- / -	- / -	8 / 5.323	0 / 0.000	8 / 5.323	- / -	- / -	- / -	- / -	0 / 5.523	8 / 10.846
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	5 / 5.014	- / -	- / -	- / -	0 / 0.000	5 / 5.014
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	11 / 8.372	- / -	- / -	0 / 0.000	11 / 8.372
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 10.271	- / -	0 / 0.000	15 / 10.271
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	15 / 10.400	0 / 0.000	15 / 10.400
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 59.096	35 / 59.096
Total	15 / 87.587	7 / 12.716	7 / 5.210	8 / 5.323	0 / 0.000	8 / 5.323	5 / 5.014	11 / 8.372	15 / 10.271	15 / 10.400	118 / 172.874	201 / 317.767

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	15	-	-	4	3	-	-	4	3	-	-	4	4	-	-	3	2	-	-	6	5	-	-	7	8	4	5	4	2	118	201
Out	-	-	7	8	-	-	4	3	-	-	4	3	-	-	4	4	-	-	3	2	-	-	6	5	-	-	-	-	5	143	201

Footnotes:

(6) Installation costs include Design Services Allocations (DSA) and Advanced Planning (AP) efforts which are funded one and half year prior to installation.

(7) HF031 OPA Improvements Manufacturer Identification is a hardware suite and includes various part pieces and equipment procurements from multiple vendors per specific ship requirements.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Modification Number / Title:** 3 / HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	12.334	4.774	11.168	11.773	0.000	11.773	18.168	13.642	8.800	9.164	218.686	308.509
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	12.334	4.774	11.168	11.773	0.000	11.773	18.168	13.642	8.800	9.164	218.686	308.509
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**12.334**	**4.774**	**11.168**	**11.773**	**0.000**	**11.773**	**18.168**	**13.642**	**8.800**	**9.164**	**218.686**	**308.509**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Dry Waste Processing Suite Improvements - Expeditionary Warfare: Funding provided to support dry waste handling equipment improvements on LHA, LHD, LPD and LSD platforms including compressed melt units, pulpers, shredders, and compactors.

Dry Waste Processing Suite Improvements - Surface Warfare: Funding provided to support dry waste handling equipment improvements on CG, LCS and DDG platforms including compressed melt units, pulpers, shredders, and compactors.

Dry Waste Processing Suite Improvements - Air Warfare: Funding provided to support dry waste handling equipment improvements on CVN platforms including compressed melt units, pulpers, shredders, incinerators, and compactors.

[Dry Waste Processing Suite Improvements] 1. Hardware Configuration and Platform Diversity
Unit cost and quantity fluctuations beginning in FY25 are driven by differing combinations of Solid Waste system modifications namely incinerators and/or Compressed Melt Unit (CMU) upgrades across a range of ship classes, including destroyers, amphibious ships, and aircraft carriers. Additional variation arises from partial or staggered system installations.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Modification Number / Title:** 3 / HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: Dry Waste Processing Equipment	**Modification Type:** AIT	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS												
B Kits												
Recurring												
1.1.1) Dry Waste Processing Suite Improvements - NonOrganic [8]	10 / 10.099	6 / 0.925	6 / 8.950	9 / 9.710	- / -	9 / 9.710	11 / 15.297	8 / 9.039	8 / 7.247	8 / 7.505	147 / 129.632	213 / 198.404
Subtotal: Recurring	*- / 10.099*	*- / 0.925*	*- / 8.950*	*- / 9.710*	*- / -*	*- / 9.710*	*- / 15.297*	*- / 9.039*	*- / 7.247*	*- / 7.505*	*- / 129.632*	*- / 198.404*
Subtotal: HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS	*10 / 10.099*	*6 / 0.925*	*6 / 8.950*	*9 / 9.710*	*- / -*	*9 / 9.710*	*11 / 15.297*	*8 / 9.039*	*8 / 7.247*	*8 / 7.505*	*147 / 129.632*	*213 / 198.404*
Subtotal: Procurement, All Modification Items	*- / 10.099*	*- / 0.925*	*- / 8.950*	*- / 9.710*	*- / -*	*- / 9.710*	*- / 15.297*	*- / 9.039*	*- / 7.247*	*- / 7.505*	*- / 129.632*	*- / 198.404*
Installation												
Modification Item 1 of 1: HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS	- / 2.235	- / 3.849	- / 2.218	- / 2.063	- / 0.000	- / 2.063	- / 2.871	- / 4.603	- / 1.553	- / 1.659	- / 89.054	- / 110.105
Subtotal: Installation	*- / 2.235*	*- / 3.849*	*- / 2.218*	*- / 2.063*	*- / -*	*- / 2.063*	*- / 2.871*	*- / 4.603*	*- / 1.553*	*- / 1.659*	*- / 89.054*	*- / 110.105*
Total												
Total Cost (Procurement + Support + Installation)	**12.334**	**4.774**	**11.168**	**11.773**	**0.000**	**11.773**	**18.168**	**13.642**	**8.800**	**9.164**	**218.686**	**308.509**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Modification Number / Title:** 3 / HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS

Manufacturer Information

Manufacturer Name: Various [9]	Manufacturer Location: Various
Administrative Leadtime *(in Months)*: 1	Production Leadtime *(in Months)*: 3

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Oct 2024	Oct 2025	Oct 2026	Oct 2027	Oct 2028	Oct 2029	
Delivery Dates	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	

Installation Information

Method of Implementation: AIT:: Installation Name: Dry Waste Processing Suite Improvements

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	5 / 2.235	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 3.370	10 / 5.605
FY 2025	- / -	6 / 3.849	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 1.000	6 / 4.849
FY 2026	- / -	- / -	6 / 2.218	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	6 / 2.218
FY 2027	- / -	- / -	- / -	9 / 2.063	0 / 0.000	9 / 2.063	- / -	- / -	- / -	- / -	0 / 0.000	9 / 2.063
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	11 / 2.871	- / -	- / -	- / -	0 / 0.000	11 / 2.871
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 4.603	- / -	- / -	0 / 4.640	8 / 9.243
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.553	- / -	0 / 0.000	8 / 1.553
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 1.659	0 / 0.000	8 / 1.659
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	147 / 80.044	147 / 80.044
Total	5 / 2.235	6 / 3.849	6 / 2.218	9 / 2.063	0 / 0.000	9 / 2.063	11 / 2.871	8 / 4.603	8 / 1.553	8 / 1.659	152 / 89.054	213 / 110.105

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	5	-	-	4	2	-	-	3	3	-	-	5	4	-	-	5	6	-	-	5	3	-	-	5	3	-	2	2	4	152	213
Out	-	3	2	-	-	4	2	-	-	3	3	-	-	5	4	-	-	5	6	-	-	5	3	-	-	-	-	-	-	168	213

Footnotes:

[8] Total quantity and price changed to reflect updated costs of Air Warfare procurements and installations. Hardware funding includes Production Engineering (PE) efforts. Hardware cost variances are due to specific ship requirements, location of installation, and components of Dry Waste Processing Suite Improvements e.g. incinerator replacement, solid waste shredders (plastic/metal/glass), Compress Melt Units (CMUs), and next generation of Plastic Waste Processors (PWP) to be procured and installed.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0935 / Pollution Control Equipment	**Modification Number / Title:** 3 / HF032 DRY WASTE PROCESSING SUITE IMPROVEMENTS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

(9) HF031 Dry Waste Processing Improvements Manufacturer Identification is a hardware suite and includes various part pieces and equipment procurements from mulitple vendors per specific ship requirements.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	501.582	278.766	383.062	330.951	0.000	330.951	313.793	159.998	142.492	143.392	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	501.582	278.766	383.062	330.951	0.000	330.951	313.793	159.998	142.492	143.392	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**501.582**	**278.766**	**383.062**	**330.951**	**0.000**	**330.951**	**313.793**	**159.998**	**142.492**	**143.392**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	45.000	-	0.652	-	0.652	2.913	1.084	-	-	-	49.649
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line supports modernization and obsolete equipment replacement for SSNs, recapitalization of militarily critical silencing ranges, modifications and upgrades to weapons launch equipment, upgrades & refurbishment of Submarine Special Operating Forces (SOF) equipment and Dry Deck Shelters (DDS), and the VIRGINIA class Acoustic Superiority Backfit program.

Funding decreases from FY2026 to FY2027 due to completion of component procurement and production phase of the South Tongue of the Ocean Acoustic Facility (STAFAC) Recapitalization and completion of procurement of the majority of equipment for Submarine Rotational Forces West (SRF-W) Initial and Full Operational Capability in FY2026.

This line funds procurement and installation of VACL Acoustic Superiority machinery modifications. The second component of the AS program, the LVA sonar, is funded under Line Item 2150.

The SSN Class Component Upgrades sub-line provides for equipment technical refresh and upgrades that consist of hardware, software, system engineering, integrated logistics support, system test and evaluation, training, data, alteration installation teams and program management. The majority of these upgrades address obsolescence issues that result in unsupportable hardware or provide for improved reliability of systems that have proven to have inadequate reliability in service.

The Facilities/Lab Upgrades sub-line procures equipment and material used to implement, sustain and modernize the military high priority Submarine Signature Programs. These spares procurements, technical refreshes and equipment upgrades are key to measuring submarine signatures and sustaining Fleet stealth. These ranges and measurement systems are not funded by other NAVSEA program offices. The program supports all classes of nuclear submarine (SSN/SSBN/SSGN), and associated land-based laboratories/facilities.

The Weapons Handling Systems sub-line fund modifications and improvements to SSN 688, SSN 774 and SSN 21 class submarine weapons launching systems, stowage and shipping systems, torpedo tube system components and torpedo tube test equipment. These modifications are required to address reliability, maintainability, functionality and safety modifications and/or tactical improvements resulting from operational use and experience. This funding also provides management services required for installations.

The VA Class SOF sub-line procures and installs unique system components required for SOF operations and support on designated SOF VIRGINIA class submarines.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

AUKUS Submarine Rotational Forces West (SRF-W) sub-line procures equipment necessary for C4I Support of units and organizations in Australia. Equipment covers all necessary IT services (NIPR, SIPR, NNPI, SYLAN, SECNET, TRANET, Telephony, etc.). These systems are all essential to establishing normal operations for US units in Australia. Costs are expected to be one time procurement costs and totals are based on similar recent installations.

[P40A / SSTG Digital Voltage]: SSTG Digital Voltage Regulator upgrade (SHIPALT 4884K) - Upgrades SSN-774 - 779 SSTG voltage regulators. Existing SSTGs on early VIRGINIA Class submarines use analog voltage regulators, which are obsolete and unsustainable. S/A 4884K upgrades these ships to the later style Digital Voltage Regulator which is supportable. SSN 780 and later ships were delivered with the new design Digital Voltage Regulator.

[P40A / Integrated Communications System (ICS) Block V ShipAlt]: Upgrades Block I-IV VIRGINIA class ICS systems to the Block V system (SHIPALT 5061K). The ICS system provides integrated interior communication and alarms functions throughout the submarine. This system is required for safe operation of the ship. The ICS system on these ships is a COTS based system designed in the mid-1990s and first installed in 2002. Much of the design is now obsolete and unsupported. ICS must be operational to meet underway requirements. This alteration addresses obsolescence of key components in the legacy systems by upgrading the entire system to the current generation Block V system.

[P40A / DGIOTS Shock Modification]: Diesel Generator Independent Over Speed Trip System (DGIOTS) Shock Modification (SHIPALT 4778K) - The DGIOTS control panel on VIRGINIA Class Block I/II has obsolete components and fails to meet requirements for shock and vibration. SHIPALT 4778K provides a shock/vibration-qualified control panel using current, supportable technology.

[P40A / Fwd Automatic Bus Transfer (ABT) Power Modification]: Modifies Block I/II VIRGINIA class forward ABTs to improve system capability to support critical electronic systems during a loss of power. (SHIPALT 4882K).

[P40A / Manual Remote Operator (MRO) Shock Mod]: VIRGINIA class MRO Shock Modification (SHIPALT 4620K) - Accomplishes design changes on 20 MROs per ship to meet shock qualification requirement. Required on SSN 774-781; later ships received the alteration during new construction.

[P40A / Circuit D Upgrade]: Funds development, procurement and installation of SHIPALT 5062K to upgrade the Circuit D system on Block I/II VIRGINIA ships to the current design Block V system. The Circuit D system supports degaussing underway and is a critical system that is obsolete in Block I/II VIRGINIA class submarines and require modernization to allow continued support. Additionally, this system requires an interface with shipboard navigation data available through the SWFTS system. Future upgrade of the VA Class SWFTS sonar/fire control systems to TI-24/APB-23 or greater involve a change of middleware from CORBA to AMPQ protocols, which requires SHIPALT development and implementation for these two systems to support continued operation with the new SWFTS communication protocol.

[P40A / SSTG Reliability Upgrades]: Funds a variety of SHIPALT efforts to improve VACL SSTG reliability.

[P40A / Portable Ship Control Unit Upgrades]: The portable ship control unit provides navigational information, ship status and a communication systems to bridge watchstanders during surfaced operations. Effective and reliable functionality is critical for safe operation of the submarine. Changes in navigation data protocol associated with certain combat system upgrades (SWFTS installations) require updates to the portable ship control system for continued operation. This line procures and installs updated systems to allow continued function and improve reliability.

[P40A / Low Pressure Electrolyzer (LPE) Upgrade]: Procures & installs SHIPALT 5031K on selected SSN-688 class ships to replace legacy Electrolytic Oxygen Generator (EOG) system with a modern Low Pressure Electrolyzer (LPE). A reliable oxygen generation system is critical to support crew health and submarine stealth (inoperable oxygen generators are likely to greatly increase the frequency and time the ship must operate at periscope depth where she is most vulnerable to detection and collision). The LPE produces oxygen at low pressure, eliminating the need for high pressure oxygen storage which greatly improves safety and reliability as well as decreasing maintenance cost. Procurements are driven by the SSN-688 Class maintenance period schedule as replacement of the EOG with the LPE will be done during CNO availability due to the time to complete the installation. Production engineering efforts in this line support the development and qualification of modernization efforts to support long term sustainment of in service LPE systems.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / Central Air Monitoring System (CAMS) Modernization]: The CAMS system is critical to allow monitoring of atmospheric conditions throughout the submarine while underway, and hence critical to crew health & safety. The existing system suffers from multiple parts that are obsolete. This line funds efforts to develop a back fit SHIPALT for all classes of submarines (SSN 774, SSN 688, SSN21, SSBN 726). Procurements beginning in FY26 to be installed during Intermediate Level Availabilities (CMAVs/TOAs).

[P40A / SSN HM&E System Sustainment]: Funds development and implementation of various minor critical alterations to in-service SSN HM&E systems. This funding line differs from the PTROCS line in that it supports modernization of hardware items such as lifelines, hatch clips, pumps, etc. whereas PTROCS supports modernization driven by obsolescence of COTS based control systems.

[P40A / VA Class Machinery Control System Modernization]: VIRGINIA class submarines use COTS based systems for control of the main propulsion machinery and turbine generators. Reliable operation of these systems is critical to safe underway operation of the submarine. This line procures and installs a number of alterations to mitigate obsolescence of these control systems.

[P40A / Emergency Diesel Generator Reliability Upgrades]: The Emergency Diesel Generator is a critical backup system required for safe underway operation. SEAWOLF and LOS ANGLES class submarines use a Fairbanks Morse Engineering generator system which remains largely in a 1970's era configuration. This funding line develops and installs modernization solutions to improve reliability and supportability of the engines and related control systems in order to support continued operation throughout the life of the ship.

[P40A / VACL Battery Management System Upgrade]: VIRGINIA Class ships (Block I-IV) use legacy Automatic Battery Management / Battery Current Management Systems (ABMS/BCMS) to monitor battery health and operating conditions. This monitoring equipment is required to safely operate the battery and thus the submarine. The existing design is 20 years old, and while a tech refresh was conducted in FY20/21, the refreshed systems will be obsolete and unsupportable well prior to the end of service life for these boats. Funding is requested to replace the legacy systems starting with VA class Block III boats with the new design Battery Management System (BMS) used on VA class Block V.

[P40A / VACL Pressure Hull Castings]: Due to significant vendor issues regarding improper heat treatment of large pressure hull castings on VACL hulls, certain castings require replacement to allow continued safe operation of the submarine. This program procures replacements castings for known deficient castings in the fleet. SIB-25 study funding has been added to support casting replacement efforts.

[P40A / VACL Modified Tailcone]: The modified tailcone mitigates an issue that imposes operational restrictions on VA Class SSNs. This funding line modifies existing tailcones for a more economical price than procuring new tailcones. Installation will be performed during EDSRA/DMP as part of the existing planned work package.

[P40A / SWCL San Pump Upgrade]: This line procures and installs modified OHIO class sanitary pumps for SEAWOLF class ships. Original design SEAWOLF class pumps have proven unsupportable and 2 of the 3 ships in the class do not have operational pumps and instead must blow tanks with air. Blowing places operation restrictions on the ship and causes excessive wear of HPACs along with detrimental fatigue cycles on the hull/tank structure. The use of modified OHIO class pumps saves significant procurement cost and leverages existing support and repair facilities.

[P40A / Periodic Tech Refresh of COTS Systems (PTROCS)]: VA Class SSNs have several COTS based. HM&E systems requiring planned modernization to allow continued supportability or operation. Modernization needs are identified based on system health and predictive modeling or, for SWFTS connected systems, as needed to maintain interface compatibility. PTROCS groups and level loads the design and development lines of these HM&E systems into one PTROCS design and development line to support more responsive ship alteration development of these systems. This line will fund proactive management of these systems, and systems previously funded under other lines, such as VACL ICS and VACL machinery control will continue to be funded under these lines. Provides funding to support design and development of modernization efforts for emerging COTS obsolescence issues. Modernization issues are driven by diminishing manufacturing sources and SWFTS technical insertion schedule.

[P40A / SWCL Ship Control Systems]: SIB-25 Study funding has been added to support modernization efforts. This line funds modernization efforts for SEAWOLF class unique ship control system/Fly By Wire hardware, software and certification test systems. SEAWOLF class ship control systems/Fly By Wire have unique hardware and software systems that have multiple obsolescence issues that require mitigation to allow continued supportability of these ships. Additionally, unique test equipment required for certification of these components requires modernization to ensure continued functionality. Additional funding was added to FY25 and out to continue modernization efforts.

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Line Item MDAP/MAIS Code: N/A		

[P40A / VA Class ICCP Upgrade Procurement]: Virginia class submarines use a COTS based Impressed Current Cathodic Protection (ICCP) system to protect against corrosion of exposed metallic components. Reliable operation of this system is critical to prevent excessive corrosion. Failure of the system to perform results in damage that requires expensive structural repairs in overhauls and has impact on the ability of the ship to meet required service life. The existing system on Block I/II ships is obsolete and unsupportable. This line procures and installs an upgrade to the current generation Block V VACL system.

[P40A / MPU/SSTG Servo Valve Upgrade]: Upgrades hydraulic servo valves on Block I-IV VIRGINIA CLASS MPU and SSTG throttle valve systems to mitigate hazards documented in HAR 392-1931. Funds are to procure valves in FY25 and they will be installed via A&I when schedule supports.

[P40A / VIRGINIA Class Fire Detection System Backfit]: Investigations and reviews following the USS BONHOMME RICHARD (LHD-6) fire identified a need for improvement in fire detection and notification capability onboard US Navy ships. No attack submarines currently have this capability outside of temporary systems installed during availabilities. A requirement for this capability has been added to the VIRGINIA CLASS Block VI baseline. This funding will be used in the development of a backfit ShipAlt based on the VIRGINIA CLASS Block VI system and installation on all in-service VIRGINIA CLASS submarines in the first available CNO availability. Cost is based on VIRGINIA CLASS Block VI cost estimates.

[P40A / VA CL - Payload Tube Expeditionary Reload Time Improvements]: Current Multiple AUR Canister (MAC)/MAC Support Service Module (MSSM) piping configuration does not allow at sea flushing. This results in a lengthy in-port cleaning process being required to reload VIRGINIA Payload Tubes (VPTs) after launching weapons. Funding will be used to implement system modifications to support at-sea HAZMAT flushing thereby increasing the speed of reloading the VPTs in port. PMS392 has life-cycle sustainment responsibly for Weapons Launch and Handling Systems, hence this modification requires PMS392 funding.

[P40A / SEAWOLF Class - Bow Dome]: The SEAWOLF Class submarines sustainment strategy did not include the provisioning of replacement bow domes; therefore, no replacement bow domes for these in-service submarines are within the Navy's inventory. There are three SEAWOLF Class submarines in service, including USS JIMMY CARTER. This program would procure one SEAWOLF Class bow dome for use in the event replacement is required. Funds in FY25 are to purchase a Bow Dome which has a three plus year lead time.

[P40A / VCS Obsolescence]: These lines provide additional funding for VCS Block I/II and III/IV modernization to address existing and future systems which will require modernization to address various obsolescence related issues. This provides funding to address additional modernization needs similar to those covered by Periodic Tech Refresh of COTS Systems and various other ShipAlts developed to backfit Block V/VI designs on Block I-IV submarines.

[P40A / NPES Systems]: The average age of Non-Propulsion Electronic Systems (NPES) on Block I/II are more than 18 years old. Due to Obsolescence and lack of replacement parts CANNABs are having to be taken from boats in Availabilities to keep boats outside of Availabilities operational. There are multiple Sonar Systems, Combat Systems, Electronic Warfare (EW), Imaging, and Radar Systems, Ship Defense and Unmanned Systems, and Training Systems that have significant Obsolescence issue that must be addressed. This funding supports various aspects of NPES alteration development.

[P40A / Mat Sup Phase out 688]: Due recent assessment of LA CL overhaul schedules and probable service life extensions has shown a need to install some systems like the Low Pressure electrolyzers (LPEs) on additional boats. This funding will support this installations.

[P40A / Sup Fut VCS Blocks]: Funding will be used to upgrade systems like the Electro-Mechanical Power Conditioner and Controller (EPCC) on older classes based on New Constructions designs.

[P40A / VCS Bowdome]: The initial VIRGINIA class sustainment strategy did not include the provisioning of replacement bow domes, therefore no replacement domes for in-service submarines exist in the Navy's inventory. To date, the fleet has replaced two VCS bow domes by taking them from new construction, which is no longer possible due to 2/year construction. This line provides funding to procure two VIRGINIA class bow domes in support of in-service SSN maintenance and sustainment.

[P40A / VA CL NRFI Shaft Refurbishment]: During each shaft change-out availability, a recently refurbished Ready For Issue (RFI) propulsion shaft is mated up to various propulsor components in preparation for installation. Some of this work can be performed off hull and in parallel to the EDSRA timeline, while other work is being done. While RFI VA Class shafts have historically been delivered to yards just in time for installation, they have not been available in sufficient time to execute required schedules. Having RFI shafts available at the start of EDSRA would allow some schedule savings during the availability. To support this effort, spare RFI shafts are needed in inventory. As these are extremely long lead time items (more than 4 years), funding for additional new manufacture shafts would not help in the short term. There are

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Line Item MDAP/MAIS Code: N/A		

three (3) existing offloaded Not Ready For Issue (NRFI) shafts available for refurbishment. Funding for the refurbishment of these shafts to become RFI shafts in storage helps reduce time and schedule risk for shaft change-out availabilities. This funding is for NAVSUP to award repair contracts to NAVSEA certified submarine shaft repair vendors. Schedule saving would return the Ship back to the fleet sooner increasing the Ao for the ship. Reducing man-days is a NSS-SY effort and outsourcing the refurbishment reduces the time a ship is off line.

[P40A / SWF SCS Test Equipment]: The Performance Monitoring Program (PMP) provides direct fleet support in their areas of expertise to correct CASREPS, prevent Fail to Sails, and provide 24 hour, 7 days a week support to subs and squadrons to ensure subs stay on schedule. The PMP consists of 8 PMT sites including Guam and Diego Garcia/Souda Bay detachment. Funding is required to maintain the $15.7M of test equipment operational from normal wear/repairs, and obsolescence issues. Currently, we spend $400K/year (2.55% of total inventory value) and falling behind on planned tech refresh and obsolescence. With the stand up of the Reliability (RAM) IPT, ISEAs have recommended a few new test sets to improve Ao and reduce maintenance costs. The PMP Sustainment mangers have taken the point in finding solutions to reliability issues, this funding will facilitate the reliability working group and sustainment managers in providing support to the fleet. The PMP maintains roughly 4,215 general and special purpose test equipment items at all sites.

[P40A / VA CL - Drawing Updates & HME Modernization]: VA CL fast attack submarines drawings include excessive amounts of Technical Variance Documents (TVD) or Engineering Reports (ER) hanging against the drawings. They are not being revised to 'clean' drawings. A cost savings measure in New Construction resulted in continued growth in TVD hanging against drawings. This measure did not anticipate that shipyards would be adversely impacted. This has resulted in significant increase in planning costs for EDSRA and DMP work. This will incur at least $2-4B (AWP planning costs) over the life of the VA CL program. Planners and sailors are at risk and can miss critical data when reviewing drawings and TVD. This could result in a number of different issues including tagging out the wrong component, use of the wrong material or use of an incorrect maintenance procedure. $6M of HME modernization efforts had to be deferred in FY22. Funding will allow the planning yard to start updating the drawings and remove hanging paperwork against the drawings. This will reduce the existing backlog and keep it from continuing to grow.

[P40A / VA CL Propulsor Material]: VA CL Propulsor material procurements in support of Availabilities. During each shaft change-out availability various propulsor components including the Aft Outer Structure (AOS), ropeguard, Forward Outer Structure (FOS) cover plates, and tailcone are removed for inspection, repair, and paint preservation prior to reinstallation. The naval shipyards identified potential EDSRA shaft-change out schedule savings if refurbishment work is performed off hull and independent of the EDSRA timeline, while new spare Ready For Issue (RFI) components are installed. To support this effort, additional spare propulsor parts are required through either production of newly manufactured units or through refurbishment of existing offloaded Not Ready For Issue (NRFI) units where available.

[P40A / Acoustic Range Equipment]: Procures equipment and materials required to implement, sustain and modernize the infrastructure associated with the Submarine Acoustic Silencing Program. TYCOMs have consistently rated the conduct of noise trials as a high priority. The requirements for this program are identified in Chief of Naval Operations (CNO) Specific Operational Requirements 46-28 (assessment of ship's acoustic posture, etc.) and Naval Sea Systems Instruction (NAVSEAINST) C9073.2B (Acoustic Surveys Policy). This is the only program in place to procure equipment for the purpose of measuring, monitoring, assessing and improving the stealth and security of deployed submarines. The equipment is used for fixed/mobile range facilities, on test vessels, and at supporting laboratories. This program replaces/upgrades broken or obsolete hardware and software. This modernization ensures the readiness and capabilities of the technology/infrastructure supporting the Acoustic Measurement Facilities Improvement Program, to include the South Tongue of the Ocean Acoustic Facility (STAFAC) and Southeast Alaska Facility (SEAFAC), remain aligned with platform requirements and evolution of the threat. Specific items include hydrophones, towed arrays, ranging and tracking systems, electronics, calibrated noise sources, shore power cables, buoys, fiber optic cables, data analysis systems, workstations, data storage and retrieval, communications systems, analyzers, tape recorders, accelerometers, monitors, etc.

[P40A / Underwater Electro-Magnetic (UEM) Range Equipment]: Procures equipment and materials to support the Electro-Magnetic Silencing Program for operating nuclear submarines. The requirements for magnetic silencing and surveillance are identified in Chief of Naval Operations (CNO) Instruction OPNAVINST 8950.2H. Underwater Electromagnetic Measurement System (UEMMS) equipment and supporting facilities acquire/analyze magnetic and electric field signatures to monitor, assess and reduce the detectability/susceptibility of deployed submarines and surface ships to improve stealth and ensure mission security. This program budget line provides funding to sustain and modernize underwater electro-magnetic range surveillance systems to support the measurement submarine UEM signatures and assessment of platform health/stealth. Modernizations ensure system readiness and provide technology insertions as necessary to pace the threat and changes to platform signature requirements. The systems enable the technical community to assess the electromagnetic health of the force and improve the performance of individual ship systems. Specific items include conductivity-temperature-depth (CTD) sensors, acoustic doppler current profilers (ADCPs), magnetic /electric field sensors, sensor stanchions/tubes, data acquisition equipment, buoys, cabling and ancillary materials, data analysis hardware/software, data storage/ retrieval systems, calibration sources, workstations, communications systems, analyzers, and supporting laboratory equipment.

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Line Item MDAP/MAIS Code: N/A		

[P40A / Pacific Fleet Submerged Electro-Magnetic Range]: Funds a submerged Underwater Electromagnetic (UEM) measurement capability (range) in the Pacific Fleet Area of Responsibility, located at the Pacific Missile Range Facility (PMRF) in Hawaii. This submerged measurement capability will fill a current SUBPAC capability gap and provide signature monitoring capability similar to the system at the South Florida Ocean Measurement Facility (SFOMF) in Fort Lauderdale, FL (that supports SUBLANT and the baseline assessment of all new construction submarines). The PAC UEM range will support VIRGINIA Class stealth, and future submarine classes.

[P40A / Weapon Launching Handling System]: The Submarine Torpedo Tube Support category funds in-service support and alteration procurements for all submarine Torpedo Tubes (TT), Torpedo Ejection Pumps (TEP), Internal Countermeasure Launchers (ICL), Weapons Launch Console (WLC) and Weapons Stowage and Handling Systems (WSHS). Development efforts under this item number include Engineering Change Proposals (ECP), ORDALTs, and Test Equipment and alteration material procurement to correct significant deficiencies in equipment affecting personnel safety, ship safety and system performance. Efforts also include modernization required to ensure continue supportability of COTS based systems and comparability with SWTFS system upgrades. Production engineering includes resolving Liaison Action Requests (LARs) configure/test assembly in lab prior to ship installation and in-shop engineering support of vendor testing.

[P40A / Weapon Launch Console (WLC) Tech Refresh]: VIRGINIA Block I-IV weapons launch consoles face a variety of obsolescence and supportability issues. Additionally, modernization in Block III & IV ships is required to ensure continued operability with future SWFTS upgrades. The weapons launch console interfaces with SWTFS systems, and thus must support correct interface protocols and general requirements such as cybersecurity compliance but is not modernized as part of SWFTS installs. This funding line supports design, procurement, and installation of required modifications to these systems on Block I-IV ships.

[P40A / Torpedo Tube Fiber Optic Interface Upgrade]: Future weapons systems and other payloads such as the MK 48 Mod 8 / Mod 9 HWT are planned to transition to a fiber optic post-launch communication system. This provides an 1,800,000x increase in bandwidth over legacy copper systems, however a new tube penetrator is required to support this interface. The new penetrator will be installed in an existing unused port in the tube to minimize installation costs, however design and procurement costs are significant due to the need to meet SUBSAFE and Level 1 requirements. This funding line will upgrade all in service SSN platforms.

[P40A / Weapon Handling Systems - EPCC Tech Refresh]: VIRGINIA Block I-IV class submarine weapon handling systems use electromechanical actuators to actuate weapons cradle movement controlled by Electromechanical Power Conditioner and Controllers (EPCCs). These units are no longer produced and unsupportable. This line funds design, procurement and install of new design EPCC systems that are supportable and maximize commonality with VIRGINIA Block V submarines.

[P40A / VCS Torpedo Room Fixes]: Early VCS torpedo rooms have multiple documented hazards. This line provides funding to procure and install SHIPALT 4561K on the 9 remaining Block I/II submarines that do not already have it, and accelerates procurement and installation of the Block V EPCC on Block I-IV submarines beyond what item 3.10 allowed in order to address critical obsolescence issues.

[P40A / VA Class SOF Modifications]: Provides for procurement of VIRGINIA Class unique system components that will be installed during planned modernization periods. Also provides funding to perform integrated testing of these unique systems to ensure satisfactory operation with other HM&E and Combat Systems. Funds are provided for procurement of Submarine Special Operations Forces (SOF) unique system components that will be installed during planned modernization periods. Funds are also provided for installation of SOF unique system components.

[P40A / Diver Oxygen Treatment System (DOTS)/Lockout Trunk]: Funds installation of Diver Oxygen Treatment System (DOTS) and certification of Lockout Trunk (LOT) on Special Operations Forces (SOF) designated submarines SSN 777 and 778 to support NAVY SOCOM requirements. Supports the planning and procurement of long-lead time materials for installation during scheduled Depot Modernization Periods (DMPs) due to length of time required to install DOTS.

[P40A / Dry Deck Shelter (DDS) Modernization]: The DDS is a certified diving system that attaches to modified host submarines and provides for insertion of SOF forces and platforms. The Department of the Navy has MOA cost share agreements with the United States Special Operations Command (USSOCOM) to support the modernization of DDS units in order to accommodate current and future Naval Special Warfare payloads, as well as large U.S. Navy payloads. Funding continues engineering design, fabrication, assembly, testing, and sparing. Changes include extending the shelter 50 inches, replacing the Track and Cradle assembly with a higher capacity and remotely operated Payload-Launch and Recovery System (P-LARS), incorporation of remote controls for all DDS functions, and relocation of equipment inside the DDS hangar to accommodate Navy and USSOCOM payloads such as SWCS/MK-11 SDV. DDS modernization is currently a 68/32 cost share between SOCOM and the Department of the Navy.

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Line Item MDAP/MAIS Code: N/A		

[P40A / A SOCOM Project Integration into VACL Block I-III]: Support for in service VA Class SOF capabilities. Starting in FY25, this PB009 sub-line includes funding to modify (2) additional VACL Block I-III submarines in order to integrate and host a SOCOM Project.

[P40A / Submarine Rotational Forces - West]: AUKUS Submarine Rotational Forces West (SRF-W) sub-line procures equipment necessary for the support of units and organizations in Australia. Equipment covers all necessary IT services (NIPR, SIPR, NNPI, SYLAN, SECNET, TRANET, Telephony, etc.), as well as ordnance handling equipment. These systems are all essential to establishing normal operations for US units in Australia. Costs are expected to be one time procurement costs and totals are based on similar recent installations.

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Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Submarine Support Equipment				- / 477.796	- / 273.052	- / 377.233	- / 326.851	- / -	- / 326.851
P-3a	1 / PB002 Acoustic Superiority Machinery Alterations (TBD)				- / 23.786	- / 5.714	- / 5.829	- / 4.100	- / 0.000	- / 4.100
P-40	**Total Gross/Weapon System Cost**				**- / 501.582**	**- / 278.766**	**- / 383.062**	**- / 330.951**	**- / 0.000**	**- / 330.951**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Submarine Support Equipment				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / PB002 Acoustic Superiority Machinery Alterations (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 39.429
P-40	**Total Gross/Weapon System Cost**				**- / 313.793**	**- / 159.998**	**- / 142.492**	**- / 143.392**	**Continuing**	**Continuing**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
Funding decreases from FY2026 to FY2027 due to completion of component procurement and production phase of the South Tongue of the Ocean Acoustic Facility (STAFAC) Recapitalization and completion of procurement of the majority of equipment for Submarine Rotational Forces West (SRF-W) Initial and Full Operational Capability in FY2026.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
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Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) PB002/PB5IN SSN Class Component Upgrades																				
1.1) SSTG Digital Voltage Procurement (1)	A		-	-	16.337	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) SSTG Digital Voltage Installation	A		-	-	2.655	-	-	0.574	-	-	-	-	-	-	-	-	-	-	-	-
1.3) ICS Block 5 Design Change Procurement (2)	A		-	-	22.524	-	-	2.872	-	-	2.929	-	-	-	-	-	-	-	-	-
1.4) ICS Block 5 Design Change Installation	A		-	-	11.017	-	-	3.597	-	-	3.668	-	-	3.090	-	-	-	-	-	3.090
1.5) DGIOTS Shock Modification Procurement (3)	A		-	-	2.211	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) DGIOTS Shock Modification Installation	A		-	-	1.473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) Fwd Automatic Bus Transfer Pwr Mod Procurement (4)	A		-	-	3.805	-	-	0.450	-	-	-	-	-	-	-	-	-	-	-	-
1.8) Fwd Automatic Bus Transfer Pwr Mod Installation	A		-	-	15.221	-	-	1.801	-	-	-	-	-	-	-	-	-	-	-	-
1.9) MRO Shock Mod Procurement (5)	A		-	-	3.079	-	-	0.473	-	-	-	-	-	-	-	-	-	-	-	-
1.10) MRO Shock Mod Installation	A		-	-	0.697	-	-	0.124	-	-	0.126	-	-	-	-	-	-	-	-	-
1.11) VACL Circuit D Upgrade Procurement (6)	A		-	-	7.569	-	-	1.351	-	-	2.757	-	-	-	-	-	-	-	-	-
1.12) VACL Circuit D Upgrade Installation	A		-	-	0.312	-	-	0.566	-	-	1.546	-	-	1.430	-	-	-	-	-	1.430
1.13) SSTG Reliability Upgrades Design & Dev. (7)	A		-	-	4.802	-	-	0.158	-	-	-	-	-	-	-	-	-	-	-	-
1.14) SSTG Reliability Upgrades Procurement	A		-	-	8.978	-	-	-	-	-	2.381	-	-	-	-	-	-	-	-	-
1.15) SSTG Reliability Upgrades Installations	A		-	-	2.623	-	-	5.308	-	-	-	-	-	2.420	-	-	-	-	-	2.420
1.16) Portable Ship Control Unit Installation (8)	A		-	-	3.749	-	-	0.952	-	-	1.378	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	**Aggregated Items Title:** Submarine Support Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.17) High Pressure Air Dryer Design Development	A		-	-	1.265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.18) High Pressure Air Dryer Procurement (Fleet Install)	A		-	-	3.815	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.19) Dry Deck Shelter	A		-	-	9.366	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.20) VA Class Acoustic Superiority Prog Design & Dev./ Tech Transfer	A		-	-	15.389	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.21) LPE Material Procurement (9)	A		-	-	4.021	-	-	2.092	-	-	2.133	-	-	2.176	-	-	-	-	-	2.176
1.22) LPE Installation 688 Class	A		-	-	1.117	-	-	-	-	-	0.586	-	-	0.597	-	-	-	-	-	0.597
1.23) LPE Production Engineering (10)	A		-	-	1.188	-	-	-	-	-	0.168	-	-	0.168	-	-	-	-	-	0.168
1.24) Central Air Monitoring System (CAMS) Modernization (11)	A		-	-	5.936	-	-	-	-	-	0.379	-	-	0.386	-	-	-	-	-	0.386
1.25) SSN HM&E System Sustainment (12)	A		-	-	6.620	-	-	-	-	-	3.014	-	-	0.850	-	-	-	-	-	0.850
1.26) VA Class Machinery Control System Modernization (13)	A		-	-	21.167	-	-	-	-	-	4.337	-	-	-	-	-	-	-	-	-
1.27) Emergency Diesel Generator Reliability Upgrades (14)	A		-	-	4.722	-	-	1.107	-	-	5.757	-	-	3.179	-	-	-	-	-	3.179
1.28) VACL Battery Management System Upgrade (15)	A		-	-	6.692	-	-	4.084	-	-	4.955	-	-	-	-	-	-	-	-	-
1.29) VACL Pressure Hull Castings (16)	A		-	-	17.019	-	-	9.000	-	-	9.000	-	-	10.000	-	-	-	-	-	10.000
1.30) VACL Modified Tailcone (17)	A		-	-	1.050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.31) SWCL San Pump Upgrade (18)	A		-	-	3.030	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.32) Periodic Tech Refresh of COTS	A		-	-	6.680	-	-	-	-	-	2.757	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	**Aggregated Items Title:** Submarine Support Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Systems (PTROCS) (19)																				
1.33) VACL Propulsion Shaft Procurement	A		-	-	5.900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.34) SWCL Ship Control System Sustainment (20)	A		-	-	8.770	-	-	2.790	-	-	0.959	-	-	-	-	-	-	-	-	-
1.35) VACL ICCP Upgrade Procurement (21)	A		-	-	-	-	-	-	-	-	5.100	-	-	2.470	-	-	-	-	-	2.470
1.36) VACL ICCP Upgrade Install	A		-	-	-	-	-	-	-	-	3.520	-	-	1.665	-	-	-	-	-	1.665
1.37) VCS MPU/ SSTG Servo Valve Upgrade (SIB-25) (22)	A		-	-	7.000	-	-	7.000	-	-	-	-	-	-	-	-	-	-	-	-
1.38) SSN Fire Detection System (SIB-25) (23)	A		-	-	4.000	-	-	9.000	-	-	17.000	-	-	33.000	-	-	-	-	-	33.000
1.39) Payload Tube Expeditionary Reload Time Improvements (SIB-25) (24)	A		-	-	-	-	-	1.000	-	-	1.000	-	-	2.000	-	-	-	-	-	2.000
1.40) SWCL Bowdome (SIB-25) (25)	A		-	-	31.000	-	-	26.000	-	-	-	-	-	-	-	-	-	-	-	-
1.41) BLK I/II Obs (SIB-25) (26)	A		-	-	9.000	-	-	3.150	-	-	0.450	-	-	-	-	-	-	-	-	-
1.42) BLK III/IV Obs (SIB-25) (27)	A		-	-	10.000	-	-	94.742	-	-	87.600	-	-	105.702	-	-	-	-	-	105.702
1.43) NPES (SIB-25) (28)	A		-	-	12.000	-	-	9.000	-	-	10.000	-	-	13.000	-	-	-	-	-	13.000
1.44) Mat. Sup. Phase out 688 (29)	A		-	-	-	-	-	17.000	-	-	22.000	-	-	22.000	-	-	-	-	-	22.000
1.45) Sup. Fut. VCS Blocks (30)	A		-	-	-	-	-	17.000	-	-	17.510	-	-	13.450	-	-	-	-	-	13.450
1.46) VCS Bowdome (31)	A		-	-	-	-	-	-	-	-	-	-	-	29.000	-	-	-	-	-	29.000
1.47) SSN CL - Spectroscopic Total Air Monitor (32)	A		-	-	-	-	-	-	-	-	17.000	-	-	17.034	-	-	-	-	-	17.034

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	**Aggregated Items Title:** Submarine Support Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.48) VA CL - NRFI Shaft Refurbishment (33)	A		-	-	7.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.49) SWF SCS Test Equipment (34)	A		-	-	3.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.50) VA CL - Drawing Updates & HME Modernization (35)	A		-	-	3.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.51) VA CL Propulsor Material (36)	A		-	-	-	-	-	-	-	-	-	-	-	9.607	-	-	-	-	-	9.607
Subtotal: 1) PB002/PB5IN SSN Class Component Upgrades			**-**	**-**	***316.999***	**-**	**-**	***221.191***	**-**	**-**	***230.010***	**-**	**-**	***273.224***	**-**	**-**	**-**	**-**	**-**	***273.224***
2) PB004/PB5IN Facilities/Lab Upgrades																				
2.1) Acoustic Range Equipment Replacement (37)	A		-	-	113.760	-	-	17.698	-	-	62.514	-	-	7.827	-	-	-	-	-	7.827
2.2) Underwater Electromagnetic Range Equipment Replacement (38)	A		-	-	-	-	-	3.350	-	-	2.348	-	-	1.945	-	-	-	-	-	1.945
2.3) Pacific Fleet Submerged Electro-Magnetic Range (39)	A		-	-	1.296	-	-	1.883	-	-	11.963	-	-	9.099	-	-	-	-	-	9.099
Subtotal: 2) PB004/PB5IN Facilities/ Lab Upgrades			**-**	**-**	***115.056***	**-**	**-**	***22.931***	**-**	**-**	***76.825***	**-**	**-**	***18.871***	**-**	**-**	**-**	**-**	**-**	***18.871***
3) PB005/PB5IN Weapon Launching Handling System																				
3.1) Production Engineering (40)	A		-	-	1.000	-	-	0.306	-	-	0.312	-	-	0.318	-	-	-	-	-	0.318
3.2) 2S Cog Material	A		-	-	0.258	-	-	0.068	-	-	0.069	-	-	0.071	-	-	-	-	-	0.071
3.3) TT/TEP/ICL/ WSHS/WLC	A		-	-	5.216	-	-	0.984	-	-	0.704	-	-	0.717	-	-	-	-	-	0.717
3.4) Misc. Test Equipment	A		-	-	0.668	-	-	0.173	-	-	0.176	-	-	0.180	-	-	-	-	-	0.180
3.5) Test Facility Equipment	A		-	-	0.540	-	-	0.142	-	-	0.145	-	-	0.148	-	-	-	-	-	0.148
3.6) ORDALT Procurement	A		-	-	0.450	-	-	0.153	-	-	0.156	-	-	-	-	-	-	-	-	-
3.7) ORDALT Installation	A		-	-	3.115	-	-	0.818	-	-	0.834	-	-	-	-	-	-	-	-	-
3.8) Weapons Launch Console (WLC) Tech Refresh (41)	A		-	-	7.820	-	-	2.240	-	-	4.119	-	-	4.001	-	-	-	-	-	4.001

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	**Aggregated Items Title:** Submarine Support Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
3.9) Torpedo Tube Fiber Optic Interface Upgrade [42]	A		-	-	-	-	-	0.970	-	-	1.589	-	-	1.400	-	-	-	-	-	1.400
3.10) Weapons Handling Systems-EPCC Tech Refresh [43]	A		-	-	4.746	-	-	2.739	-	-	3.315	-	-	3.200	-	-	-	-	-	3.200
3.11) Torpedo Tube OPROD Upgrade [44]	A		-	-	2.020	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.12) SSTG MOD 25 Installation/DSA	A		-	-	0.783	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.13) VCS Torpedo Room Fixes (SIB-25) [45]	A		-	-	-	-	-	14.000	-	-	12.000	-	-	14.000	-	-	-	-	-	14.000
Subtotal: 3) PB005/PB5IN Weapon Launching Handling System			**-**	**-**	***26.616***	**-**	**-**	***22.593***	**-**	**-**	***23.419***	**-**	**-**	***24.035***	**-**	**-**	**-**	**-**	**-**	***24.035***
4) PB009/PB5IN VA Class SOF																				
4.1) SOF Upgrades & Alterations [46]	A		-	-	3.367	-	-	0.977	-	-	0.997	-	-	1.016	-	-	-	-	-	1.016
4.2) Install Diver Oxygen Treatment System/Lockout Trunk on SSN 777 & 778 [47]	A		-	-	10.934	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) Dry Deck Shelters Modernization [48]	A		-	-	4.824	-	-	3.660	-	-	2.736	-	-	-	-	-	-	-	-	-
4.4) A SOCOM Project integration into VACL BLK I-III [49]	A		-	-	-	-	-	1.700	-	-	6.900	-	-	7.042	-	-	-	-	-	7.042
Subtotal: 4) PB009/PB5IN VA Class SOF			**-**	**-**	***19.125***	**-**	**-**	***6.337***	**-**	**-**	***10.633***	**-**	**-**	***8.058***	**-**	**-**	**-**	**-**	**-**	***8.058***
5) PB010 AUKUS																				
5.1) Submarine Rotational Forces - West [50]	A		-	-	-	-	-	-	-	-	36.346	-	-	2.663	-	-	-	-	-	2.663
Subtotal: 5) PB010 AUKUS			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***36.346***	**-**	**-**	***2.663***	**-**	**-**	**-**	**-**	**-**	***2.663***
Total			**-**	**-**	**477.796**	**-**	**-**	**273.052**	**-**	**-**	**377.233**	**-**	**-**	**326.851**	**-**	**-**	**-**	**-**	**-**	**326.851**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

[1] 1.1 & 1.2 SSTG Digital Voltage Regulator program upgrades a total of 6 ships.

[2] 1.3 & 1.4 ICS Block 5 Upgrade: Procures and installs S/A 5061K on all VACL block I-IV hulls. Funding profile varies to align with CNO availability schedules. 2 year procurement lead time.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	**Aggregated Items Title:** Submarine Support Equipment

(3) 1.5 & 1.6 DGIOTS Shock Modification ShipAlt 4776K: Procurement and installation occurs in the same year (less than 12-month lead time).

(4) 1.7 & 1.8 Forward Automatic Bus Transfer Power Mod: Procurement and installation occurs in the same year (less than 12 months lead time).

(5) 1.9 & 1.10 MRO Shock Mod ShipAlt 4620K funding plan is to procure and install a total of 8 units.

(6) 1.11 & 1.12 ShipAlt 5062K Circuit D/Cathodic Protection Sys OER: Funds procurement and installation of alteration to upgrade legacy VACL systems to supportable blk V system.

(7) 1.13, 1.14 & 1.15 SSTG Reliability Upgrades: Funds modifications required to improve reliability of VACL SSTGs. Install and procurement funding varies from year to year based on differences in quantities as needed to align with maintenance availabilities.

(8) 1.16 Portable Ship Control Units: Installs upgrades portable ship control system to allow continued operation with updated combat systems suite.

(9) 1.21 & 1.22 Low-pressure Electrolyzer (LPE) funding transferred from BLI 0990. Procurements have an 18 month lead time. Program funding procures and installs a total of 7 units scheduled to coincide with 688 class refueling overhauls.

(10) 1.23 LPE Production Engineering - Funds efforts that support sustainability of LPE units on in-service SEAWOLF & VIRGINIA class submarines.

(11) 1.24 Central Atmosphere Monitoring System (CAMS) Modernization - Funds efforts to develop, qualify and implement modernization solutions that allow sustainment of the CAMS system until a replacement system is available.

(12) 1.25 SSN HM&E System Sustainment - Funds development and implementation of various minor critical alterations to in-service SSN HM&E systems. This funding line differs from the PTROCS line in that is support modernization of hardware items such as lifelines, hatch clips, pumps, etc. whereas PTROCS support modernization driven by obsolescence of COTS based control systems.

(13) 1.26 VA Class Machinery Control System Modernization - Procures and installs various ShipAlts to update obsolete COTS based machinery control systems to supportable modern systems.

(14) 1.27 Emergency Diesel Generator Reliability Upgrades - Funds procurement and installation of various alterations required to support sustainment and reliable operation of SSN Emergency Diesel Generators.

(15) 1.28 VACL Battery Management System Upgrade - Funding is requested to replace the legacy systems starting with VA class block III boats with the new design Battery Management System (BMS) used on VA class block V.

(16) 1.29 VACL Pressure Hull Castings - Funds replacement of hull castings identified to have significant defects resulting from improper vendor heat treatment of these large castings.

(17) 1.30 VACL Modified Tailcone - Modified tailcone, mitigates vulnerability that imposes operational restriction on VA Class SSNs.

(18) 1.31 SWCL San Pump Upgrade - Procures and installs modified OHIO class sanitary pumps on SEAWOLF class submarines to eliminate the requirement to blow tanks overboard with high pressure air.

(19) 1.32 Periodic Tech Refresh of COTS Systems (PTROCS) - Provides funding to support design and development of modernization efforts for emerging COTS obsolescence issues.

(20) 1.34 SWCL Ship Control System Sustainment - Funds modernization efforts for SEAWOLF class unique ship control system hardware, software and test systems.

(21) 1.35 & 1.36 VACL ICCP Upgrades - Procures and installs alteration to replace obsolete VACL Blk I/II ICCP system to Blk V baseline. Procurements start in FY25 with procurement and installation quantity varying as needed to align with maintenance availabilities.

(22) 1.37 VCS MPU/SSTG Servo Valve Upgrade (SIB-25) - Procures and installs alteration to replace VACL servo valve upgrades as part of a reliability concern in the legacy design. Procurements start in FY25 with procurement and installation quantity varying as needed to align with maintenance availabilities.

(23) 1.38 SSN Fire Detection System (SIB-25) - Provides funding to support design and development of the BLK V efforts to ensure safety of the Payload that is installed on VACL submarines. The increase in funding for the VIRGINIA Class Fire Detection System Backfit is a result of transitioning from design and development and first-time procurement to follow-on procurement and installation.

(24) 1.39 Payload Tube Expeditionary Reload Time Improvements (SIB-25) - Funding will be used to implement system modifications to support at-sea HAZMAT flushing thereby increasing the speed of reloading the VPTs in port.

(25) 1.40 SWCL Bowdome (SIB-25) - Provides funding to procure the replacement Dome for SSN 21 Class which is showing signs of wear and deterioration.

(26) 1.41 BLK I/II Obs (SIB-25) - Procures and installs alteration to replace obsolete VACL Blk I/II systems to Blk V baseline. Procurements start in FY25 with procurement and installation quantity varying as needed to align with maintenance availabilities.

(27) 1.42 BLK III/IV Obs (SIB-25) - Procures and installs alteration to replace obsolete VACL Blk III/IV systems to Blk V baseline. Procurements start in FY25 with procurement and installation quantity varying as needed to align with maintenance availabilities.

(28) 1.43 NPES (SIB-25) - This funding supports various aspects of NPES alteration development for Blk I/II systems.

(29) 1.44 Mat. Sup. Phase out 688 - Provides funding to harvest parts from Deactivation ships to ensure that the refuelers are fully supported with the material needed to reach the new service life.

(30) 1.45 Sup. Fut. VCS Blocks - Provides funding to support the in-service VACL BLK of ships that are under design changes reviews in future BLK designs to allow for development of back-fits to ensure sustainment through strategic upgrades is achieved.

(31) 1.46 VCS Bowdome - Provides funding to procure and store Spare ready for issue Bow Domes for VACL. These are needed to ensure submarine sustainment through the life cycle.

(32) 1.47 SSN CL - Spectroscopic Total Air Monitor (STAM) - Funds development, qualification, procurement, and installation of the STAM system. This system replaces the legacy CAMS system on multiple SSN classes, which suffers reliability, maintainability, and procurement issues due to system age.

(33) 1.48 - VA CL - NRFI Shaft Refurbishment - Funds will refurbish 3 NRFI shafts.

(34) 1.49 - SWF SCS Test Equipment - The program supports the procurement of new test equipment in support of the Performance Monitoring Program (PMP).

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	**Aggregated Items Title:** Submarine Support Equipment

(35) 1.50 - VA CL - Drawing Updates & HME Modernization - The program will start updating the drawings and remove hanging paperwork against the drawings.

(36) 1.51 - VA CL Propulsor Material: VA CL Propulsor material procurements in support of availabilities. Funding varies based on availability schedules.

(37) 2.1 Acoustic Range - The South Tongue of the Ocean Acoustic Facility (STAFAC) facility reached end of design life in 2023 and the replacement range must be upgraded with additional sensor and processing capability in order to validate COLUMBIA (CLB) Class CDD stealth requirements. In FY27, the STAFAC Recapitalization OPN budget decreases as it completes the component procurement and production phase and the project transitions into component/ system level integration testing and preparation for system deployment. Additionally, the Southeast Alaska Facility (SEAFAC) acoustic measurement range requires investment in the modernization of major components in order to extend the design life of the range into the mid-2030s. In FY27, the program continues modernization of submerged electronics and tracking systems within the SEAFAC range to mitigate obsolescence and extend range operational service life.

(38) 2.2 Underwater Electromagnetic Range Equipment - Program continues periodic spares procurement and component modernization of the South Florida Ocean Measurement Facility (SFOMF) in Dania Beach FL to counter obsolescence and insert improved capability to measure the underwater electromagnetic signatures of VA Class submarines. SFOMF supports UEM trials for all new construction and in-service east coast VA Class to ensure platforms meet the requirements for magnetic silencing and surveillance, as identified in CNO Instruction OPNAVINST 8950.2H, monitor UEM stealth and assess the performance of advanced degaussing and impressed current cathodic protection systems.

(39) 2.3 Pacific Fleet Submerged Electro-Magnetic Range - This effort, which started in FY24, funds the design and installation of the Pacific Fleet Submerged Underwater Electro-Magnetic Range, a submerged measurement capability for the Pacific Fleet Area of Responsibility, located at the Pacific Missile Range Facility (PMRF) in Hawaii. This facility fills a current SUBPAC capability gap and will be similar to the system currently at the South Florida Ocean Measurement Facility (SFOMF) in Fort Lauderdale, FL in support of VIRGINIA Class and future submarine classes. PACDERMA budget decreases from FY26 to FY27 as project transitions from major range equipment procurement (seabed cables & sensor equipment), horizontal directional drilling, deep water survey for maritime construction to a phase of seabed and terrestrial cable installations, civil works, remote operations center equipment install, and system checks in support of planned IOC in late FY27.

(40) 3.1 - 3.7 Sub Weapons Launch/ Handling Support funds several projects that support the modernization of the Submarine Weapons Launch/ Handling Support equipment and systems.

(41) 3.8 Weapons Launch Console (WLC) Tech Refresh - Funds design, procurement and installation of modification to Virginia block I-IV weapons launch consoles to mitigate obsolete components and ensure interoperability with future SWFTS upgrades. Installation is planned to align with TI-24 SFWTS upgrades.

(42) 3.9 Torpedo tube fiber optic interface upgrade - Procures and installs new torpedo tube penetrators to support new weapons and other payloads using optical communication systems.

(43) 3.10 Weapons Handling Systems-EPCC Tech Refresh - Funds design, procurement and install of new design weapons handling electromechanical power conditioner and control (EPCC) systems for VIRGINIA block I-IV ships that are supportable and maximize commonality with VIRGINIA block V submarines.

(44) 3.11 Torpedo Tube OPROD Upgrade - This line procures and installs upgraded OPRODs that increase fatigue life to exceed the service life of the ship.

(45) 3.13 VCS Torpedo Room Fixes (SIB-25) - Fund will implement Shipalts to address multiple documented hazards on VIRGINIA Class.

(46) 4.1 SOF Upgrades and Alterations - Funding is for SOF designated VACL submarine investments for modernization and product improvements required to achieve and maintain the SOF operational availability and presence requirements. Additional funding addresses component or equipment performance deficiencies, obsolescence issues, and DMSMS for the SOF VACL HOSUBs. Requirement per OPNAV N97 Ltr. SerN87/10U160461 (Subj: Submarine Requirements to Support SOF Delivery from SSGN and SSN).

(47) 4.2 Install Diver Oxygen Treatment System/Lockout Trunk on SSN 777 & 778 - Funds installation of Diver Oxygen Treatment System (DOTS) and certification of Lockout Trunk (LOT) on Special Operations Forces (SOF) designated submarines SSN777 and 778 to support NAVY-SOCOM requirements. Requirement per OPNAV N97 Letter Ser N87/10U160461, Submarine Requirements to Support SOF Delivery from SSGN and SSN.

(48) 4.3 Dry Deck Shelters Modernization - Funding to continue modernization and sparing of the Dry Deck Shelters based on MOA between OPNAV N97, USSOCOM, COMNAVSPECWARCOM, and NAVSEA dated 4 June 2019 which promotes an agreement to continue the cost share agreement between the Undersea Enterprise and SOCOM.

(49) 4.4 A SOCOM Project integration into VACL BLK I-III - Starting in FY25, modify (2) additional VACL BLK I-III submarines in order to integrate and host a SOCOM Project.

(50) 5.1 Submarine Rotational Forces West - The AUKUS Submarine Rotational Forces West (SRF-W) sub-line procures equipment necessary for the support of units and organizations in Australia. Costs are expected to be one time procurement costs. The decrease from $36.3M in FY26 to $2.9M in FY27 is due to the majority of necessary equipment being procured in FY26, in order to meet SRF-W Initial and Full Operational Capability milestones.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	**Modification Number / Title:** 1 / PB002 Acoustic Superiority Machinery Alterations
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	23.786	5.714	5.829	4.100	0.000	4.100	0.000	0.000	0.000	0.000	0.000	39.429
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	23.786	5.714	5.829	4.100	0.000	4.100	0.000	0.000	0.000	0.000	0.000	39.429
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**23.786**	**5.714**	**5.829**	**4.100**	**0.000**	**4.100**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**39.429**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

[Acoustic Superiority Machinery Alterations] Acoustic Superiority backfit alterations are based on design and material developed for installation on USS SOUTH DAKOTA (SSN 790) as part of the South Dakota Improvement Program (SDIP) during PSA.

This line funds the AS machinery modifications. The second component of the AS program, the LVA sonar, is funded under line item 2150

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	**Modification Number / Title:** 1 / PB002 Acoustic Superiority Machinery Alterations
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: PB002 Acoustic Superiority Machinery Alterations												
B Kits												
Recurring												
1.1.1) Machinery Alterations - Material - NonOrganic	4 / 2.127	1 / 0.555	1 / 0.567	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 3.249
Subtotal: Recurring	*- / 2.127*	*- / 0.555*	*- / 0.567*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 3.249*
Subtotal: PB002 Acoustic Superiority Machinery Alterations	*4 / 2.127*	*1 / 0.555*	*1 / 0.567*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*6 / 3.249*
Subtotal: Procurement, All Modification Items	*- / 2.127*	*- / 0.555*	*- / 0.567*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 3.249*
Support *(All Modification Items)*												
2.1) Machinery Alterations Design & Development/LVA S/A Redesign	- / 6.700	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 6.700
2.2) Machinery Alterations Installation Planning	3 / 2.235	1 / 0.780	1 / 0.796	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 3.811
Subtotal: Support	*- / 8.935*	*- / 0.780*	*- / 0.796*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 10.511*
Installation												
Modification Item 1 of 1: PB002 Acoustic Superiority Machinery Alterations	- / 12.724	- / 4.379	- / 4.466	- / 4.100	- / 0.000	- / 4.100	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 25.669
Subtotal: Installation	*- / 12.724*	*- / 4.379*	*- / 4.466*	*- / 4.100*	*- / -*	*- / 4.100*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 25.669*
Total												
Total Cost (Procurement + Support + Installation)	**23.786**	**5.714**	**5.829**	**4.100**	**0.000**	**4.100**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**39.429**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0941 / Submarine Support Equipment	**Modification Number / Title:** 1 / PB002 Acoustic Superiority Machinery Alterations

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 1: PB002 Acoustic Superiority Machinery Alterations

Manufacturer Information

Manufacturer Name: Various (51)	Manufacturer Location: New MFG - Loc
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 0

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Oct 2024	Oct 2025	Oct 2026	Oct 2027	Oct 2028	Oct 2029	Oct 2030
Delivery Dates	Oct 2025	Oct 2026	Oct 2027	Oct 2028	Oct 2029	Oct 2030	Oct 2031

Installation Information

Method of Implementation: [none specified]:: Installation Name: Machinery Alterations - Material

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	3 / 12.724	1 / 4.379	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	4 / 17.103
FY 2025	- / -	- / -	1 / 4.466	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 4.466
FY 2026	- / -	- / -	- / -	1 / 4.100	0 / 0.000	1 / 4.100	- / -	- / -	- / -	- / -	0 / 0.000	1 / 4.100
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	3 / 12.724	1 / 4.379	1 / 4.466	1 / 4.100	0 / 0.000	1 / 4.100	- / -	- / -	- / -	- / -	0 / 0.000	6 / 25.669

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	3	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Out	2	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6

Footnotes:

(51) AS machinery modifications consist of a number of individual shipalts which use material from various vendors

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0942 / Virginia Class Support Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604558N, 0204281N
Line Item MDAP/MAIS Code: 516		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	1,115.051	43.565	52.039	83.297	0.000	83.297	96.213	83.221	96.732	113.748	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,115.051	43.565	52.039	83.297	0.000	83.297	96.213	83.221	96.732	113.748	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,115.051**	**43.565**	**52.039**	**83.297**	**0.000**	**83.297**	**96.213**	**83.221**	**96.732**	**113.748**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	1.305	-	1.305	2.287	5.489	3.514	3.263	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The VIRGINIA Class BLI 0942 provides a wide range of materials required to operate, test, support and maintain the viability of VIRGINIA SSN774 Class Submarines. Additional details are provided below for each effort. Increases from FY 2026 to 2027 are required to support additional material ordering and continued vendor qualification activities associated with procurement of upgraded Ship Control System (SCS) hardware on all in-service platforms, which is necessary to ensure continued safe submarine operations.

The Major Shore Spares component includes rotatable pool and insurance spares. Propulsor rotatable pool assets support planned maintenance during scheduled availabilities by decreasing equipment turn-around time/availability duration. Rotatable pool program equipment includes the high pressure air compressor, various pump/motor assemblies, radar mast, valves/actuators, ventilation fans and thin line towed array components and other components.

The Test and Evaluation (T&E) component includes upgrading the afloat acoustic system required to conduct TECHEVAL/OPEVAL satisfactorily, efficiently, and with minimal risk of equipment failure. Conduct hardware and software development, procurement, maintenance, and operations as required to achieve and maintain the submarine acoustic signatures trials program. The resultant capabilities support the Submarine Acoustic Trials Enterprise, which includes the VIRGINIA Class Submarine test and evaluation program.

VPT Platforms and Intermediate and Depot (I&D) Support Equipment funding includes Vertical Launch System (VLS) Peculiar Support Equipment (PSE) for All-Up Round Simulators (AURS)/All-Up Round (AUR) Ballast Cans necessary to conduct TECHEVAL/OPEVAL and provide ballast for ship operation. VIRGINIA Class Submarines must maintain a required Platform to Submarine ratio of 0.6 through the FYDP. The variable procurement quantities associated with these items are based on inventory required to maintain this ratio.

Non-Tactical Data Processing System (NTDPS)-Nosis funding includes shipboard wireless LAN that provides a ship wide (forward of the reactor compartment) intranet (Non-classified Internet Protocol (IP) Router Network (Unclassified Enclave) (NIPRNET)) that significantly enhances the quality of the work by facilitating electronic correspondence, personnel data management, collaborative services, interactive whiteboard, multi-user chat, and access to these sites: Fleet Training Management & Planning System/Navy Training Management & Planning System (FTMPS/NTMPS), Composite Health Care System (CHCS), prescriptions, MYPAY-Defense Finance and Accounting Service (DFAS), Navy Personnel Command (NPC), Bureau of Naval Personnel (BUPERS), email, Fleet Technical Support Center, Atlantic (FTSCLANT), Submarine Maintenance Engineering, Planning and Procurement (SUBMEPP), and Navy Knowledge Online (NKO).

Maintenance Planning System funds will be used to help ship programs identify, plan, and execute maintenance activities as well as improve efficiency at all levels (performed by ship's force as well as organizational/depot level) by creating a set of tools to provide a robust, distributed and comprehensive training and maintenance solution delivering dynamic content. This set of tools and the associated ship-

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	P-1 Line Item Number / Title: 0942 / Virginia Class Support Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604558N, 0204281N
Line Item MDAP/MAIS Code: 516		

to-shore data environment will reduce Operations & Maintenance, Navy (OM&N) funding over time. This will be fielded as part of the Non-Tactical Data Processing System (NTDPS)-Nosis to VIRGINIA Class Submarines.

Ship Control System (SCS) Technology Modernization funding supports obsolescence management of the Fly-By-Wire (FBW) SCS installed and used to maneuver in-service VIRGINIA Class fast attack submarines. This funding provides for upgrading software and hardware to incorporate necessary safety, reliability, and performance improvements.

Additionally, the continuous ship upgrades necessary to maintain class viability of the earlier ships are included in this funding line. This is particularly important for Commercial Off-the-Shelf (COTS) Technology Refreshment and Technology Upgrades for Non-Propulsion Electronic Systems (NPES). The class level of modernization and capability rests on available resources.

[P40A / Auxiliary Equipment]: Auxiliary equipment component includes funding for ladders and ladder storage containers for Sail Racetracks, Logistics Escape Trunk/Logistics Plug Trunk (LET/LPT) and other equipment such as I&D material, support material for VPT, and storage containers for Center Cell Access Port(CCAP)/All Up Round Volumetric Shape(AURS)/All Up Round Ballast Grade B(AURBb).

[P40A / Non-Tactical Data Processing System - Nosis]: Provide software and hardware updates, software licenses and technical and logistics support to the Non-Tactical Data Processing System (NTDPS).

[P40A / Ship Control System Technology Modernization]: Provides for the procurement of materials necessary to modernize VIRGINIA Class Fly-By-Wire (FBW) Ship Control System (SCS) to sustain interfaces and technology baseline with the connecting Government Furnished sub-systems contained in the Non-Propulsion Electronics System suite.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0942 / Virginia Class Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0604558N, 0204281N
Line Item MDAP/MAIS Code: 516		

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Virginia Class Support Equipment				- / 816.091	- / 35.626	- / 43.941	- / 75.037	- / -	- / 75.037
P-3a	1 / H1RC6 - Major Shore Spares (Various)				- / 298.960	- / 7.939	- / 8.098	- / 8.260	- / 0.000	- / 8.260
P-40	**Total Gross/Weapon System Cost**				**- / 1,115.051**	**- / 43.565**	**- / 52.039**	**- / 83.297**	**- / 0.000**	**- / 83.297**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Virginia Class Support Equipment				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / H1RC6 - Major Shore Spares (Various)				- / 8.425	- / 8.594	- / 8.766	- / 8.941	Continuing	Continuing
P-40	**Total Gross/Weapon System Cost**				**- / 96.213**	**- / 83.221**	**- / 96.732**	**- / 113.748**	**Continuing**	**Continuing**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 provides for the continued procurement of support equipment to ensure the viability of VIRGINIA Class Submarines and continues procurement of materials necessary to modernize VIRGINIA Class Fly-By-Wire (FBW) Ship Control System (SCS) to sustain interfaces and technology baseline with the connecting Government Furnished sub-systems contained in the Non-Propulsion Electronics System suite. Increases from FY 2026 to 2027 are required to support additional material ordering and continued vendor qualification activities associated with procurement of upgraded SCS hardware on all in-service platforms, which is necessary to ensure continued safe submarine operations. All VIRGINIA Class Submarines must receive this one-time hardware upgrade to address obsolescence Fleet wide in order to remain operable, while continuing software modernization as required. Funds associated with this effort are phased to support procurement lead times based on the iterative development of hardware and software builds, and are aligned with ship maintenance availability schedules.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0942 / Virginia Class Support Equipment	**Aggregated Items Title:** Virginia Class Support Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) All Prior Years																				
1.1) All Prior Years (APY)	A		-	-	647.750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) All Prior Years			**-**	**-**	***647.750***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) H1RC2 TEST & EVALUATION EQUIPMENT																				
2.1) Test & Evaluation Measuring Equipment	A		-	-	44.480	-	-	2.163	-	-	2.206	-	-	2.061	-	-	-	-	-	2.061
Subtotal: 2) H1RC2 TEST & EVALUATION EQUIPMENT			**-**	**-**	***44.480***	**-**	**-**	***2.163***	**-**	**-**	***2.206***	**-**	**-**	***2.061***	**-**	**-**	**-**	**-**	**-**	***2.061***
3) H1RC8 - VPT and I&D Support Equipment																				
3.1) Weapons Equipment: VPT Platform [(1)]	A		1,841K	12	22.092	2,028K	1	2.028	2,068K	1	2.068	2,109K	1	2.109	-	-	-	2,109K	1	2.109
3.2) Industrial Equipment: Sail Racetracks	A		312,642.86	14	4.377	337,400.00	1	0.337	344,000.00	1	0.344	351,000.00	1	0.351	-	-	-	351,000.00	1	0.351
3.3) Auxiliary Equipment [(2)]	A		-	-	9.482	-	-	4.174	-	-	4.206	-	-	3.942	-	-	-	-	-	3.942
Subtotal: 3) H1RC8 - VPT and I&D Support Equipment			**-**	**-**	***35.951***	**-**	**-**	***6.539***	**-**	**-**	***6.618***	**-**	**-**	***6.402***	**-**	**-**	**-**	**-**	**-**	***6.402***
4) H1RC13 TECH INSERTION TECH REFRESH & UPGRADES																				
4.1) Shipboard Mobile Computing NTDPS (ULAN + SW Enclave + PDOCS + Upgrades)	A		-	-	35.523	-	-	2.869	-	-	2.926	-	-	2.734	-	-	-	-	-	2.734
4.2) Non-Tactical Data Processing System - Nosis	A		-	-	35.039	-	-	4.593	-	-	4.685	-	-	4.378	-	-	-	-	-	4.378
4.3) Ship Control System Technology Modernization [(3)]	A		-	-	17.348	-	-	19.462	-	-	27.506	-	-	59.462	-	-	-	-	-	59.462
Subtotal: 4) H1RC13 TECH INSERTION TECH REFRESH & UPGRADES			**-**	**-**	***87.910***	**-**	**-**	***26.924***	**-**	**-**	***35.117***	**-**	**-**	***66.574***	**-**	**-**	**-**	**-**	**-**	***66.574***
Total			**-**	**-**	**816.091**	**-**	**-**	**35.626**	**-**	**-**	**43.941**	**-**	**-**	**75.037**	**-**	**-**	**-**	**-**	**-**	**75.037**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

[(1)] VIRGINIA Class Submarines must maintain a required Platform to Submarine ratio of 0.6 through the FYDP. The variable procurement quantities associated with these items are based on inventory required to maintain this ratio.

[(2)] The variable cost for Auxiliary Equipment is based on platform configuration.

[(3)] Funds beginning in FY 2023 provide for the procurement of materials necessary to modernize VIRGINIA Class Fly-By-Wire (FBW) Ship Control System (SCS) to sustain interfaces and technology baseline with the connecting Government Furnished sub-systems contained in the NPES suite. Increases from FY 2026 to 2027 are required to support additional material ordering and continued vendor qualification activities associated with procurement of upgraded SCS

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0942 / Virginia Class Support Equipment	**Aggregated Items Title:** Virginia Class Support Equipment

hardware on all in-service platforms, which is necessary to ensure continued safe submarine operations. All VIRGINIA Class Submarines must receive this one-time hardware upgrade to address obsolescence Fleet wide in order to remain operable, while continuing software modernization as required. Funds associated with this effort are phased to support procurement lead times based on the iterative development of hardware and software builds, and are aligned with ship maintenance availability schedules.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0942 / Virginia Class Support Equipment	**Modification Number / Title:** 1 / H1RC6 - Major Shore Spares
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	298.960	7.939	8.098	8.260	0.000	8.260	8.425	8.594	8.766	8.941	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	298.960	7.939	8.098	8.260	0.000	8.260	8.425	8.594	8.766	8.941	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**298.960**	**7.939**	**8.098**	**8.260**	**0.000**	**8.260**	**8.425**	**8.594**	**8.766**	**8.941**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Procure equipment and materials necessary to support the VIRGINIA Class submarine program. Materials are as large as rotors and as small as anodes and fasteners. VIRGINIA Class rotatable pool rotors are removed, refurbished, and placed into a pool. There is no set installation schedule as rotors, once available, are installed on subsequent availabilities.

[Propulsor - Rotatable Pool] Procure equipment and materials necessary to support the VIRGINIA Class submarine program. Materials are as large as rotors and as small as anodes and fasteners. VIRGINIA Class rotatable pool rotors are removed, refurbished, and placed into a pool. There is no set installation schedule as rotors, once available, are installed on subsequent availabilities.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0942 / Virginia Class Support Equipment	**Modification Number / Title:** 1 / H1RC6 - Major Shore Spares
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: VA Class Submarine	**Modification Type:** Various	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: H1RC6 - Major Shore Spares												
B Kits												
Non-Recurring												
1.1.1) H1RC6 Prior Years - Organic	- / 172.620	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 172.620
1.1.2) Propulsor - Rotatable Pool - Organic [4]	12 / 85.342	1 / 7.939	1 / 8.098	1 / 8.260	- / -	1 / 8.260	1 / 8.425	1 / 8.594	1 / 8.766	1 / 8.941	Continuing	Continuing
1.1.3) NFPC High Speed Machine - Organic	- / 40.998	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 40.998
Subtotal: Non-Recurring	*- / 298.960*	*- / 7.939*	*- / 8.098*	*- / 8.260*	*- / -*	*- / 8.260*	*- / 8.425*	*- / 8.594*	*- / 8.766*	*- / 8.941*	*Continuing*	*Continuing*
Subtotal: H1RC6 - Major Shore Spares	*12 / 298.960*	*1 / 7.939*	*1 / 8.098*	*1 / 8.260*	*- / -*	*1 / 8.260*	*1 / 8.425*	*1 / 8.594*	*1 / 8.766*	*1 / 8.941*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 298.960*	*- / 7.939*	*- / 8.098*	*- / 8.260*	*- / -*	*- / 8.260*	*- / 8.425*	*- / 8.594*	*- / 8.766*	*- / 8.941*	*Continuing*	*Continuing*
Installation												
Subtotal: Installation	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*
Total												
Total Cost (Procurement + Support + Installation)	**298.960**	**7.939**	**8.098**	**8.260**	**0.000**	**8.260**	**8.425**	**8.594**	**8.766**	**8.941**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0942 / Virginia Class Support Equipment	**Modification Number / Title:** 1 / H1RC6 - Major Shore Spares
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Modification Item 1 of 1: H1RC6 - Major Shore Spares		

Footnotes:

(4) Rotatable Pool increases slightly beyond inflation due to the material volatility of components. Further details can be provided at the appropriate classification level.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0944 / LCS Class Support Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	113.194	5.855	2.551	15.815	0.000	15.815	17.251	17.311	16.671	17.000	-	205.648
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	113.194	5.855	2.551	15.815	0.000	15.815	17.251	17.311	16.671	17.000	-	205.648
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**113.194**	**5.855**	**2.551**	**15.815**	**0.000**	**15.815**	**17.251**	**17.311**	**16.671**	**17.000**	**-**	**205.648**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Littoral Combat Ship (LCS) Class Support Equipment line procures long-lead major end items and the connective equipment necessary to ensure fit and function required for repairs, and associated engineering, technical, and transportation support services for both LCS variants, Freedom and Independence. The items procured increase availability of vital Fleet assets by reducing repair part procurement and delivery times.

LN001 - LCS Spares
This line procures shore-based LCS Class Support Equipment (Spares), ensuring their availability in the event of a failure or major casualty to key ship systems. Spares are major end items available on an as need basis to meet Fleet requirements. Inventory objectives are determined by Reliability, Maintainability, and Availability (RM&A) data, the critical application of equipment, and input from the LCS technical community.

LN002 - LCS Water Jet Spares
This line procures LCS Water Jets and associated propulsion components for both LCS variants. The configurations vary between ships; there are five Water Jet configurations. Water Jet assemblies are designated as Battle Spares and support a rotatable pool for life cycle sustainment.

LN003 - Engineering Services
This line funds engineering, technical and transportation support for LCS Class Support Equipment. Services include the establishment of Technical Data Packages (TDPs), the creation of associated depot level repair parts lists/installation requirements, and transportation services.

LN006 - LCS Ships Class Ancillary Equipment
This funding procures the connective equipment necessary to ensure fit and function of procured LCS Class Support Equipment (Spares) when installed.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0944 / LCS Class Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LCS Class Support Equipment	P-5a			- / 113.194	- / 5.855	- / 2.551	- / 15.815	- / -	- / 15.815
P-40	**Total Gross/Weapon System Cost**				**- / 113.194**	**- / 5.855**	**- / 2.551**	**- / 15.815**	**- / 0.000**	**- / 15.815**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
Funding increase from FY 2026 to FY2027 supports LCS Insurance Spares by procuring one Independence class Main Propulsion Diesel Engine (MPDE) and two Freedom class Ship Service Diesel Generators (SSDG) critical pieces of equipment for LCS Class ships operations.

Mitigation of long lead times for repairs through procurements of adequate Insurance spares using failure data allows for continued progress toward mainstreaming and normalizing LCS platform sustainment.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0944 / LCS Class Support Equipment	**Aggregated Items Title:** LCS Class Support Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) LN001 LCS Battle Spares																				
1.1) SHIPS SERVICE DIESEL GENERATOR (INDEPENDENCE VARIANT)(†)	A		2,703K	7	18.921	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) MT-30 Gas Turbine Engine Ancillary Equipment	A		8,354K	1	8.354	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) TWIN-BOOM EXTENSIBLE CRANE (INDEPENDENCE VARIANT)(†)	A		4,161K	3	12.483	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) SEA GIRAFFE 3D RADAR (INDEPENDENCE VARIANT)(†)	A		2,037K	3	6.110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) MULT. AIRCRAFT NOSE & TAILGEAR INTEGRATED SYS (INDEPENDENCE VARIANT)	A		450,000.00	2	0.900	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) REDUCTION GEAR (FREEDOM VARIANT)	A		13,614K	1	13.614	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) REDUCTION GEAR (INDEPENDENCE VARIANT)	A		6,449K	1	6.449	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.9) SHIPS SERVICE DIESEL GENERATOR (FREEDOM VARIANT)	A		963,000.00	6	5.778	-	-	-	-	-	-	2,402K	2	4.804	-	-	-	2,402K	2	4.804
1.12) Air Conditioning Plant(†)	A		816,000.00	1	0.816	2,593K	2	5.186	-	-	-	-	-	-	-	-	-	-	-	-
1.13) Boat Davit 6 AF	A		2,500K	1	2.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.14) Water Purification (Congressional Add)	A		15,000K	1	15.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.16) Mk-110 Gun Mount(†)	A		10,000K	1	10.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.17) Main Propulsion Diesel Engine (INDEPENDENCE VARIANT)	A		-	-	-	-	-	-	-	-	-	10,628K	1	10.628	-	-	-	10,628K	1	10.628

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0944 / LCS Class Support Equipment	**Aggregated Items Title:** LCS Class Support Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.19) Boat Davits (FRE)	A		-	-	-	-	-	-	2,052K	1	2.052	-	-	-	-	-	-	-	-	-
Subtotal: 1) LN001 LCS Battle Spares			**-**	**-**	***100.925***	**-**	**-**	***5.186***	**-**	**-**	***2.052***	**-**	**-**	***15.432***	**-**	**-**	**-**	**-**	**-**	***15.432***
2) LN002 LCS 6AF Water Jet Spares																				
2.1) WLD 1500 Shaft Assembly	A		397,125.00	8	3.177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) WLD 1720 Shaft Assembly	A		658,250.00	8	5.266	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) LN002 LCS 6AF Water Jet Spares			**-**	**-**	***8.443***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) LN003 Engineering Services (TDPs & installation planning)																				
3.1) Engineering Services (TDPs & installation planning)	A		-	-	2.367	-	-	0.519	-	-	0.499	-	-	0.383	-	-	-	-	-	0.383
Subtotal: 3) LN003 Engineering Services (TDPs & installation planning)			**-**	**-**	***2.367***	**-**	**-**	***0.519***	**-**	**-**	***0.499***	**-**	**-**	***0.383***	**-**	**-**	**-**	**-**	**-**	***0.383***
4) LN006 Ancillary Equipment																				
4.1) Ancillary Equipment	A		-	-	1.459	-	-	0.150	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) LN006 Ancillary Equipment			**-**	**-**	***1.459***	**-**	**-**	***0.150***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**113.194**	**-**	**-**	**5.855**	**-**	**-**	**2.551**	**-**	**-**	**15.815**	**-**	**-**	**-**	**-**	**-**	**15.815**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0944 / LCS Class Support Equipment	Aggregated Items: LCS Class Support Equipment

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1) LN001 LCS Battle Spares												
1.1) SHIPS SERVICE DIESEL GENERATOR (INDEPENDENCE VARIANT)		2023	MTU / GERMANY	C / TBD	SUPSHIP Gulf Coast	Oct 2022	Sep 2025	4	2,362K	N	Mar 2024	
1.4) TWIN-BOOM EXTENSIBLE CRANE (INDEPENDENCE VARIANT)		2024	SUPSHIP Gulf Coast / Pascagoula, MS	C / FFP	NAVSEA	Jul 2024	Oct 2025	1	4,644K	N	Jan 2025	
1.5) SEA GIRAFFE 3D RADAR (INDEPENDENCE VARIANT)		2024	Saab Sensis Corporation / Reston, VA	C / TBD	NAVSEA	Oct 2024	Jun 2028	1	2,397K	N	Jul 2024	
1.12) Air Conditioning Plant		2025	Johnson Controls / Norman, OK	C / TBD	SUPSHIP Gulf Coast	Aug 2025	Jan 2027	2	2,593K	N	Oct 2024	Jun 2025
1.16) Mk-110 Gun Mount		2024	NAVSEA / Washington, DC	C / TBD	NAVSEA	Jul 2024	Jul 2026	1	10,000K	N	Jul 2024	May 2024

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0945 / Submarine Batteries

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	225.482	30.470	28.169	26.211	0.000	26.211	27.676	24.291	24.774	25.264	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	225.482	30.470	28.169	26.211	0.000	26.211	27.676	24.291	24.774	25.264	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**225.482**	**30.470**	**28.169**	**26.211**	**0.000**	**26.211**	**27.676**	**24.291**	**24.774**	**25.264**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This program procures replacement of Valve Regulated Lead Acid (VRLA) batteries for all classes of submarines (LOS ANGELES, SEAWOLF, OHIO SSBN/SSGNs and VIRGINIA) as well as funds and manages the production engineering efforts for the In-Service Engineering Agent (ISEA) at NSWC Crane.

FY 2027 funding supports the procurement of replacement Valve Regulated Lead Acid (VRLA) batteries for LOS ANGELES (4); OHIO (5); VIRGINIA (12); and associated production engineering.

Submarines utilize a Main Storage Battery that provides an immediately available source of backup power that is vital to maintaining ship and reactor plant safety. Submarines with insufficient battery capacity cannot deploy, use the reactor, or operate at-sea. Batteries have a finite life and are consumables; periodic replacements of the battery are incorporated into the maintenance plan for all submarines and are scheduled to minimize the impact to submarine force operational availability.
The present geopolitical environment has necessitated Combatant Commanders placing high demands on the submarine force for strategic deterrence, force protection and especially sensitive ISR (Intelligence, Surveillance, and Reconnaissance) missions. The procurement and maintaining of submarine batteries is a pillar that keeps the fleet ready to meet operational commitments.
Yearly battery procurement costs are based on fixed, per-cell costs defined by a multi-year Firm Fixed Price contract in effect from FY23-FY28. The quantity of cells required and mix of cell types varies yearly as a function of fleet requirements; consequently, overall battery procurement cost varies despite fixed baseline cell pricing.

HM002, HM008, HM009, and HM010 reflect the battery procurement quantities and costs for LOS ANGELES, OHIO, SEAWOLF, and VIRGINIA class submarines respectively. Yearly procurement quantities are projected from the expected average service life of historical batteries. Funding supports procurement the average replacement requirement of 20 battery ship sets each year, though individual yearly quantity varies based on fleet operational requirements.

The budget lines also procure battery installation tray sets that are required for all installed batteries. Tray sets are procured during conversion and new construction but must be removed, inspected, and reinstalled during shipboard battery replacement. Procurement of additional shipsets greatly improves battery replacement logistics, enabling schedule flexibility and quick adaption to fleet timelines.

HM830 Production Engineering funds Naval Surface Warfare Center (NSWC) Crane as the Acquisition Engineering Agent (AEA) and In-Service Engineering Agent (ISEA). NSWC Crane is responsible for leading a Government & Industry Root Cause Analysis Team to identify and address battery performance issues, provide corrective actions to operational submarines regarding batteries, and conducting qualification testing of delivered VRLA batteries. NSWC Crane's analyses supports improvements to design and operating procedures aimed at increased battery life, reliability, and predictability.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0945 / Submarine Batteries	
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Funding provided to Puget Sound and Portsmouth Naval Shipyards includes responsibilities for the VRLA battery inventory management, maintenance, and storage.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0945 / Submarine Batteries

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Equipment	P-5a			- / 225.482	- / 30.470	- / 28.169	- / 26.211	- / -	- / 26.211
P-40	**Total Gross/Weapon System Cost**				**- / 225.482**	**- / 30.470**	**- / 28.169**	**- / 26.211**	**- / 0.000**	**- / 26.211**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 funding supports the procurement of replacement Valve Regulated Lead Acid (VRLA) batteries for LOS ANGELES (4); OHIO (5); VIRGINIA (12); and associated production engineering.

Funding decreased from FY26 to FY27 due to Department balancing reductions.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0945 / Submarine Batteries	Aggregated Items Title: Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) HM002 - LOS ANGELES Class Main Storage Battery																				
1.1) LA VRLA Battery Storage Boosting Packaging (1)(†)	A		678,918.92	37	25.120	838,000.00	5	4.190	875,000.00	5	4.375	913,000.00	3	2.739	-	-	-	913,000.00	3	2.739
1.2) LA Class VRLA Installation Tray (2)	A		164,000.00	3	0.492	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) Replacement Cells	A		-	-	0.188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) LA Class VRLA Installation Material	A		-	-	0.671	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) HM002 - LOS ANGELES Class Main Storage Battery			**-**	**-**	***26.471***	**-**	**-**	***4.190***	**-**	**-**	***4.375***	**-**	**-**	***2.739***	**-**	**-**	**-**	**-**	**-**	***2.739***
2) HM008 - OHIO Class Main Storage Battery																				
2.1) OH VRLA Battery Storage Boosting Packaging (3)(†)	A		1,082K	33	35.719	1,310K	5	6.550	1,372K	4	5.488	1,442K	4	5.768	-	-	-	1,442K	4	5.768
2.2) OH VRLA Installation Tray (4)	A		1,349K	1	1.349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) HM008 - OHIO Class Main Storage Battery			**-**	**-**	***37.068***	**-**	**-**	***6.550***	**-**	**-**	***5.488***	**-**	**-**	***5.768***	**-**	**-**	**-**	**-**	**-**	***5.768***
3) HM009 - SEAWOLF Class Main Storage Battery																				
3.1) SW VRLA Battery Storage Boosting Packaging (5)(†)	A		695,000.00	4	2.780	794,000.00	2	1.588	842,000.00	1	0.842	-	-	-	-	-	-	-	-	-
Subtotal: 3) HM009 - SEAWOLF Class Main Storage Battery			**-**	**-**	***2.780***	**-**	**-**	***1.588***	**-**	**-**	***0.842***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) HM010 - VIRGINIA Class Main Storage Battery																				
4.1) VA VRLA Battery Storage Boosting Packaging (6)(†)	A		746,810.81	37	27.632	880,000.00	8	7.040	928,000.00	11	10.208	978,000.00	12	11.736	-	-	-	978,000.00	12	11.736
4.2) VA VRLA Installation Tray (7)(†)	A		838,000.00	4	3.352	-	-	-	996,000.00	1	0.996	-	-	-	-	-	-	-	-	-
Subtotal: 4) HM010 - VIRGINIA Class Main Storage Battery			**-**	**-**	***30.984***	**-**	**-**	***7.040***	**-**	**-**	***11.204***	**-**	**-**	***11.736***	**-**	**-**	**-**	**-**	**-**	***11.736***
5) HM830 - Production Engineering / Test Equipment/ SUBEC / ABMS Tech Refresh																				
5.1) Production Engineering	A		-	-	112.422	-	-	11.102	-	-	6.260	-	-	5.968	-	-	-	-	-	5.968
5.2) Battery Installation Test Equipment/Fixtures	B		-	-	1.101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.3) Submarine Battery Evaluation Center (SUBBEC)	A		-	-	8.635	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0945 / Submarine Batteries	Aggregated Items Title: Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
5.4) Battery Monitoring Sys (ABMS /BCMS/ BMS)	A		-	-	6.021	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5) HM830 - Production Engineering / Test Equipment/ SUBEC / ABMS Tech Refresh			**-**	**-**	***128.179***	**-**	**-**	***11.102***	**-**	**-**	***6.260***	**-**	**-**	***5.968***	**-**	**-**	**-**	**-**	**-**	***5.968***
Total			**-**	**-**	**225.482**	**-**	**-**	**30.470**	**-**	**-**	**28.169**	**-**	**-**	**26.211**	**-**	**-**	**-**	**-**	**-**	**26.211**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Footnotes:

(1) 1.1 VRLA battery unit costs reflect the costs in the existing commercial dual vendor contract. The actual costs vary by procurement FY, class type, vendor, procurement quantity, boosting intervals, packaging and storage duration. The Battery shipset prices are based on cell quantities and there is opportunity for price reductions per battery if purchased in bulk quantities.

(2) 1.2 Shipping/installation trays are discrete purchases on a separate line from the battery shipsets. Shipping/installation trays are required for battery installation and provide more protection and efficiency into battery shipset logistics.

(3) 2.1 Refer to footnote 1

(4) 2.2 Refer to footnote 2

(5) 3.1 Refer to footnote 1

(6) 4.1 Refer to footnote 1

(7) 4.2 Refer to footnote 2

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0945 / Submarine Batteries	Aggregated Items: Equipment

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1) HM002 - LOS ANGELES Class Main Storage Battery												
1.1) LA VRLA Battery Storage Boosting Packaging (1)		2023	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith , AR	C / IDIQ	NSWC CRANE	Feb 2023	Feb 2024	4	765,000.00	Y		
1.1) LA VRLA Battery Storage Boosting Packaging (1)		2024	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith , AR	C / IDIQ	NSWC CRANE	Feb 2024	Feb 2025	3	803,000.00	Y		
1.1) LA VRLA Battery Storage Boosting Packaging (1)		2025	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith , AR	C / IDIQ	NSWC CRANE	Feb 2025	Feb 2026	5	838,000.00	Y		
1.1) LA VRLA Battery Storage Boosting Packaging (1)		2026	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith , AR	C / TBD	NSWC CRANE	Feb 2026	Feb 2027	5	875,000.00	Y		
1.1) LA VRLA Battery Storage Boosting Packaging (1)		2027	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith , AR	C / TBD	NSWC CRANE	Feb 2027	Feb 2028	3	913,000.00	N		
2) HM008 - OHIO Class Main Storage Battery												
2.1) OH VRLA Battery Storage Boosting Packaging (3)		2023	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / IDIQ	NSWC CRANE	Feb 2023	Feb 2024	3	1,186K	Y		
2.1) OH VRLA Battery Storage Boosting Packaging (3)		2024	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / IDIQ	NSWC CRANE	Feb 2024	Feb 2025	8	1,239K	Y		
2.1) OH VRLA Battery Storage Boosting Packaging (3)		2025	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / IDIQ	NSWC CRANE	Feb 2025	Feb 2026	5	1,310K	Y		
2.1) OH VRLA Battery Storage Boosting Packaging (3)		2026	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / TBD	NSWC CRANE	Feb 2026	Feb 2027	4	1,372K	Y		
2.1) OH VRLA Battery Storage Boosting Packaging (3)		2027	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / TBD	NSWC CRANE	Feb 2027	Feb 2028	4	1,442K	N		
3) HM009 - SEAWOLF Class Main Storage Battery												
3.1) SW VRLA Battery Storage Boosting Packaging (5)		2025	ENERSYS / Warrensburg, MO	C / IDIQ	NSWC CRANE	Feb 2025	Feb 2026	2	794,000.00	Y		
3.1) SW VRLA Battery Storage Boosting Packaging (5)		2026	ENERSYS / Warrensburg, MO	C / TBD	NSWC CRANE	Feb 2026	Feb 2027	1	842,000.00	Y		
4) HM010 - VIRGINIA Class Main Storage Battery												
4.1) VA VRLA Battery Storage Boosting Packaging (6)		2023	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / IDIQ	NSWC CRANE	Feb 2023	Feb 2024	9	801,900.00	Y		
4.1) VA VRLA Battery Storage Boosting Packaging (6)		2024	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / IDIQ	NSWC CRANE	Feb 2024	Feb 2025	8	834,000.00	Y		
4.1) VA VRLA Battery Storage Boosting Packaging (6)		2025	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / IDIQ	NSWC CRANE	Feb 2025	Feb 2026	8	880,000.00	Y		

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0945 / Submarine Batteries	Aggregated Items: Equipment

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
4.1) VA VRLA Battery Storage Boosting Packaging [6]		2026	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / TBD	NSWC CRANE	Feb 2026	Feb 2027	11	928,000.00	Y		
4.1) VA VRLA Battery Storage Boosting Packaging [6]		2027	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / TBD	NSWC CRANE	Feb 2027	Feb 2028	12	978,000.00	N		
4.2) VA VRLA Installation Tray [7]		2024	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / IDIQ	NSWC CRANE	Feb 2024	Feb 2025	1	916,000.00	Y		
4.2) VA VRLA Installation Tray [7]		2026	ENERSYS & GNB (Exide) / Warrensburg, MO & Ft. Smith, AR	C / IDIQ	NSWC CRANE	Feb 2026	Feb 2027	1	996,000.00	N		

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	496.171	45.738	96.542	213.723	0.000	213.723	216.472	206.673	212.614	216.792	701.828	2,406.553
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	496.171	45.738	96.542	213.723	0.000	213.723	216.472	206.673	212.614	216.792	701.828	2,406.553
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**496.171**	**45.738**	**96.542**	**213.723**	**0.000**	**213.723**	**216.472**	**206.673**	**212.614**	**216.792**	**701.828**	**2,406.553**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	9.108	9.874	-	-	-	18.982
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This budget provides funding for the in service LPD 17 Class program support equipment. Funding is required to upgrade mission critical electronics and Hull Mechanical & Engineering (HM&E) systems including the Engineering Control Systems (ECS), Ship Control Systems (SCS), Degaussing Systems, Shipboard Wide-Area Network (SWAN), commercial software products for ECS, SCS, Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) and Administrative Communications for Legacy Modernization and LPD 17 Class Midlife Modernization commencing in FY2028, with two-year ahead of availability funding requirements starting in FY2026. Ship Installation Drawings (SIDs) funding and tasking are now required at A-2 years of CNO availability start date, vice A-1 years due to contracting milestones requiring pre-solicitation variables to be finalized.

[P40A / CJ010 - Schoolhouse TTE]: CJ010 - SCHOOLHOUSE TTE
Funding for Schoolhouse Technical Training Equipment (TTE) is for the infrastructure and equipment to set up the schoolhouses for multiple systems such as ECS and SCS 60Hz and Ship Service Diesel Generators (SSDG). The schoolhouses will provide critical training to sailors in operation and maintenance of those systems.

[P40A / CJ020 - Shore Based Spares]: CJ020 SHORE BASED SPARES
Shore-Based Spares are critical long lead time items that are staged shore-side in the event of a catastrophic failure on an operational ship. These spares must be periodically replenished as assets are utilized. Furthermore, as the LPD 17 Class continues to introduce new ships (additional) to the fleet, the number of spare requirements increases as additional items are added to the spares list to support newer shipboard configurations.

[P40A / CJ080 Conjunctive HM&E AIT]: CJ080 CONJUNCTIVE HM&E ALTERATIONS
Conjunctive HM&E Alterations includes design integration, equipment procurement, recurring equipment engineering, equipment integration and Integrated Logistics Services (ILS).

[P40A / CJ081 - Navy Common Actuators]: CJ081 Navy Common Actuator Development Program
Congressionally enacted requirement for Navy Common Actuator solution and supportability for the Class.

[P40A / CJ035 - HM&E CONDITION SYSTEM]: CJ035 HULL, MECHANICAL AND ELECTRICAL CONDITION SYSTEM

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	P-1 Line Item Number / Title: 0946 / LPD Class Support Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

This solution proposed would implement a Defense-in-Depth Functional Implementation Architecture (DFIA) and meet the requirements of the standards released by the Information Assurance Technical Authority Board (IA TAB) across all the H,M&E systems deploying the ability to protect, detect, react, and restore in a contested environment. The HM&E Condition System will monitor the signals on the HM&E network, both between HM&E systems and also those coming from other functional domains.

[P40A / CJ090 - LPD17 Class Mid-life Modernization (ExMOD)]: CJ090 LPD 17 CLASS MID-LIFE MODERNIZATION
Conduct Mid-Life modernization on LPD 17 Class Ships in order to ensure they are ready, relevant, and capable of reaching their 40+ year Expected Service Life.

[P40A / CJ091-ECS PIMCS/SCS GOV]: CJ091 - ECS PIMCS - SCS Gov
Implementation of system upgrades to address the need for a common, sustainable and reliable ECS and SCS across LPD ships which will address obsolescence issues, improve circuit card reliability, reduce circuit card costs, increase cybersecurity posture and provide commonality in steering systems among surface ships.

[P3A / CJ030 - HW/SW Obsolescence]: CJ030, CJ032 LPD 17 Hardware/Software HW/SW Obsolescence effort addresses critical hardware obsolescence and technology refreshment issues and supporting class upgrades focused on increased capability and reliability.

[P3A - 2 / CJ040 HM&E Electrical Modifications]: CJ040 HM&E ELECTRICAL MODIFICATIONS HM&E Modernization funding is provided to correct mission, safety and reliability issues on electrical systems and ultimately resolve maintenance intensive system concerns.

[P3A - 3 / CJ050 - HM&E Survivability Modifications]: CJ050 HM&E SURVIVABILITY MODIFICATIONS HM&E Modernization funding is provided to correct mission, safety and reliability issues on HM&E systems (impacting ship survivability) and ultimately resolve maintenance intensive system concerns.

[P3A - 4 / CJ060 - HM&E Mechanical/Auxiliary Modifications]: CJ060, CJ061, CJ062, CJ063 HM&E MECHANICAL/AUXILIARY MODIFICATIONS HM&E Modernization funding is provided to correct mission, safety and reliability issues on mechanical and auxiliary systems and ultimately resolve maintenance intensive system concerns.

[P3A - 5 / CJ070 SWAN-CANES Integration]: CJ070 SWAN-CANES Integration
SWAN serves as the backbone of the LPD 17 class and funding is necessary to address obsolescence, reliability issues, performance concerns, emergent Fleet requirements including enabling Cryptologic Log On (CLO), removing unsupported software, replacing aging obsolete network hardware (e.g., servers and core switches), and maintaining the Information Assurance posture of the Common Operating Environment (COE), with Consolidated Afloat Networks and Enterprise Services (CANES).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LPD Class Support Equipment				- / 98.177	- / 24.965	- / 50.899	- / 182.762	- / -	- / 182.762
P-3a	1 / CJ030 - HW/SW Obsolescence (TBD)				- / 65.046	- / 0.600	- / 6.036	- / 3.339	- / 0.000	- / 3.339
P-3a	2 / CJ040 HM&E Electrical Modifications (TBD)				- / 31.068	- / 1.493	- / 1.061	- / 3.097	- / 0.000	- / 3.097
P-3a	3 / CJ050 - HM&E Survivability Modifications (TBD)				- / 7.450	- / 0.029	- / 2.022	- / 1.354	- / 0.000	- / 1.354
P-3a	4 / CJ060 - HM&E Mechanical/Auxiliary Modifications (TBD)				- / 94.797	- / 0.813	- / 1.190	- / 1.970	- / 0.000	- / 1.970
P-3a	5 / CJ070 SWAN-CANES Integration (TBD)				- / 95.309	- / 4.924	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	6 / CJ032 HW/SW Obsolescence Wireless Portable Communications Main Site Upgrades (TBD)				- / 18.528	- / 1.626	- / 2.860	- / 0.877	- / 0.000	- / 0.877
P-3a	7 / CJ061 Titanium Valve Replacement (TBD)				- / 34.886	- / 0.880	- / 5.813	- / 0.024	- / 0.000	- / 0.024
P-3a	8 / CJ062 HM&E Mechanical/Auxiliary Mods Knuckleboom Crane Improvements (TBD)				- / 9.142	- / 0.591	- / 0.907	- / 0.000	- / 0.000	- / 0.000
P-3a	9 / CJ063 HM&E Mechanical/Auxiliary Mod Common Fuel Rail (TBD)				- / 41.768	- / 9.817	- / 25.754	- / 20.300	- / 0.000	- / 20.300
P-40	**Total Gross/Weapon System Cost**				**- / 496.171**	**- / 45.738**	**- / 96.542**	**- / 213.723**	**- / 0.000**	**- / 213.723**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LPD Class Support Equipment				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / CJ030 - HW/SW Obsolescence (TBD)				- / 6.431	- / 2.189	- / 0.777	- / 0.794	- / 1.636	- / 86.848
P-3a	2 / CJ040 HM&E Electrical Modifications (TBD)				- / 4.599	- / 3.195	- / 2.921	- / 3.078	- / 0.649	- / 51.161
P-3a	3 / CJ050 - HM&E Survivability Modifications (TBD)				- / 5.248	- / 1.820	- / 0.000	- / 0.000	- / 0.000	- / 17.923
P-3a	4 / CJ060 - HM&E Mechanical/Auxiliary Modifications (TBD)				- / 4.379	- / 0.219	- / 0.669	- / 0.000	- / 0.000	- / 104.037
P-3a	5 / CJ070 SWAN-CANES Integration (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 100.233
P-3a	6 / CJ032 HW/SW Obsolescence Wireless Portable Communications Main Site Upgrades (TBD)				- / 3.916	- / 9.099	- / 4.086	- / 3.383	- / 5.592	- / 49.967
P-3a	7 / CJ061 Titanium Valve Replacement (TBD)				- / 2.013	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 43.616
P-3a	8 / CJ062 HM&E Mechanical/Auxiliary Mods Knuckleboom Crane Improvements (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 10.640
P-3a	9 / CJ063 HM&E Mechanical/Auxiliary Mod Common Fuel Rail (TBD)				- / 17.314	- / 3.631	- / 14.175	- / 0.007	- / 18.317	- / 151.083
P-40	**Total Gross/Weapon System Cost**				**- / 216.472**	**- / 206.673**	**- / 212.614**	**- / 216.792**	**- / 701.828**	**- / 2,406.553**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

The FY 2026 budget for 0946, LPD CLASS SUPPORT EQUIPMENT, includes $96,542 thousand of discretionary funding and $29,000 thousand of mandatory funding for a total of $125,542 thousand. The mandatory funds supported AMPHIB modernization, LPD availability procurements and LPD Midlife availabilities.

The FY2027 increase of $117.181M from FY2026 $96.542M to FY2027 $213.723M is due to continued LPD 17 Class Midlife Modernization requirements supporting LPD18's FY2028 Midlife CNO availability and the addition of LPD20's FY2029 Midlife CNO availability. Funding is required up to two years ahead of the availability to account for LPD18 & LPD20 Ship Checks, Ship Installation Drawings (SIDs), and Long Lead Time Material procurements in support of their Midlife packages.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Aggregated Items Title:** LPD Class Support Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) CJ010 - Schoolhouse TTE																				
1.1) CJ010-Schoolhouse TTE	A		-	-	1.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) CJ010 - Schoolhouse TTE			**-**	**-**	***1.200***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) CJ020 - Shore Based Spares																				
2.1) CJ020-Shore Based Spares (1)	A		-	-	32.377	-	-	5.000	-	-	-	-	-	2.000	-	-	-	-	-	2.000
Subtotal: 2) CJ020 - Shore Based Spares			**-**	**-**	***32.377***	**-**	**-**	***5.000***	**-**	**-**	**-**	**-**	**-**	***2.000***	**-**	**-**	**-**	**-**	**-**	***2.000***
3) CJ080 Conjunctive HM&E AIT																				
3.1) CJ080-Conjunctive HM&E Alterations (2)	A		-	-	32.383	-	-	8.653	-	-	1.588	-	-	5.664	-	-	-	-	-	5.664
Subtotal: 3) CJ080 Conjunctive HM&E AIT			**-**	**-**	***32.383***	**-**	**-**	***8.653***	**-**	**-**	***1.588***	**-**	**-**	***5.664***	**-**	**-**	**-**	**-**	**-**	***5.664***
4) CJ081 - Navy Common Actuators																				
4.1) CJ081-Navy Common Actuators	A		-	-	5.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) CJ081 - Navy Common Actuators			**-**	**-**	***5.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5) CJ035 - HM&E CONDITION SYSTEM																				
5.1) CJ035-HM&E CONDITION SYSTEM (3)	A		-	-	14.748	-	-	4.810	-	-	2.213	-	-	6.977	-	-	-	-	-	6.977
Subtotal: 5) CJ035 - HM&E CONDITION SYSTEM			**-**	**-**	***14.748***	**-**	**-**	***4.810***	**-**	**-**	***2.213***	**-**	**-**	***6.977***	**-**	**-**	**-**	**-**	**-**	***6.977***
6) CJ090 - LPD17 Class Mid-life Modernization (ExMOD)																				
6.1) CJ090 - LPD17 Class Mid-life Modernization (ExMOD) (4)	A		-	-	12.469	-	-	6.502	-	-	28.298	-	-	168.121	-	-	-	-	-	168.121
Subtotal: 6) CJ090 - LPD17 Class Mid-life Modernization (ExMOD)			**-**	**-**	***12.469***	**-**	**-**	***6.502***	**-**	**-**	***28.298***	**-**	**-**	***168.121***	**-**	**-**	**-**	**-**	**-**	***168.121***
7) CJ091-ECS PIMCS/SCS GOV																				
7.1) CJ091-ECS PIMCS/SCS GOV (5)	A		-	-	-	-	-	-	-	-	18.800	-	-	-	-	-	-	-	-	-
Subtotal: 7) CJ091-ECS PIMCS/SCS GOV			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***18.800***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**98.177**	**-**	**-**	**24.965**	**-**	**-**	**50.899**	**-**	**-**	**182.762**	**-**	**-**	**-**	**-**	**-**	**182.762**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Aggregated Items Title:** LPD Class Support Equipment

Footnotes:

(1) CJ020 Shore Based Spares: Shore-Based Spares are critical long lead time items that are staged shore-side in the event of a catastrophic failure on an operational ship. These spares must be periodically replenished as assets are utilized. Furthermore, as the LPD 17 Class continues to introduce new ships (additional) to the fleet, the number of spare requirements increases as additional items are added to the spares list to support newer shipboard configurations. Remaining funding amount applied to this line may vary depending on the funding amounts needed to support program requirements. The program has a running list of 340+ line items in support of spare needs. Priorities of procurements are determined based on funding available and timeline urgency. FY26 requirement depletion is due to budget reductions.

(2) CJ080 Conjunctive HM&E Alterations: The FY2027 funding Increase re-stabilizes the conjunctive requirement as FY 2026 funding decrease is due to historical budget reductions. Conjunctive HM&E Alterations includes design integration, equipment procurement, recurring equipment engineering, equipment integration and Integrated Logistics Services (ILS).

(3) CJ035 HM&E Condition System: FY 2027 funding Increase is due to additional LLTM material procurements in support of FY2028 CNO availabilities, and additional FY 2027 Installations.

(4) CJ090 LPD17 Class Mid-life: FY26 to FY27 cost increase reflects the addition of LPD20's FY29 CNO availability A-2 year Shipchecks, and long lead time material procurement requirements in addition to ongoing LPD18. FY28 CNO pre avail Design Service Agent (DSA) requirements including Ship Installation Drawings (SIDs) & Integrated Logistic Support (ILS). LPD 17 CLASS MID-LIFE MODERNIZATION supports Class requirements and lethality for Extended Service Life (ESL).

(5) CJ091 ECS PIMCS/SCS GOV: The FY 2026 funding increase is due to engineering and first planned procurement in support of first planned implementation. Implementation of system upgrades to address the need for a common, sustainable and reliable ECS and SCS across LPD ships which will address obsolescence issues, improve circuit card reliability, reduce circuit card costs, increase cybersecurity posture and provide commonality in steering systems among surface ships. The FY2027 funding Decrease is due to no additional funding to support requirement.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 1 / CJ030 - HW/SW Obsolescence
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	65.046	0.600	6.036	3.339	0.000	3.339	6.431	2.189	0.777	0.794	1.636	86.848
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	65.046	0.600	6.036	3.339	0.000	3.339	6.431	2.189	0.777	0.794	1.636	86.848
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**65.046**	**0.600**	**6.036**	**3.339**	**0.000**	**3.339**	**6.431**	**2.189**	**0.777**	**0.794**	**1.636**	**86.848**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

HW/SW Obsolescence (CJ030) includes funding for procurement and installation of equipment to correct critical obsolescence issues on LPD17 Class mission systems. Resolves operational and obsolescence issues. Replaces current split controllers, resolves rack cooling, modifies loudspeaker cable plant, and provides commonality and system architecture and hardware.

[CJ030-HW/SW Obsolescence] HW/SW Obsolescence effort addresses hardware obsolescence/technology refreshment issues, and class upgrades focused on increased capabilities, force protection, and safety.

Shipsets of equipment vary in quantities and types of components each fiscal year and within fiscal years. Each ship requires a different number of alterations to be installed, and alteration packages vary in scope and cost based on individual ship configurations. A quantity of "1" represents a single "kit" intended for installation in one ship, in a single Chief of Naval Operations (CNO) Availability. Ships may be receiving more than 1 kit in a single availability based upon the fielding plan for the systems being modernized. DSA costs will also vary by kit due to differences in scope and complexity, and first installation compared to follow-on installations.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 1 / CJ030 - HW/SW Obsolescence
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: HW/SW Obsolescence	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CJ030 - HW/SW Obsolescence												
B Kits												
Recurring												
1.1.1) CJ030-HW/SW Obsolescence - NonOrganic [6]	122 / 27.801	1 / 0.375	2 / 0.353	4 / 1.185	- / -	4 / 1.185	4 / 0.722	1 / 0.192	2 / 0.382	- / -	1 / 1.629	137 / 32.639
Subtotal: Recurring	*- / 27.801*	*- / 0.375*	*- / 0.353*	*- / 1.185*	*- / -*	*- / 1.185*	*- / 0.722*	*- / 0.192*	*- / 0.382*	*- / -*	*- / 1.629*	*- / 32.639*
Subtotal: CJ030 - HW/SW Obsolescence	*122 / 27.801*	*1 / 0.375*	*2 / 0.353*	*4 / 1.185*	*- / -*	*4 / 1.185*	*4 / 0.722*	*1 / 0.192*	*2 / 0.382*	*- / -*	*1 / 1.629*	*137 / 32.639*
Subtotal: Procurement, All Modification Items	*- / 27.801*	*- / 0.375*	*- / 0.353*	*- / 1.185*	*- / -*	*- / 1.185*	*- / 0.722*	*- / 0.192*	*- / 0.382*	*- / -*	*- / 1.629*	*- / 32.639*
Support *(All Modification Items)*												
2.1) CJ030 Non-Recurring Engineering	- / 0.330	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.330
Subtotal: Support	*- / 0.330*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 0.330*
Installation												
Modification Item 1 of 1: CJ030 - HW/SW Obsolescence	- / 36.915	- / 0.225	- / 5.683	- / 2.154	- / 0.000	- / 2.154	- / 5.709	- / 1.997	- / 0.395	- / 0.794	- / 0.007	- / 53.879
Subtotal: Installation	*- / 36.915*	*- / 0.225*	*- / 5.683*	*- / 2.154*	*- / -*	*- / 2.154*	*- / 5.709*	*- / 1.997*	*- / 0.395*	*- / 0.794*	*- / 0.007*	*- / 53.879*
Total												
Total Cost (Procurement + Support + Installation)	**65.046**	**0.600**	**6.036**	**3.339**	**0.000**	**3.339**	**6.431**	**2.189**	**0.777**	**0.794**	**1.636**	**86.848**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 1 / CJ030 - HW/SW Obsolescence
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: CJ030 - HW/SW Obsolescence

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Jun 2025	Mar 2026	Dec 2026	Dec 2027	Dec 2028		
Delivery Dates	Jun 2026	Mar 2027	Dec 2027	Dec 2028	Dec 2029		

Installation Information

Method of Implementation: AIT:: Installation Name: CJ030-HW/SW Obsolescence

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	117 / 36.915	1 / 0.122	4 / 5.055	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	122 / 42.092
FY 2025	- / -	0 / 0.103	- / -	1 / 0.704	0 / 0.000	1 / 0.704	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.807
FY 2026	- / -	- / -	0 / 0.012	2 / 0.718	0 / 0.000	2 / 0.718	- / -	- / -	- / -	- / -	0 / 0.000	2 / 0.730
FY 2027	- / -	- / -	0 / 0.616	0 / 0.018	0 / 0.000	0 / 0.018	4 / 5.463	- / -	- / -	- / -	0 / 0.000	4 / 6.097
FY 2028	- / -	- / -	- / -	0 / 0.714	0 / 0.000	0 / 0.714	0 / 0.025	4 / 1.541	- / -	- / -	0 / 0.000	4 / 2.280
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.221	0 / 0.006	1 / 0.382	- / -	0 / 0.000	1 / 0.609
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.450	0 / 0.013	2 / 0.794	0 / 0.000	2 / 1.257
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.007	1 / 0.007
Total	117 / 36.915	1 / 0.225	4 / 5.683	3 / 2.154	0 / 0.000	3 / 2.154	4 / 5.709	4 / 1.997	1 / 0.395	2 / 0.794	1 / 0.007	137 / 53.879

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	117	1	-	-	-	-	1	-	3	-	-	3	-	3	-	1	-	2	1	1	-	1	-	-	-	-	2	-	-	1	137
Out	113	2	-	1	1	-	1	-	-	-	-	-	-	-	4	-	-	-	4	2	-	-	1	-	-	-	1	-	-	7	137

Footnotes:

(6) FY27 installation funding supports: (1) installation on LPD 26, which was shifted from an FY26 availability into FY27; (2) installations of new Fire Alarm Control Panel (FACP) system on LPD 23 (1) and LPD 27 (1) during CNO availabilities. FY27 procurement funding supports: (4) kits procured for installations on FY28 CNO Availabilities for LPD 18 (2 kits), LPD 19 (1 kit), and LPD 24 (1 kit). Each ship requires a different number of alterations to be installed, and these alteration packages vary in scope and cost based on individual ship configurations. A quantity of "1" represents a single "kit" intended for installation in one ship,

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 1 / CJ030 - HW/SW Obsolescence
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

in a single CNO Availability. Ships may be receiving more than 1 kit in a single availability based upon the fielding plan for the systems being modernized. HW/SW Obsolescence requirements are subject to changes in CNO ship availability schedule.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0946 / LPD Class Support Equipment	Modification Number / Title: 2 / CJ040 HM&E Electrical Modifications
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	31.068	1.493	1.061	3.097	0.000	3.097	4.599	3.195	2.921	3.078	0.649	51.161
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	31.068	1.493	1.061	3.097	0.000	3.097	4.599	3.195	2.921	3.078	0.649	51.161
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**31.068**	**1.493**	**1.061**	**3.097**	**0.000**	**3.097**	**4.599**	**3.195**	**2.921**	**3.078**	**0.649**	**51.161**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
HM&E Modernization funding is provided to correct mission, safety and reliability issues on electrical systems and ultimately resolve maintenance intensive system concerns.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 2 / CJ040 HM&E Electrical Modifications
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: HM&E Electrical Modifications	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CJ040 HM&E Electrical Modifications												
B Kits												
Recurring												
1.1.1) CJ040 - HM&E Electrical Upgrades - NonOrganic (7)	10 / 12.974	- / -	- / -	3 / 2.470	- / -	3 / 2.470	3 / 1.481	1 / 0.504	4 / 2.055	1 / 0.524	- / -	22 / 20.008
Subtotal: Recurring	*- / 12.974*	*- / -*	*- / -*	*- / 2.470*	*- / -*	*- / 2.470*	*- / 1.481*	*- / 0.504*	*- / 2.055*	*- / 0.524*	*- / 0.000*	*- / 20.008*
Subtotal: CJ040 HM&E Electrical Modifications	*10 / 12.974*	*- / -*	*- / -*	*3 / 2.470*	*- / -*	*3 / 2.470*	*3 / 1.481*	*1 / 0.504*	*4 / 2.055*	*1 / 0.524*	*- / -*	*22 / 20.008*
Subtotal: Procurement, All Modification Items	*- / 12.974*	*- / -*	*- / -*	*- / 2.470*	*- / -*	*- / 2.470*	*- / 1.481*	*- / 0.504*	*- / 2.055*	*- / 0.524*	*- / 0.000*	*- / 20.008*
Installation												
Modification Item 1 of 1: CJ040 HM&E Electrical Modifications	- / 18.094	- / 1.493	- / 1.061	- / 0.627	- / 0.000	- / 0.627	- / 3.118	- / 2.691	- / 0.866	- / 2.554	- / 0.649	- / 31.153
Subtotal: Installation	*- / 18.094*	*- / 1.493*	*- / 1.061*	*- / 0.627*	*- / -*	*- / 0.627*	*- / 3.118*	*- / 2.691*	*- / 0.866*	*- / 2.554*	*- / 0.649*	*- / 31.153*
Total												
Total Cost (Procurement + Support + Installation)	**31.068**	**1.493**	**1.061**	**3.097**	**0.000**	**3.097**	**4.599**	**3.195**	**2.921**	**3.078**	**0.649**	**51.161**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 2 / CJ040 HM&E Electrical Modifications
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: CJ040 HM&E Electrical Modifications

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates			Dec 2026	Dec 2027	Dec 2028	Jan 2030	
Delivery Dates			Dec 2027	Dec 2028	Dec 2029	Jan 2031	

Installation Information

Method of Implementation: AIT:: Installation Name: CJ040 - HM&E Electrical Upgrades

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	9 / 18.094	1 / 1.493	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	10 / 19.587
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	0 / 1.061	0 / 0.015	0 / 0.000	0 / 0.015	3 / 2.891	- / -	- / -	- / -	0 / 0.000	3 / 3.967
FY 2028	- / -	- / -	- / -	0 / 0.612	0 / 0.000	0 / 0.612	0 / 0.019	3 / 1.836	- / -	- / -	0 / 0.000	3 / 2.467
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.208	0 / 0.006	1 / 0.624	- / -	0 / 0.000	1 / 0.838
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.849	0 / 0.026	4 / 2.547	0 / 0.000	4 / 3.422
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.216	0 / 0.007	1 / 0.649	1 / 0.872
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	9 / 18.094	1 / 1.493	0 / 1.061	0 / 0.627	0 / 0.000	0 / 0.627	3 / 3.118	3 / 2.691	1 / 0.866	4 / 2.554	1 / 0.649	22 / 31.153

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	9	1	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	1	1	1	-	1	-	-	-	1	2	1	-	1	22
Out	7	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	2	-	-	-	1	-	-	6	22

Footnotes:

(7) HM&E Electrical Modification requirements are subject to changes in the CNO ship availability schedule. During FY 2027: (3) kits will be procured for installations on FY28 CNO Availabilities for LPD 18 (2) kits, and LPD 19 (1) kit.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 3 / CJ050 - HM&E Survivability Modifications
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	7.450	0.029	2.022	1.354	0.000	1.354	5.248	1.820	0.000	0.000	0.000	17.923
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	7.450	0.029	2.022	1.354	0.000	1.354	5.248	1.820	0.000	0.000	0.000	17.923
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**7.450**	**0.029**	**2.022**	**1.354**	**0.000**	**1.354**	**5.248**	**1.820**	**0.000**	**0.000**	**0.000**	**17.923**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

CJ050 HM&E SURVIVABILITY MODIFICATIONS HM&E Modernization funding is provided to correct mission, safety and reliability issues on HM&E systems (impacting ship survivability) and ultimately resolve maintenance intensive system concerns.

[CJ050 - HM&E Survivability Modifications] Shipsets of equipment vary in quantities and types of components each fiscal year and within a fiscal year. Each ship requires a different number of alterations to be installed, and these alteration packages vary in scope and cost based on individual ship configurations. A quantity of "1" represents a single "kit" intended for installation in one ship, in a single CNO Availability. Ships may be receiving more than 1 kit in a single availability based upon the fielding plan for the systems being modernized, and the actual requirement varies in different louver & screen sizes by increment. Each kit is of a different size and zone increment so they cannot be compared against other kits. DSA costs will also vary by kit due to differences in scope and complexity, and first installation compared to follow-on installations. CONUS ship alterations should be executed during the average installation availability timeframe of 45 days. However, OCONUS ships require 100+ days to complete installation

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 3 / CJ050 - HM&E Survivability Modifications
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: HM&E Survivability Modifications	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CJ050 - HM&E Survivability Modifications												
B Kits												
Recurring												
1.1.1) CJ050 - HM&E Survivability Modifications - NonOrganic [8]	14 / 3.986	- / -	1 / 0.074	5 / 0.558	- / -	5 / 0.558	2 / 0.213	- / -	- / -	- / -	- / -	22 / 4.831
Subtotal: Recurring	*- / 3.986*	*- / -*	*- / 0.074*	*- / 0.558*	*- / -*	*- / 0.558*	*- / 0.213*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 4.831*
Subtotal: CJ050 - HM&E Survivability Modifications	*14 / 3.986*	*- / -*	*1 / 0.074*	*5 / 0.558*	*- / -*	*5 / 0.558*	*2 / 0.213*	*- / -*	*- / -*	*- / -*	*- / -*	*22 / 4.831*
Subtotal: Procurement, All Modification Items	*- / 3.986*	*- / -*	*- / 0.074*	*- / 0.558*	*- / -*	*- / 0.558*	*- / 0.213*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 4.831*
Installation												
Modification Item 1 of 1: CJ050 - HM&E Survivability Modifications	- / 3.464	- / 0.029	- / 1.948	- / 0.796	- / 0.000	- / 0.796	- / 5.035	- / 1.820	- / 0.000	- / 0.000	- / 0.000	- / 13.092
Subtotal: Installation	*- / 3.464*	*- / 0.029*	*- / 1.948*	*- / 0.796*	*- / -*	*- / 0.796*	*- / 5.035*	*- / 1.820*	*- / -*	*- / -*	*- / 0.000*	*- / 13.092*
Total												
Total Cost (Procurement + Support + Installation)	**7.450**	**0.029**	**2.022**	**1.354**	**0.000**	**1.354**	**5.248**	**1.820**	**0.000**	**0.000**	**0.000**	**17.923**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 3 / CJ050 - HM&E Survivability Modifications
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: CJ050 - HM&E Survivability Modifications

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates		Apr 2026	Dec 2026	Dec 2027			
Delivery Dates		Apr 2027	Dec 2027	Dec 2028			

Installation Information

Method of Implementation: AIT:: Installation Name: CJ050 - HM&E Survivability Modifications

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	12 / 3.464	- / -	2 / 1.798	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	14 / 5.262
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	0 / 0.029	0 / 0.003	1 / 0.721	0 / 0.000	1 / 0.721	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.753
FY 2027	- / -	- / -	0 / 0.147	0 / 0.015	0 / 0.000	0 / 0.015	5 / 5.029	- / -	- / -	- / -	0 / 0.000	5 / 5.191
FY 2028	- / -	- / -	- / -	0 / 0.060	0 / 0.000	0 / 0.060	0 / 0.006	2 / 1.820	- / -	- / -	0 / 0.000	2 / 1.886
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	12 / 3.464	0 / 0.029	2 / 1.948	1 / 0.796	0 / 0.000	1 / 0.796	5 / 5.035	2 / 1.820	- / -	- / -	0 / 0.000	22 / 13.092

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	12	-	-	-	-	-	2	-	-	-	-	-	1	4	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	22
Out	10	-	1	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	4	4	-	-	-	-	-	-	-	22

Footnotes:

(8) HM&E Survivability Modifications requirements are subject to changes in the CNO ship availability schedule. During FY 2027: (5) kits will be procured for FY28 CNO Availability installations on LPD 18 (3) kits, and LPD 19 (2) kits.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 4 / CJ060 - HM&E Mechanical/Auxiliary Modifications
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	94.797	0.813	1.190	1.970	0.000	1.970	4.379	0.219	0.669	0.000	0.000	104.037
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	94.797	0.813	1.190	1.970	0.000	1.970	4.379	0.219	0.669	0.000	0.000	104.037
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**94.797**	**0.813**	**1.190**	**1.970**	**0.000**	**1.970**	**4.379**	**0.219**	**0.669**	**0.000**	**0.000**	**104.037**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

HM&E Mechanical/Auxiliary Modifications (CJ060) includes funding for procurement and installation of equipment to support upgrades of shipboard mechanical/auxiliary systems to a more sustainable, reliable configuration on LPD17 Class ships.

HM&E Mechanical/Auxiliary Modifications include:
-MIDE Bulkhead Shaft Seal
-Helo Hangar Door Control Modifications
-2nd Pass Reverse Osmosis (RO) Unit Upgrade, RO Unit Potable Water Electrolytic Disinfectant Generator (EDG) Recirculation Capability
-Aviation Maintenance Bridge Crane Replacement
-Scullery Improvements
-Branch Piping Modifications

[CJ060 HM&E Mechanical/Auxiliary Modifications] Shipsets of equipment vary in quantities and types of components each fiscal year and within a fiscal year. Each ship requires a different number of alterations to be installed, and these alteration packages vary in scope and cost based on individual ship configurations. A quantity of "1" represents a single "kit" intended for installation in one ship, in a single CNO Availability. Ships may be receiving more than 1 kit in a single availability based upon the fielding plan for the systems being modernized. DSA costs will also vary by kit due to differences in scope and complexity, and first installation compared to follow-on installations. The program production lead times have increased from 12 months to 15 months based on actual procurement buys to date.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 4 / CJ060 - HM&E Mechanical/Auxiliary Modifications
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: HM&E Mechanical/ Auxiliary Modifications	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CJ060 - HM&E Mechanical/ Auxiliary Modifications												
B Kits												
Recurring												
1.1.1) CJ060 HM&E Mechanical/Auxiliary Modifications - NonOrganic [9]	79 / 47.991	- / -	3 / 0.701	4 / 0.951	- / -	4 / 0.951	- / -	1 / 0.216	- / -	- / -	- / -	87 / 49.859
Subtotal: Recurring	*- / 47.991*	*- / -*	*- / 0.701*	*- / 0.951*	*- / -*	*- / 0.951*	*- / -*	*- / 0.216*	*- / -*	*- / -*	*- / 0.000*	*- / 49.859*
Subtotal: CJ060 - HM&E Mechanical/Auxiliary Modifications	*79 / 47.991*	*- / -*	*3 / 0.701*	*4 / 0.951*	*- / -*	*4 / 0.951*	*- / -*	*1 / 0.216*	*- / -*	*- / -*	*- / -*	*87 / 49.859*
Subtotal: Procurement, All Modification Items	*- / 47.991*	*- / -*	*- / 0.701*	*- / 0.951*	*- / -*	*- / 0.951*	*- / -*	*- / 0.216*	*- / -*	*- / -*	*- / 0.000*	*- / 49.859*
Support *(All Modification Items)*												
2.1) Non-Recurring Engineering	- / 2.667	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 2.667
Subtotal: Support	*- / 2.667*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 2.667*
Installation												
Modification Item 1 of 1: CJ060 - HM&E Mechanical/ Auxiliary Modifications	- / 44.139	- / 0.813	- / 0.489	- / 1.019	- / 0.000	- / 1.019	- / 4.379	- / 0.003	- / 0.669	- / 0.000	- / 0.000	- / 51.511
Subtotal: Installation	*- / 44.139*	*- / 0.813*	*- / 0.489*	*- / 1.019*	*- / -*	*- / 1.019*	*- / 4.379*	*- / 0.003*	*- / 0.669*	*- / -*	*- / 0.000*	*- / 51.511*
Total												
Total Cost (Procurement + Support + Installation)	**94.797**	**0.813**	**1.190**	**1.970**	**0.000**	**1.970**	**4.379**	**0.219**	**0.669**	**0.000**	**0.000**	**104.037**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 4 / CJ060 - HM&E Mechanical/Auxiliary Modifications
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: CJ060 - HM&E Mechanical/Auxiliary Modifications

Manufacturer Information

Manufacturer Name: Various	Manufacturer Location: Various
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates		Jun 2026	Dec 2026		Jan 2029		
Delivery Dates		Jun 2027	Dec 2027		Jan 2030		

Installation Information

Method of Implementation: [none specified]:: Installation Name: CJ060 HM&E Mechanical/Auxiliary Modifications

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	78 / 44.139	1 / 0.427	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	79 / 44.566
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	0 / 0.386	0 / 0.101	2 / 1.019	0 / 0.000	2 / 1.019	1 / 1.295	- / -	- / -	- / -	0 / 0.000	3 / 2.801
FY 2027	- / -	- / -	0 / 0.388	- / -	- / -	- / -	4 / 2.879	- / -	- / -	- / -	0 / 0.000	4 / 3.267
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.205	0 / 0.003	1 / 0.669	- / -	0 / 0.000	1 / 0.877
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	78 / 44.139	1 / 0.813	0 / 0.489	2 / 1.019	0 / 0.000	2 / 1.019	5 / 4.379	0 / 0.003	1 / 0.669	- / -	0 / 0.000	87 / 51.511

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	78	-	-	1	-	-	-	-	-	-	-	2	-	4	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	87
Out	64	-	-	-	-	14	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-	4	-	-	-	-	-	-	-	2	87

Footnotes:

(9) Each ship requires a different number of alterations to be installed, and these alteration packages vary in scope and cost based on individual ship configurations. A quantity of "1" represents a single "kit" intended for installation in one ship, in a single CNO Availability. Ships may be receiving more than 1 kit in a single availability based upon the fielding plan for the systems being modernized. HM&E Mechanical/

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 4 / CJ060 - HM&E Mechanical/Auxiliary Modifications
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Auxiliary Modifications requirements are subject to changes in the CNO ship availability schedule. During FY 2027: (4) kits will be procured for FY28 CNO Availability installations on LPD 18 (2) kits, and LPD 19 (2) kits.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0946 / LPD Class Support Equipment	Modification Number / Title: 5 / CJ070 SWAN-CANES Integration
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	95.309	4.924	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	100.233
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	95.309	4.924	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	100.233
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**95.309**	**4.924**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**100.233**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

CJ070 SWAN-CANES Integration

The results of the Shipboard Wide Area Network (SWAN) / Consolidated Afloat Networks and Enterprise Services (CANES) study directed the replacement of the C4I capability of the LPD 17 Class SWAN with CANES and the conversion of the non-C4I SWAN into a new HM&E Network (mini SWAN). SWAN funding is required to field the new HM&E Network in support of the CANES installation. In addition, funding is required to sustain the legacy SWAN, while the LPD 17 Class ships await the CANES/HM&E Network back fit installation. SWAN serves as the backbone of the LPD 17 class and funding is necessary to address obsolescence, reliability issues, performance concerns, emergent Fleet requirements including enabling Cryptologic Log On (CLO), removing unsupported software, replacing aging obsolete network hardware (e.g., servers and core switches), and maintaining the Information Assurance posture of the Common Operating Environment (COE). This funding is vital to ensure the LPD 17 Class ships can combat the evolving cyber threat.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 5 / CJ070 SWAN-CANES Integration
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: LPD 17 Class SWAN-CANES Integration	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CJ070 SWAN-CANES Integration												
B Kits												
Recurring												
1.1.1) CJ070 - SWAN-CANES Integration - NonOrganic (10)	121 / 37.866	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	121 / 37.866
Subtotal: Recurring	*- / 37.866*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 37.866*
Non-Recurring												
1.2.1) SWAN-CANES Integration - Organic	- / 8.088	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 8.088
Subtotal: Non-Recurring	*- / 8.088*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 8.088*
Subtotal: CJ070 SWAN-CANES Integration	*121 / 45.954*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*121 / 45.954*
Subtotal: Procurement, All Modification Items	*- / 45.954*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 45.954*
Installation												
Modification Item 1 of 1: CJ070 SWAN-CANES Integration	- / 49.355	- / 4.924	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 54.279
Subtotal: Installation	*- / 49.355*	*- / 4.924*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 54.279*
Total												
Total Cost (Procurement + Support + Installation)	**95.309**	**4.924**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**100.233**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 5 / CJ070 SWAN-CANES Integration
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: CJ070 SWAN-CANES Integration

Manufacturer Information

Manufacturer Name: Raytheon	Manufacturer Location: San Diego, CA
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: AIT:: Installation Name: CJ070 - SWAN-CANES Integration

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	119 / 49.355	2 / 4.924	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	121 / 54.279
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	119 / 49.355	2 / 4.924	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	121 / 54.279

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	119	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	121
Out	115	-	-	4	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	121

Footnotes:

(10) FY25 is the last year for the last (2) ship installations for this requirement. All LPDs will be operating on CANES and this cost code no longer funded as of FY26.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 6 / CJ032 HW/SW Obsolescence Wireless Portable Communications Main Site Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	18.528	1.626	2.860	0.877	0.000	0.877	3.916	9.099	4.086	3.383	5.592	49.967
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	18.528	1.626	2.860	0.877	0.000	0.877	3.916	9.099	4.086	3.383	5.592	49.967
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**18.528**	**1.626**	**2.860**	**0.877**	**0.000**	**0.877**	**3.916**	**9.099**	**4.086**	**3.383**	**5.592**	**49.967**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

[CJ032-WPCS Main Site Upgrades] WIRELESS PORTABLE COMMUNICATIONS SYSTEM (WPCS) Hardware/Software (CJ032): HW/SW Obsolescence effort addresses critical hardware obsolescence and technology refreshment issues and supporting class upgrades focused on increased capability and reliability. Funding will support procurement of hardware and software changes to the WPCS Main Site.

Shipsets of equipment vary in quantities and types of components each fiscal year and within a fiscal year. Each ship requires a different number of alterations to be installed, and these alteration packages vary in scope and cost based on individual ship configurations. A quantity of "1" represents a single "kit" intended for installation in one ship, in a single Chief of Naval Operations (CNO) Availability. Ships may be receiving more than 1 kit in a single availability based upon the fielding plan for the systems being modernized. Requirements are subject to changes in the CNO ship availability schedule. DSA costs will also vary by kit due to differences in scope and complexity, and first installation compared to follow-on installations.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 6 / CJ032 HW/SW Obsolescence Wireless Portable Communications Main Site Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CJ032 HW/SW Obsolescence Wireless Portable Communications Main Site Upgrades												
B Kits												
Recurring												
1.1.1) CJ032-WPCS Main Site Upgrades - NonOrganic (11)	6 / 15.441	- / -	1 / 2.737	- / -	- / -	- / -	1 / 2.848	3 / 8.714	1 / 2.963	- / -	1 / 3.265	13 / 35.968
Subtotal: Recurring	*- / 15.441*	*- / -*	*- / 2.737*	*- / -*	*- / -*	*- / -*	*- / 2.848*	*- / 8.714*	*- / 2.963*	*- / -*	*- / 3.265*	*- / 35.968*
Subtotal: CJ032 HW/SW Obsolescence Wireless Portable Communications Main Site Upgrades	*6 / 15.441*	*- / -*	*1 / 2.737*	*- / -*	*- / -*	*- / -*	*1 / 2.848*	*3 / 8.714*	*1 / 2.963*	*- / -*	*1 / 3.265*	*13 / 35.968*
Subtotal: Procurement, All Modification Items	*- / 15.441*	*- / -*	*- / 2.737*	*- / -*	*- / -*	*- / -*	*- / 2.848*	*- / 8.714*	*- / 2.963*	*- / -*	*- / 3.265*	*- / 35.968*
Support *(All Modification Items)*												
2.1) Non-Recurring Engineering	- / 0.137	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.137
Subtotal: Support	*- / 0.137*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 0.137*
Installation												
Modification Item 1 of 1: CJ032 HW/SW Obsolescence Wireless Portable Communications Main Site Upgrades	- / 2.950	- / 1.626	- / 0.123	- / 0.877	- / 0.000	- / 0.877	- / 1.068	- / 0.385	- / 1.123	- / 3.383	- / 2.327	- / 13.862
Subtotal: Installation	*- / 2.950*	*- / 1.626*	*- / 0.123*	*- / 0.877*	*- / -*	*- / 0.877*	*- / 1.068*	*- / 0.385*	*- / 1.123*	*- / 3.383*	*- / 2.327*	*- / 13.862*
Total												
Total Cost (Procurement + Support + Installation)	**18.528**	**1.626**	**2.860**	**0.877**	**0.000**	**0.877**	**3.916**	**9.099**	**4.086**	**3.383**	**5.592**	**49.967**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 6 / CJ032 HW/SW Obsolescence Wireless Portable Communications Main Site Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: CJ032 HW/SW Obsolescence Wireless Portable Communications Main Site Upgrades

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 15

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates		May 2026		Nov 2027	Mar 2029	Feb 2030	
Delivery Dates		Aug 2027		Feb 2029	Jun 2030	May 2031	

Installation Information

Method of Implementation: [none specified]:: Installation Name: CJ032-WPCS Main Site Upgrades

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	3 / 2.950	2 / 1.626	0 / 0.003	1 / 0.874	0 / 0.000	1 / 0.874	- / -	- / -	- / -	- / -	0 / 0.000	6 / 5.453
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	0 / 0.120	0 / 0.003	0 / 0.000	0 / 0.003	1 / 0.943	- / -	- / -	- / -	0 / 0.000	1 / 1.066
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.125	0 / 0.003	1 / 0.983	- / -	0 / 0.000	1 / 1.111
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.382	0 / 0.010	3 / 3.380	0 / 0.000	3 / 3.772
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.130	0 / 0.003	1 / 1.231	1 / 1.364
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 1.096	1 / 1.096
Total	3 / 2.950	2 / 1.626	0 / 0.123	1 / 0.877	0 / 0.000	1 / 0.877	1 / 1.068	0 / 0.385	1 / 1.123	3 / 3.383	2 / 2.327	13 / 13.862

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	3	1	-	1	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-	2	13
Out	1	-	-	1	1	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1	-	-	5	13

Footnotes:

(11) During FY 2027: There is no planned procurement.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 7 / CJ061 Titanium Valve Replacement
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	34.886	0.880	5.813	0.024	0.000	0.024	2.013	0.000	0.000	0.000	0.000	43.616
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	34.886	0.880	5.813	0.024	0.000	0.024	2.013	0.000	0.000	0.000	0.000	43.616
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**34.886**	**0.880**	**5.813**	**0.024**	**0.000**	**0.024**	**2.013**	**0.000**	**0.000**	**0.000**	**0.000**	**43.616**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

[CJ061-Titanium Valves Replacement Phase 3] Scheduling differences between Phases 1, 2, & 3 are all based on size of valves (8 inches, 10 inches, & 12 inches) and location of valves in the hull, for better installation planning.

Shipsets of equipment vary in quantities and types of components each fiscal year and within a fiscal year. Each ship requires a different number of alterations to be installed, and these alteration packages vary in scope and cost based on individual ship configurations. A quantity of "1" represents a single "kit" intended for installation in one ship, in a single Chief of Naval Operations (CNO) Availability. Ships may be receiving more than 1 kit in a single availability based upon the fielding plan for the systems being modernized. DSA costs will also vary by kit due to differences in scope and complexity, and first installation compared to follow-on installations. All Phase III procurements have been moved to A-2 years prior to installation, vice A-1 year prior to installation, due to actual lead times encountered on previously procured ship sets.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 7 / CJ061 Titanium Valve Replacement
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 3: Titanium Valve Replacement Phase 1												
B Kits												
Recurring												
1.1.1) CJ061-Titanium Valve Replacement Phase 1 - NonOrganic	2 / 3.728	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 3.728
Subtotal: Recurring	*- / 3.728*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 3.728*
Subtotal: Titanium Valve Replacement Phase 1	*2 / 3.728*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*2 / 3.728*
Modification Item 2 of 3: Titanium Valve Replacement Phase 2												
B Kits												
Recurring												
2.1.1) CJ061-Titanium Valve Replacement Phase 2 - NonOrganic (12)	6 / 4.967	- / -	1 / 0.960	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 5.927
Subtotal: Recurring	*- / 4.967*	*- / -*	*- / 0.960*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 5.927*
Subtotal: Titanium Valve Replacement Phase 2	*6 / 4.967*	*- / -*	*1 / 0.960*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*7 / 5.927*
Modification Item 3 of 3: Titanium Valve Replacement Phase 3												
B Kits												
Recurring												
3.1.1) CJ061-Titanium Valves Replacement Phase 3 - NonOrganic (13)	5 / 16.563	- / -	1 / 3.599	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 20.162
Subtotal: Recurring	*- / 16.563*	*- / -*	*- / 3.599*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 20.162*
Subtotal: Titanium Valve Replacement Phase 3	*5 / 16.563*	*- / -*	*1 / 3.599*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*6 / 20.162*
Subtotal: Procurement, All Modification Items	*- / 25.258*	*- / -*	*- / 4.559*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 29.817*
Installation												
Modification Item 1 of 3: Titanium Valve Replacement Phase 1	- / 1.675	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 1.675
Modification Item 2 of 3: Titanium Valve Replacement Phase 2	- / 5.179	- / 0.000	- / 0.136	- / 0.009	- / 0.000	- / 0.009	- / 1.036	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 6.360
Modification Item 3 of 3: Titanium Valve Replacement Phase 3	- / 2.774	- / 0.880	- / 1.118	- / 0.015	- / 0.000	- / 0.015	- / 0.977	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 5.764

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 7 / CJ061 Titanium Valve Replacement
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Subtotal: Installation	- / 9.628	- / 0.880	- / 1.254	- / 0.024	- / -	- / 0.024	- / 2.013	- / -	- / -	- / -	- / 0.000	- / 13.799
Total												
Total Cost (Procurement + Support + Installation)	**34.886**	**0.880**	**5.813**	**0.024**	**0.000**	**0.024**	**2.013**	**0.000**	**0.000**	**0.000**	**0.000**	**43.616**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 7 / CJ061 Titanium Valve Replacement
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 3: Titanium Valve Replacement Phase 1

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: [none specified]:: Installation Name: CJ061-Titanium Valve Replacement Phase 1

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	2 / 1.675	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 1.675
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	2 / 1.675	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 1.675

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Out	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 7 / CJ061 Titanium Valve Replacement
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 2 of 3: Titanium Valve Replacement Phase 2

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates		Jun 2026					
Delivery Dates		Dec 2027					

Installation Information

Method of Implementation: [none specified]:: Installation Name: CJ061-Titanium Valve Replacement Phase 2

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	6 / 5.179	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	6 / 5.179
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	0 / 0.136	0 / 0.009	0 / 0.000	0 / 0.009	1 / 1.036	- / -	- / -	- / -	0 / 0.000	1 / 1.181
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 5.179	- / -	0 / 0.136	0 / 0.009	0 / 0.000	0 / 0.009	1 / 1.036	- / -	- / -	- / -	0 / 0.000	7 / 6.360

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Out	5	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	7

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 7 / CJ061 Titanium Valve Replacement
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 3 of 3: Titanium Valve Replacement Phase 3

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates		Jun 2026					
Delivery Dates		Dec 2027					

Installation Information

Method of Implementation: [none specified]:: Installation Name: CJ061-Titanium Valves Replacement Phase 3

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	3 / 2.774	1 / 0.880	1 / 0.982	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	5 / 4.636
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	0 / 0.136	0 / 0.015	0 / 0.000	0 / 0.015	1 / 0.977	- / -	- / -	- / -	0 / 0.000	1 / 1.128
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	3 / 2.774	1 / 0.880	1 / 1.118	0 / 0.015	0 / 0.000	0 / 0.015	1 / 0.977	- / -	- / -	- / -	0 / 0.000	6 / 5.764

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	3	1	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
Out	1	1	-	-	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6

Footnotes:

(12) There is no planned procurement in FY2027 and across FYDPs.

(13) There is no planned procurement in FY2027 and across FYDPs.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 8 / CJ062 HM&E Mechanical/Auxiliary Mods Knuckleboom Crane Improvements
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	9.142	0.591	0.907	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.640
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	9.142	0.591	0.907	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.640
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**9.142**	**0.591**	**0.907**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**10.640**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

[CJ062-Knuckleboom Crane Improvement] KNUCKLEBOOM CRANE IMPROVEMENTS Modernization funding is provided to correct mission, safety and reliability issues on mechanical and auxiliary systems and ultimately resolve maintenance intensive system concerns. Funding will support boat and cargo crane safety upgrades.

Shipsets of equipment vary in quantities and types of components each fiscal year and within a fiscal year. Each ship requires a different number of alterations to be installed, and these alteration packages vary in scope and cost based on individual ship configurations. A quantity of "1" represents a single "kit" intended for installation in one ship, in a single Chief of Naval Operations (CNO) Availability. Ships may be receiving more than 1 kit in a single availability based upon the fielding plan for the systems being modernized. DSA costs will also vary by kit due to differences in scope and complexity, and first installation compared to follow-on installations.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 8 / CJ062 HM&E Mechanical/Auxiliary Mods Knuckleboom Crane Improvements
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CJ062 HM&E Mechanical/ Auxiliary Mods Knuckleboom Crane Improvements												
B Kits												
Recurring												
1.1.1) CJ062-Knuckleboom Crane Improvement - NonOrganic (14)	8 / 4.245	1 / 0.588	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 4.833
Subtotal: Recurring	*- / 4.245*	*- / 0.588*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 4.833*
Subtotal: CJ062 HM&E Mechanical/Auxiliary Mods Knuckleboom Crane Improvements	*8 / 4.245*	*1 / 0.588*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*9 / 4.833*
Subtotal: Procurement, All Modification Items	*- / 4.245*	*- / 0.588*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 4.833*
Support *(All Modification Items)*												
2.1) Non-Recurring Engineering	- / 0.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.300
Subtotal: Support	*- / 0.300*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 0.300*
Installation												
Modification Item 1 of 1: CJ062 HM&E Mechanical/ Auxiliary Mods Knuckleboom Crane Improvements	- / 4.597	- / 0.003	- / 0.907	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 5.507
Subtotal: Installation	*- / 4.597*	*- / 0.003*	*- / 0.907*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 5.507*
Total												
Total Cost (Procurement + Support + Installation)	**9.142**	**0.591**	**0.907**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**10.640**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 8 / CJ062 HM&E Mechanical/Auxiliary Mods Knuckleboom Crane Improvements

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 1: CJ062 HM&E Mechanical/Auxiliary Mods Knuckleboom Crane Improvements

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBDTBD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Mar 2025						
Delivery Dates	Mar 2026						

Installation Information

Method of Implementation: [none specified]:: Installation Name: CJ062-Knuckleboom Crane Improvement

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	6 / 4.597	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.000	8 / 4.597
FY 2025	- / -	0 / 0.003	1 / 0.907	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.910
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	6 / 4.597	0 / 0.003	1 / 0.907	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.000	9 / 5.507

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	6	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	9
Out	4	1	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	9

Footnotes:

(14) No FY2027 and follow on year: procurements or installations.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 9 / CJ063 HM&E Mechanical/Auxiliary Mod Common Fuel Rail
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	41.768	9.817	25.754	20.300	0.000	20.300	17.314	3.631	14.175	0.007	18.317	151.083
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	41.768	9.817	25.754	20.300	0.000	20.300	17.314	3.631	14.175	0.007	18.317	151.083
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**41.768**	**9.817**	**25.754**	**20.300**	**0.000**	**20.300**	**17.314**	**3.631**	**14.175**	**0.007**	**18.317**	**151.083**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

[CJ063-Common Fuel Rail] FUEL INJECTION COMMON RAIL Modernization funding is provided to correct mission, safety and reliability issues on Main Propulsion Diesel Engine (MPDE) systems and ultimately resolve maintenance intensive system concerns. Funding will support developing and installing a high-pressure, electronically-controlled fuel injection rail system.

All procurements have been moved to A-2 years prior to installation, vice A-1 year prior to installation, due to actual long lead time material procurements encountered during engineering efforts and schedule planning.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 9 / CJ063 HM&E Mechanical/Auxiliary Mod Common Fuel Rail
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CJ063 HM&E Mechanical/ Auxiliary Mod Common Fuel Rail												
B Kits												
Recurring												
1.1.1) CJ063-Common Fuel Rail - NonOrganic [15]	5 / 37.715	1 / 8.835	2 / 18.023	1 / 9.192	- / -	1 / 9.192	1 / 9.375	- / -	1 / 9.754	- / -	1 / 9.949	12 / 102.843
Subtotal: Recurring	*- / 37.715*	*- / 8.835*	*- / 18.023*	*- / 9.192*	*- / -*	*- / 9.192*	*- / 9.375*	*- / -*	*- / 9.754*	*- / -*	*- / 9.949*	*- / 102.843*
Subtotal: CJ063 HM&E Mechanical/Auxiliary Mod Common Fuel Rail	*5 / 37.715*	*1 / 8.835*	*2 / 18.023*	*1 / 9.192*	*- / -*	*1 / 9.192*	*1 / 9.375*	*- / -*	*1 / 9.754*	*- / -*	*1 / 9.949*	*12 / 102.843*
Subtotal: Procurement, All Modification Items	*- / 37.715*	*- / 8.835*	*- / 18.023*	*- / 9.192*	*- / -*	*- / 9.192*	*- / 9.375*	*- / -*	*- / 9.754*	*- / -*	*- / 9.949*	*- / 102.843*
Installation												
Modification Item 1 of 1: CJ063 HM&E Mechanical/ Auxiliary Mod Common Fuel Rail	- / 4.053	- / 0.982	- / 7.731	- / 11.108	- / 0.000	- / 11.108	- / 7.939	- / 3.631	- / 4.421	- / 0.007	- / 8.368	- / 48.240
Subtotal: Installation	*- / 4.053*	*- / 0.982*	*- / 7.731*	*- / 11.108*	*- / -*	*- / 11.108*	*- / 7.939*	*- / 3.631*	*- / 4.421*	*- / 0.007*	*- / 8.368*	*- / 48.240*
Total												
Total Cost (Procurement + Support + Installation)	**41.768**	**9.817**	**25.754**	**20.300**	**0.000**	**20.300**	**17.314**	**3.631**	**14.175**	**0.007**	**18.317**	**151.083**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0946 / LPD Class Support Equipment	**Modification Number / Title:** 9 / CJ063 HM&E Mechanical/Auxiliary Mod Common Fuel Rail

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 1: CJ063 HM&E Mechanical/Auxiliary Mod Common Fuel Rail

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 23

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	May 2025	Dec 2025	Feb 2027	Dec 2027		Jun 2030	
Delivery Dates	Apr 2027	Nov 2027	Jan 2029	Nov 2029		May 2032	

Installation Information

Method of Implementation: [none specified]:: Installation Name: CJ063-Common Fuel Rail

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	1 / 4.053	0 / 0.659	2 / 7.065	2 / 7.102	0 / 0.000	2 / 7.102	- / -	- / -	- / -	- / -	0 / 0.000	5 / 18.879
FY 2025	- / -	0 / 0.323	0 / 0.006	1 / 3.657	0 / 0.000	1 / 3.657	- / -	- / -	- / -	- / -	0 / 0.000	1 / 3.986
FY 2026	- / -	- / -	0 / 0.660	0 / 0.012	0 / 0.000	0 / 0.012	2 / 7.590	- / -	- / -	- / -	0 / 0.000	2 / 8.262
FY 2027	- / -	- / -	- / -	0 / 0.337	0 / 0.000	0 / 0.337	0 / 0.006	1 / 3.625	- / -	- / -	0 / 0.000	1 / 3.968
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.343	0 / 0.006	1 / 4.064	- / -	0 / 0.000	1 / 4.413
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.357	0 / 0.007	1 / 3.994	1 / 4.358
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.374	1 / 4.374
Total	1 / 4.053	0 / 0.982	2 / 7.731	3 / 11.108	0 / 0.000	3 / 11.108	2 / 7.939	1 / 3.631	1 / 4.421	0 / 0.007	2 / 8.368	12 / 48.240

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	1	-	-	-	-	-	1	1	-	-	-	3	-	1	-	1	-	-	1	-	-	-	1	-	-	-	-	-	-	2	12
Out	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	3	-	-	1	1	-	-	-	-	-	-	4	12

Footnotes:

(15) During FY 2027: (1) kit will be procured for (1) FY 2029 CNO Availability for LPD 21. Also, during FY 2027, (2) kits that were procured in FY2024 will be installed on LPD23 & LPD27 due to CNO availability shifts, and (1) kit procured in FY 2025 will be installed on LPD 24. HM&E Mechanical/Auxiliary Mod Common Fuel Rail requirements are subject to changes in the CNO ship availability schedule.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204202N — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 197	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	744.158	325.668	115.267	58.284	0.000	58.284	165.764	175.143	212.487	247.026	378.620	2,422.417
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	744.158	325.668	115.267	58.284	0.000	58.284	165.764	175.143	212.487	247.026	378.620	2,422.417
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**744.158**	**325.668**	**115.267**	**58.284**	**0.000**	**58.284**	**165.764**	**175.143**	**212.487**	**247.026**	**378.620**	**2,422.417**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	5.033	-	-	-	-	-	-	-	-	-	5.033
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DDG 1000, a multi-mission surface combatant, will serve as a versatile asset in the context of future Naval Strategy. Armed with an array of weapons, DDG 1000 will provide the Joint Force Commander with precision strike and volume fires. Designed with sustainable payload, multi-spectral stealth and optimal manning, DDG 1000 will take the fight to the enemy with unprecedented striking power.

The program is continuing to integrate the Conventional Prompt Strike (CPS) weapons system onto the Zumwalt class. CPS integration is a top CNO priority that enhances the Navy's lethality by providing a critical hypersonic attack capability to prevail in Great Power competition. This naval surface hypersonic strike capability will allow the Zumwalt class to conduct independent forward deployed operations and prosecute deep-inland, time-critical, soft and medium-hardened targets in a contested environment. Additionally, when combined with the low observable characteristics of the Zumwalt platform, CPS enhances a uniquely lethal and survivable naval surface platform. The Zumwalt Class will enhance U.S. conventional power projection by providing an independent forward deployed strike platform, with longer range, shorter time of flight, and higher survivability against enemy defenses compared to current capabilities.

The Navy will integrate CPS into USS Zumwalt (DDG 1000) and USS Michael Monsoor (DDG 1001) during Building Yard Modernization Periods (BYMP) instead of traditional Docking Selected Restricted Availabilities (DSRA). This shipyard period type maximizes learning and efficiency in order to speed the capability to the fleet. The program will integrate CPS into Lyndon B. Johnson (DDG 1002) during new construction, prior to the ship's arrival in homeport and prior to installation of CPS on DDG 1001. Full CPS operational capability on Zumwalt Class is achieved once CPS is installed in all three ships and they are turned over for Fleet operations.

DDG 1000 and DDG 1001 are commissioned ships and the CPS installations for these ships is budgeted with Other Procurement, Navy (OPN) funding. DDG 1002 CPS installation is budgeted in Shipbuilding & Conversion, Navy (SCN) funding. Advanced Payload Modules (APM) are interchangeable end items and are budgeted in OPN.

The program provides for DDG 1000 combat system hardware/equipment suite technology refresh to support obsolescence management and address reliability, maintainability & availability (RM&A) issues following fielding. Combat System hardware will be over a decade obsolete at the time of delivery. Active management of commercial off-the-shelf (COTS) obsolescence via hardware/equipment technology refresh will be required to ensure Zumwalt class ships reach their design service life. Additionally, the program will sustain and upgrade in-service Zumwalt ships in order to achieve their Expected Service Life (ESL). Upgrades will be mission capable in countering current and projected threats, improve operational capabilities, and comply with requirements.

The program will start procuring combat system elements in support of the Zumwalt Enterprise Upgrade Solution (ZEUS). This funding fully modernizes the Zumwalt Combat System to increase commonality, lethality, and sustainability for the ship class. Specific hardware systems upgrades include SPY-3 to SPY-6(v)3, Mk41 common electronics to interface with the Mk57 Peripheral Vertical Launch System (PVLS),

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204202N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 197		

DDG-1000 adapted CANES suite, Identification Friend or Foe (IFF), Maritime Strike Tomahawk (MST), Cooperative Engagement Capability (CEC) block 2, and SLQ-32 computing hardware. Target install availabilities begin in FY31 and beyond.

Without investment into ZEUS, the ship class will continue to experience missile inventory issues, incur significant obsolescence shortfalls in PVLS and SPY-3 systems, require unique manning and training funding profiles, and require significant software development to keep pace with the threat environment.

[P40A / DDG 1000 Class Product Improvement]: Funding provides engineering changes to the Combat System necessary to address component obsolescence, recurring cybersecurity requirements and a 20-module SM-6 capability on DDG 1000, during her BYMP. This effort develops or updates drawings and technical documentation, develops work specifications and technical documentation to integrate planned changes into the baseline design. Material will be procured, kitted, delivered and installed on the ship. Planning, prioritization and installation of ship alterations (ShipAlts) will be done during maintenance availability periods within the Fleet Modernization Program. Logistics product updates are provided to ensure latest ship's crew proficiency and understanding. Funding also supports software licenses and associated cyber security hardware, necessary to prevent vulnerabilities. Procures shipboard assets as well as Zumwalt Training Facility updates, to maintain similar configuration.

[P40A / Critical Cybersecurity Upgrades and Improvements]: The TSCE integrates all the ship's sensors and weapons into a cohesive Combat System (CS). Funding is required for engineering and hardware procurement to support Windows 10 Upgrade, Linux Kernel Integrity Validation tool, and Secure Data Distribution Services. Windows 10 upgrade is necessary to prevent cyber security vulnerabilities and is mandated by OPNAV requirements. Linux Kernel Integrity Validation provides methods for detecting malicious activity (including "Zero-day" attacks) in order to keep pace with ongoing threats. Secure Data Distribution Services provides detection and countermeasure capabilities to ensure data confidentiality and integrity. Funding supports procurement of shipboard assets for deployment capability and configuration alignment with the ZUMWALT Training Facility.

[P40A / TSCE Diminishing Manufacturing Sources & Material Shortages (DMSMS)]: FY24 funding supports DDG 1002's SPY-3 refurbishment, including procurement and replacement of failed or obsolescent materiel. DDG 1002's SPY-3 array was previously utilized on self-defense test ship, requiring refurbishment prior to install on DDG 1002. FY25 OPN funding is required to procure ZUMWALT Class ships network and computing equipment to address obsolescence and DMS concerns to sustain the ZUMWALT Class TSCE and minimize total operation costs. Funding is required to maintain ship readiness; without funding, obsolescence in ZUMWALT Class network and computing environments will impact the ship's ability to get underway and decrease capacity for sparing. Non-recurring engineering (NRE) is based on SD-22 solution costs adjusted for inflation for current and predicted obsolescence. Funding for TSCE DMSMS funds projected and unplanned DMSMS Cases, both life of type buy and redesign of major components within TSCE. Current DMSMS percentage of the TSCE configuration is 85-95% obsolete. DMSMS cases will increase in severity as components within the system become end of life. The current configuration requires support through FY27 until TSCE modernization commences on the final ship.

[P40A / TSCE Modernization Engineering]: Combat system computing infrastructure (data centers, network infrastructure & communications devices) is more than a decade old and requires extensive modernization and technology refresh to sustain operations, mitigate obsolescence, provides a hardware baseline and software development processes that align to Integrated Combat System efforts. Funding provides non-recurring engineering labor necessary for integration, testing, and deployment of new computing hardware and peripherals. FY23 funded software architecture development to adapt the combat system software to the upgraded hardware configuration. The increase in FY24 funds detailed design of hardware configuration, migration of the software baseline into a containerized architecture, and lab integration of modified software with new hardware, as well as software and hardware engineering to address any issues discovered during testing. Thorough lab integration is required prior to installation of shipboard equipment starting in FY25. The Zumwalt-class Operational Availability (Ao), as specified in the Operational Requirements Document (ORD), is the driving requirement for TSCE modernization. Additionally, the program is procuring life-type buys to support the ships through the start of DDG 1001 availability in FY26.

[P40A / TSCE Moderization Lab Equipment]: Funding completes installation of Zumwalt Training Facility. Funding procures and installs lab equipment assets to support full reachback capability to government (located at NSWCDD) and contractor laboratories

[P40A / TSCE Modernization Procurement]: Follow-on TSCE modernization procurement for DDG 1000 is planned in FY28. TSCE Modernization hardware procurements are phased based on the 20-month procurement lead time.

[P40A / HM&E Land Based Test Environment (LBTE)]: Procure material and equipment for LBTE will lead to greater understanding and competency for DDG 1000 controls systems and will lead to less dependency on the Original Equipment Manufacturer (OEM) to provide life-cycle support for hardware, software and cyber security.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	P-1 Line Item Number / Title: 0947 / DDG 1000 Class Support Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0204202N	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: 197		

[P40A / Data Center Lab (Combat System Maintenance and Hardware)]: Funding is to populate the contractor's software development lab with tactical element hardware and to establish a government integration lab. Currently the contractor's lab is utilizing DDG 1002 assets (SGS/AC, CDLMS/NGC2P, IFF, etc.), which will be removed to support DDG 1002 combat system installation during the combat availability. To maintain the contractor lab capability, additional hardware will need to be procured.

[P40A / Electro-Optical / Infrared (EO/IR) Sensor]: DDG 1000 is a low radar cross section (RCS) vessel that utilizes EO/IR tactically. In conjunction with NAVSEA 05 and the Technical Warrant Holder (TWH), conducted a study of available EO/IR sensors and have selected the compliant sensor available to meet both the RCS and EO/IR functional requirements of DDG 1000.

[P40A / C4I (Business) Network Sustainment]: TSCE includes a C4I (business) network, which currently resides on an unsupportable Windows 7 operating system with no sustainment plan in place. Funding will upgrade the current C4I (business) network from Windows 7 to Windows 10, procure licenses, and replace laptops. Critical Cyber security Upgrades and Improvements funded the upgrade of the TSCE to Windows 10. This did not fund upgrades to any of the applications that utilize the TSCE network such as COMPOSE 4.0.1, GCCS-M, NGC2P, etc. Since there is no program of record support for COMPOSE 4.0.1 as installed on DDG 1000, this funds an upgrade to COMPOSE 4.0.1 to Windows 10, and provides a sustainment path for this system.

[P40A / Radar Absorbing Material (RAM) and Composite Sustainment]: Recurring OPN is required to procure, install and repair RAM on board the DDG 1000 Class.

[P40A / MK 57 CEU Technical Development Package]: Funding required for engineering development efforts to prepare and approve the DDG 1000 class MK57 universal canister electrical unit (UCEU) technical data package (TDP). The TDP is necessary to issue a build-to-print request for proposal to industry, for development and test the UCEU hardware. Naval Surface Warfare Center Dahlgren will be the primary activity developing the TDP. The procurement and testing of the UCEU will be funded from OPN LI 5231 Ship Missile Support Equipment.

[P40A / Common Electric Module Shock Kits]: Common Electric Module Shock Kits (CEMs) - Shock kits procured in FY21 to support CEM upgrade from obsolete version 2.1 to 4.0. These shock kits were necessary to ruggedize the new CEM 4.0 modules within the enclosure. CEM 4.0 upgrade has since been implemented across the class, and now gives the crew ability to sustain the Common Display System, operate and maintain the TSCE system, and continue activation of the ZUMWALT combat system.

[P40A / MK 57 VLS ELECTRONICS DDG 1000 and CSSQT]: FY28 funds procure last shipset of Mk57 Vertical Launch System Electronics for DDG 1000, and completes Combat Systems Ship Qualification Trials (CSSQT).

[P40A / DDG 1000 SM-6 Integration]: Integration of SM-6 capability. Funding required for TSCE Integration (OPN), testing, and Live Fire Testing (RDT&E). Funding will procure the Vertical Launch System Global Positioning System Integration (VGI) components for the necessary ephemeris data.

[P40A / DDG 1000 NTCDL Integration]: Upgrade Tactical Common Data Link (TCDL) to Network Tactical Common Data Link (NTCDL) by removing TCDL from the ship's 07-level and replacing with deckhouse mounted NTCDL. TCDL is a Commercial Off-The-Shelf (COTS) antenna which Naval Information Warfare Systems Command supports whereas NTCDL is a full program of record. Will increase capacity for Common Data Link (CDL) links, as well as freeing up 07-level space and improving RCS to allow for installation of other antennas. Improves signature and increases capacity of CDL links.

[P40A / DDG 1000 SPECTRAL Integration]: Spectral is the next generation Information Warfare weapons system enhancing signals exploitation capabilities. Spectral is scalable, mission-configurable, and modular to rapidly respond to new threats or capabilities. A stronger, faster, integrated capability enables data sharing with other systems to support Electromagnetic Maneuver Warfare (EMW)/Integrated Fires (IF). Spectral detects, classifies, and tracks Signals of Interest (SOI) beyond current stated requirements to improve automation, operability, and intuitiveness in the Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) process. Agile software methodology ensures flexibility in meeting emergent requirements and addressing Fleet user priorities

[P40A / Zumwalt Enterprise Upgrade Solution]: FY29 funding supports hardware procurements and Ship Installation Drawing preparation. Specific hardware systems upgrades include SPY-3 to SPY-6(v)3, Mk41 common electronics to interface with the Mk57 Peripheral Vertical Launch System (PVLS), a DDG-1000 adapted CANES suite, Identification Friend or Foe (IFF) to use UPX-41 transreceiver, Maritime Strike Tomahawk (MST) to support BLK V TLAM capability, Cooperative Engagement Capability (CEC) block 2, and SLQ-32 computing infrastructure hardware for BL12/V(6) compatible suite. Target install availabilities begin in FY31 and beyond. Funding profile extends past FYDP and notionally supports complete installation of all ships by FY34.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204202N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 197		

[P40A / HW/SW HM&E Mod, Obsolescence Mitigation & Design Improvements]: Funding required for material and software procurements for High Voltage, Low Voltage, Propulsion/Power Generation, Auxiliary, Seawater/Freshwater Cooling, Deck, Damage Control, and Steering Gear system alterations in support of obsolescence mitigation and design improvements.

[P40A / HM&E Modernization Alterations Installation]: Fund installation costs for High Voltage, Low Voltage, Propulsion/Power Generation, Auxiliary, Seawater/Freshwater Cooling, Deck, Damage Control, and Steering Gear system alterations in support of obsolescence mitigation and design improvements.

[P3A / Conventional Prompt Strike]: Perform shipbuilder procurements and modifications for installation of CPS on DDG 1000 Class. To include planning, design, removal forward and aft Advanced Gun Weapons System (MT61 and MT62 respectively), HM&E material, combat system integration, and procurement/installation of advanced payload modules.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204202N — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 197	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)
P-40a	DDG 1000 Class Support Equipment	P-5a, P-21			- / 323.587	- / 74.545	- / 17.122	- / 11.598	- / -	- / 11.598
P-3a	1 / Conventional Prompt Strike (TBD)				- / 420.571	- / 251.123	- / 98.145	- / 46.686	- / 0.000	- / 46.686
P-40	**Total Gross/Weapon System Cost**				**- / 744.158**	**- / 325.668**	**- / 115.267**	**- / 58.284**	**- / 0.000**	**- / 58.284**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)
P-40a	DDG 1000 Class Support Equipment	P-5a, P-21			- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / Conventional Prompt Strike (TBD)				- / 20.300	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 836.825
P-40	**Total Gross/Weapon System Cost**				**- / 165.764**	**- / 175.143**	**- / 212.487**	**- / 247.026**	**- / 378.620**	**- / 2,422.417**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY26 to FY27 decrease is due to long lead material procurements in support of the DDG 1001 BYMP being completed in FY26.

The program is proceeding with Conventional Prompt Strike (CPS) installation on DDG 1000 and DDG 1001 during Build Yard Modernization Periods (BYMPs), which will replace the previously scheduled Docking Selected Restricted Availabilities (DSRAs). The DDG 1000 BYMP began execution in FY24 and the DDG 1001 BYMP will begin execution in FY26. To support the BYMPs, the program established a sole-source contract with Huntington Ingalls Industries (HII) for production planning and execution. DDG 1002 procurement and installation costs for CPS are included in SCN for that hull.

TSCE Critical Cybersecurity Upgrades and Improvements funding is required for engineering and hardware procurement to support Windows 10 Upgrade, Linux Kernel Integrity Validation tool, and Secure Data Distribution Services. Validation provides methods for detecting malicious activity (including "Zero-day" attacks) in order to keep pace with ongoing threats. Secure Data Distribution Services provides detection and countermeasure capabilities to ensure data confidentiality and integrity.

TSCE DMSMS Existing DDG 1000 and follow hardware is more than a decade obsolete. Efforts includes NRE required to identify and qualify applicable obsolete parts, prepare drawing updates (Lowest Replaceable Unit (LRU) & cabinet level), prepare Integrated Logistics Support (ILS) updates (LRU & cabinet level) and procure replacement parts. DMSMS procurements are necessary until DDG 1001 commences TSCE Modernization in FY27 (hardware procurement in FY25).

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	**Aggregated Items Title:** DDG 1000 Class Support Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) DDG 1000 CLASS SUPPORT EQUIPMENT																				
1.1) DDG 1000 Class On Board Trainer	A		10,667K	3	32.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) DDG 1000 Class Operating System Refresh	A		-	-	29.735	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) DDG 1000 CLASS SUPPORT EQUIPMENT			**-**	**-**	***61.735***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) DDG 1000 CLASS SUPPORT																				
2.1) Production Engineering	A		-	-	1.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) DDG 1000 CLASS SUPPORT			**-**	**-**	***1.400***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) DDG 1000 CLASS HM&E PRODUCT IMPROVEMENT																				
3.1) DDG 1000 Class Product Improvement	A		-	-	17.201	-	-	0.349	-	-	-	-	-	-	-	-	-	-	-	-
3.2) Critical Cybersecurity Upgrades and Improvements	A		-	-	17.739	-	-	2.861	-	-	2.044	-	-	1.900	-	-	-	-	-	1.900
3.3) Common Display System	A		-	-	4.865	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) TSCE Diminishing Manufacturing Sources & Material Shortages (DMSMS) (1)	A		-	-	46.108	-	-	8.935	-	-	10.578	-	-	3.900	-	-	-	-	-	3.900
3.5) TSCE Modernization Engineering	A		-	-	40.357	-	-	2.000	-	-	2.000	-	-	-	-	-	-	-	-	-
3.6) TSCE Moderization Lab Equipment(†)	A		19,887K	3	59.660	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.7) TSCE Modernization Procurement (2)(†)	A		-	-	-	57,500K	1	57.500	-	-	-	-	-	-	-	-	-	-	-	-
3.8) HM&E Land Based Test Environment (LBTE)	A		1,529K	1	1.529	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.9) Data Center Lab (Combat System Maintenance and Hardware)	A		4,247K	2	8.494	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	**Aggregated Items Title:** DDG 1000 Class Support Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
3.10) Electro-Optical / Infrared (EO/IR) Sensor	A		5,084K	3	15.252	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.11) C4I (Business) Network Sustainment	A		-	-	16.900	-	-	1.400	-	-	1.500	-	-	-	-	-	-	-	-	-
3.12) Radar Absorbing Material (RAM) and Composite Sustainment	A		-	-	4.800	-	-	1.500	-	-	1.000	-	-	-	-	-	-	-	-	-
3.13) MK 57 CEU Technical Development Package	A		-	-	4.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.14) Common Electric Module Shock Kits	A		-	-	5.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) DDG 1000 CLASS HM&E PRODUCT IMPROVEMENT			**-**	**-**	***242.605***	**-**	**-**	***74.545***	**-**	**-**	***17.122***	**-**	**-**	***5.800***	**-**	**-**	**-**	**-**	**-**	***5.800***
4) DDG 1000 SURFACE STRIKE																				
4.1) DDG 1000 SM-6 Integration	A		-	-	5.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) DDG 1000 NTCDL Integration	A		-	-	1.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) DDG 1000 SPECTRAL Integration	A		3,849K	3	11.547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) DDG 1000 SURFACE STRIKE			**-**	**-**	***17.847***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
6) DDG 1000 Class HM&E Sustainment and Modernization																				
6.1) HW/SW HM&E Mod, Obsolescence Mitigation & Design Improvements [(3)]	A		-	-	-	-	-	-	-	-	-	-	-	5.798	-	-	-	-	-	5.798
Subtotal: 6) DDG 1000 Class HM&E Sustainment and Modernization			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***5.798***	**-**	**-**	**-**	**-**	**-**	***5.798***
Total			**-**	**-**	**323.587**	**-**	**-**	**74.545**	**-**	**-**	**17.122**	**-**	**-**	**11.598**	**-**	**-**	**-**	**-**	**-**	**11.598**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

[(†)] indicates the presence of a P-5a

Footnotes:

[(1)] DMSMS funding will be used to execute life of type buys (LTBs) and develop ECP/redesign work-arounds to keep the system's legacy configuration running on the remaining ships while they await TSCE Modernization. DMSMS cases are predicted to increase in severity each year as components within the system continue to approach end of life. Legacy configuration HW will require support through timeframe until TSCE modernization commences on the final ship. These LCEM 4.0 modules were recently discovered to have an estimated end-of-life date within the next couple years. Since TSCE Mod will not be upgrading these LCEMs, an LTB will need to be executed to keep the 4.0 LCEMs supported until a new CEM/CDS design is available in about 10 years.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	**Aggregated Items Title:** DDG 1000 Class Support Equipment

(2) TSCE modernization procurement for DDG 1001 occurred in FY25; the Navy is currently assessing the plan for DDG 1000. TSCE Modernization hardware procurements are phased based on the 23 month procurement lead time.

(3) FY27 HW/SW HM&E Mod, Obsolescence Mitigation & Design Improvements funding was increased across the FYDP to implement engineering solutions to maintain sustainment to DDG 1000 Class and to procure and install material for implementation of resolutions to obsolete equipment critical to maintaining operational availability in support of Conventional Prompt Strike capabilities.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0947 / DDG 1000 Class Support Equipment	Aggregated Items: DDG 1000 Class Support Equipment

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
3) DDG 1000 CLASS HM&E PRODUCT IMPROVEMENT												
3.6) TSCE Moderization Lab Equipment(†)		2022 (4)	Raytheon / Tewksbury, MA	C / FFP	WNY	Mar 2023	Aug 2024	1	18,500K	N		Apr 2022
3.6) TSCE Moderization Lab Equipment(†)		2023	Raytheon / Tewksbury, MA	C / FFP	WNY	Mar 2023	Aug 2024	1	21,500K	N		Apr 2022
3.6) TSCE Moderization Lab Equipment(†)		2024	Raytheon / Tewksbury, MA	C / FFP	WNY	Mar 2024	Aug 2025	1	19,660K	N		
3.7) TSCE Modernization Procurement (2)(†)		2025	Raytheon / Tewksbury, MA	C / FFP	NAVSEA	Oct 2024	Sep 2026	1	57,500K	N	Sep 2024	Sep 2022

(†) indicates the presence of a P-21

Footnotes:

(4) Funding provides network and data center equipment at both the OEM lab and the Zumwalt Training Facility to represent the tactical configuration for the purposes of integration, testing, support, and training. Network equipment encompasses routers, switches, wireless access points, and a variety of audio/visual peripherals for communication and security. Data center equipment includes core processing, data storage, and encryption devices. FY22 includes 1 Network lab set, 1 Data Center lab set. FY23 includes 1 spares for lab network, 1 spares for data center, 1 data center for training facility. FY24 includes 1 Network lab set, 1 Data Center lab set.

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0947 / DDG 1000 Class Support Equipment	Aggregated Items: DDG 1000 Class Support Equipment

Items (Units in Each)							Fiscal Year 2023												Fiscal Year 2024												BALANCE
										Calendar Year 2023														Calendar Year 2024									
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3) DDG 1000 CLASS HM&E PRODUCT IMPROVEMENT																															
3.6) TSCE Moderization Lab Equipment																															
	1	2022	NAVY	1	0	1						A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		0
	1	2023	NAVY	1	0	1						A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		0
	1	2024	NAVY	1	0	1																		A -	-	-	-	-	-	-	1
3.7) TSCE Modernization Procurement [2]																															
	2	2025	NAVY	1	0	1																									1

OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	**Aggregated Items:** DDG 1000 Class Support Equipment

Items (Units in Each)							Fiscal Year 2025												Fiscal Year 2026												BALANCE
							Calendar Year 2025												Calendar Year 2026													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3) DDG 1000 CLASS HM&E PRODUCT IMPROVEMENT																															
3.6) TSCE Moderization Lab Equipment																															
	1	2022	NAVY	1	1	0																									0
	1	2023	NAVY	1	1	0																									0
	1	2024	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	1														0
3.7) TSCE Modernization Procurement [(2)]																															
	2	2025	NAVY	1	0	1	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	**Aggregated Items:** DDG 1000 Class Support Equipment

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Raytheon - Tewksbury, MA			TBD	0	0	17	17	0	0	14	14
2	Raytheon - Tewksbury, MA			TBD	0	0	23	23	0	0	23	23

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0947 / DDG 1000 Class Support Equipment	Modification Number / Title: 1 / Conventional Prompt Strike
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	420.571	251.123	98.145	46.686	0.000	46.686	20.300	0.000	0.000	0.000	0.000	836.825
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	420.571	251.123	98.145	46.686	0.000	46.686	20.300	0.000	0.000	0.000	0.000	836.825
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**420.571**	**251.123**	**98.145**	**46.686**	**0.000**	**46.686**	**20.300**	**0.000**	**0.000**	**0.000**	**0.000**	**836.825**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

FY27 Conventional Prompt Strike (CPS) Shipbuilding, Support, and Installation funding will support work specs for Advanced Gun System (AGS) removal, CPS HM&E modifications, and identifying CPS space requirements. The planning yard will address arrangements, primary structure, and existing distributive system impacts and reconstruction.

FY26 to FY27 decrease is due to long lead material procurements in support of the DDG 1001 BYMP being completed in FY26.

[CPS - Advanced Payload Modules] The production lead time for APMs is 30 months. Delivery schedule for APMs will be in 3 month intervals based on ability to achieve desired industrial capacity. The installation period required for APMs can occur during windows of opportunity for the designated ship.

Unit Cost Increase on FY25 and FY26 APMs due to inflation and commodity price volatility.

[AGS Removal, CPS HM&E Modifications, Shore Support Services] Will support work specs for Advanced Gun System (AGS) removal and identifying CPS space requirements. The planning yard shall address arrangements, primary structure, and existing distributive system impacts and reconstruction.
In addition, this funding will provide waterfront support and installation teams across industry and government.
Contract Award for DDG 1000 Build Yard Modernization Period (BYMP) occurred on December 27, 2023. The industry yard for the BYMP is Huntington Ingalls Industries - Ingalls Shipbuilding located in Pascagoula, MS.
FY26-28 funding - DDG 1001

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	**Modification Number / Title:** 1 / Conventional Prompt Strike
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:** 0204202N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 2: Conventional Prompt Strike - Shipbuilding												
B Kits												
Non-Recurring												
1.1.1) Rubber Boots, Shock Isolation, Hatches - NonOrganic [5]	4 / 15.900	4 / 16.544	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 32.444
1.1.2) Launcher Tubes - NonOrganic [6]	8 / 39.780	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 39.780
1.1.3) CPS HM&E Material - NonOrganic [7]	- / 38.788	- / 36.510	- / 2.530	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 77.828
Subtotal: Non-Recurring	*- / 94.468*	*- / 53.054*	*- / 2.530*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 150.052*
Subtotal: Conventional Prompt Strike - Shipbuilding	*12 / 94.468*	*4 / 53.054*	*- / 2.530*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*16 / 150.052*
Modification Item 2 of 2: Conventional Prompt Strike - Advanced Payload Modules												
B Kits												
Non-Recurring												
2.1.1) CPS - Advanced Payload Modules - NonOrganic [8]	5 / 142.000	3 / 100.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 242.200
Subtotal: Non-Recurring	*- / 142.000*	*- / 100.200*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 242.200*
Subtotal: Conventional Prompt Strike - Advanced Payload Modules	*5 / 142.000*	*3 / 100.200*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*8 / 242.200*
Subtotal: Procurement, All Modification Items	*- / 236.468*	*- / 153.254*	*- / 2.530*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 392.252*
Support *(All Modification Items)*												
3.1) AGS Removal, CPS HM&E Modifications, Shore Support Services	- / 170.453	- / 83.719	- / 95.615	- / 46.686	- / -	- / 46.686	- / 20.300	- / -	- / -	- / -	- / -	- / 416.773
Subtotal: Support	*- / 170.453*	*- / 83.719*	*- / 95.615*	*- / 46.686*	*- / -*	*- / 46.686*	*- / 20.300*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 416.773*
Installation												
Modification Item 1 of 2: Conventional Prompt Strike - Shipbuilding	- / 12.400	- / 12.900	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 25.300
Modification Item 2 of 2: Conventional Prompt Strike - Advanced Payload Modules	- / 1.250	- / 1.250	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 2.500
Subtotal: Installation	*- / 13.650*	*- / 14.150*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 27.800*
Total												

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0947 / DDG 1000 Class Support Equipment	Modification Number / Title: 1 / Conventional Prompt Strike
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: [No Model Specified]	Modification Type: TBD	Related RDT&E PEs: 0204202N

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Total Cost (Procurement + Support + Installation)	**420.571**	**251.123**	**98.145**	**46.686**	**0.000**	**46.686**	**20.300**	**0.000**	**0.000**	**0.000**	**0.000**	**836.825**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	**Modification Number / Title:** 1 / Conventional Prompt Strike
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 2: Conventional Prompt Strike - Shipbuilding

Manufacturer Information

Manufacturer Name: BIW	Manufacturer Location: Bath, Maine
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Oct 2024						
Delivery Dates	Mar 2026						

Manufacturer Name: Bath Iron Works (BIW)Name	Manufacturer Location: Bath, Maine
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 24

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: Build Yard Modernization Period:: Installation Name: Rubber Boots, Shock Isolation, Hatches

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	4 / 6.200	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	4 / 6.200
FY 2025	- / -	0 / 6.450	- / -	4 / 0.000	0 / 0.000	4 / 0.000	- / -	- / -	- / -	- / -	0 / 0.000	4 / 6.450
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	4 / 6.200	0 / 6.450	- / -	4 / 0.000	0 / 0.000	4 / 0.000	- / -	- / -	- / -	- / -	0 / 0.000	8 / 12.650

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	4	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	4	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	**Modification Number / Title:** 1 / Conventional Prompt Strike
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 2: Conventional Prompt Strike - Shipbuilding

Installation Information

Method of Implementation: Build Yard Modernization Period (BYMP):: Installation Name: Launcher Tubes

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	4 / 6.200	4 / 6.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	8 / 12.650
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	4 / 6.200	4 / 6.450	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	8 / 12.650

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	-	-	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0947 / DDG 1000 Class Support Equipment	**Modification Number / Title:** 1 / Conventional Prompt Strike
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 2 of 2: Conventional Prompt Strike - Advanced Payload Modules

Manufacturer Information

Manufacturer Name: Lockheed Martin	Manufacturer Location: Manassas, Virginia
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 30

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Oct 2024						
Delivery Dates	May 2027						

Installation Information

Method of Implementation: BYMP and WOO's:: Installation Name: CPS - Advanced Payload Modules

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	0 / 1.250	- / -	4 / 0.000	1 / 0.000	0 / 0.000	1 / 0.000	- / -	- / -	- / -	- / -	0 / 0.000	5 / 1.250
FY 2025	- / -	0 / 1.250	- / -	1 / 0.000	0 / 0.000	1 / 0.000	2 / 0.000	- / -	- / -	- / -	0 / 0.000	3 / 1.250
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 1.250	0 / 1.250	4 / 0.000	2 / 0.000	0 / 0.000	2 / 0.000	2 / 0.000	- / -	- / -	- / -	0 / 0.000	8 / 2.500

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	1	1	1	1	1	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
Out	-	-	-	-	-	1	1	1	1	1	-	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8

Footnotes:

(5) Rubber Boots, Shock Isolation, and hatches Procurement and Installation is funded in the year of the BYMP contract award. DDG 1000 awarded in FY23 and DDG 1001 is expected to award in FY25.

(6) DDG 1001 Tubes Procured in FY23 and installation funding is budgeted in FY25 to align with BYMP contract in FY25. DDG 1002 Tubes will be procured with SCN funding in FY24.

(7) HM&E Government furnished materials (GFM) and Industrial Activity Furnished Materials required to support CPS integration.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0947 / DDG 1000 Class Support Equipment	Modification Number / Title: 1 / Conventional Prompt Strike
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

(8) Installation funding is budgeted in the year of the BYMP contract award.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0950 / Strategic Platform Support Equip

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	147.119	53.931	38.039	72.163	0.000	72.163	78.687	64.208	55.369	57.632	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	147.119	53.931	38.039	72.163	0.000	72.163	78.687	64.208	55.369	57.632	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**147.119**	**53.931**	**38.039**	**72.163**	**0.000**	**72.163**	**78.687**	**64.208**	**55.369**	**57.632**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	0.051	-	0.051	0.076	0.077	0.151	0.140	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Funding in this P-1 line provides for the procurement of tactical Hull, Mechanical and Electrical (HM&E) equipment that will be installed aboard ships and in the facilities at the TRIDENT Refit Facility (TRF), Navy Intermediate Maintenance Facility (IMF) and TRIDENT Training Facility (TTF). TRF and Navy IMF are dedicated shore support facilities providing a full range of industrial support. TTF provides realistic training experience in operating and maintaining shipboard equipment for the OHIO Class (SSBN/SSGN) Submarines crews. SSBN/SSGN Submarines operate with two separate crews and TTF is critical in maintaining proficiency and certification for continued at-sea operations when not underway.

The magnitude of this funding line is driven by the operational need for modernization and safety alterations. Funding in FY27 supports Strategic Weapons Support Systems (SWSS) Replacement of Hull Keel Depth Transducers for modernization of OHIO Class Hovering and Compensation Systems and modernization of the Missile Dehumidification and Drying Machine. Funding in FY27 also provides additional funding for Passive Fire Protection to wrap Missile Tubes on an additional hull in order to mitigate the potential impact caused by a Missile Compartment Thermal Event. FY27 also funds TRIDENT Load List Range/Depth Additions and Extended Refit Period (ERP) Long Lead Time Material procurements to support SSBN 741's ERP. HM&E Modernization funding enables PMS396 to respond to fleet requests for HM&E modernization for safety and reliability alterations.

Funding allows for continued operation and increased supportability of systems, such as Obsolete Equipment Replacement for Ship Control Subsystem upgrades, Life Support Systems upgrades, Torpedo Tube Fiber Optic Interface Upgrade, SSBN TRIDENT Planned Equipment Replacement Program (TRIPER) Obsolescence, SSBN Emergency Diesel Generator (EDG), EDG Rotatable Pool program, and Emergency Diesel Generator Control Panel (DGCP).

Funding in this P-1 line also provides funding for Non-Propulsion Electronics Equipment (NPES) that will be installed aboard TRIDENT Class submarines as part of the Obsolete Equipment Replacement (OER) Program. Beginning in FY25, all requirements are re-aligned under Budget Line Item 0950 due to the zero-sum transfer of funds from Budget Line Item 2676 into 0950. OER Program is the replacement of existing hardware/software that, though functional, has become operationally obsolete, is no longer in production or supportable with spare parts, or has a high failure rate making them no longer cost effective to maintain. OER hardware/software changes are expected to provide significant cost savings via reduced maintenance costs and use Commercial-Off-The-Shelf (COTS) technology wherever possible as long as all technical requirements are met. This funding line includes performance of the required fully integrated system level testing and certification of changes to the TRIDENT Combat systems prior to installation of the changes on the ship. Integrated testing and certification provide assurance that when the changes are installed in the ship, the TRIDENT Combat system will operate as designed, allowing the ships to maintain their operational schedules and mission capabilities.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0950 / Strategic Platform Support Equip	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / HH009 EQUIPMENT HM&E & SWS/SS ALTERATION]: This provides for the replacement of obsolete equipment to maintain or increase mission capabilities, replacement/modification of equipment identified as unreliable to reduce fleet maintenance, or correct safety items on board OHIO Class Submarines and at dedicated Shore Support Facilities. This line provides equipment procurement and installation, technical planning, training, and associated resources.

[P40A / SCS SHIPALT DEV AND SUSTAINMENT]: Ship Control System (SCS) resolves interoperability issues and provides periodic system upgrades to mitigate obsolescence.

[P40A / SWSS (VAMP MOD 3)]: SSBN Strategic Weapon Support Systems (SWSS) program maintains the SWSS surveillance, modernization and obsolescence management program. This line monitors and predicts SWSS obsolescence issues and plans for program modernization to ensure OHIO class submarines continue to meet mission requirements until replaced by the COLUMBIA Class. Items anticipated may include; Harvesting Critical Components, Reverse Engineering, Form-Fit-Function replacements, providing lifetime buys, providing component-level SHIPALTs (reactive). This includes the development of SWSS Ventilation and Alarm Monitoring Panel(VAMP) MOD 3 solution, which modernizes the equipment to ensure the SWSS program continues to effectively function.

[P40A / SWSS Sustainability]: Complete Non-Recurring Engineering (NRE), Ship Alteration Development and qualification for replacement of major Strategic Weapons Support Systems (SWSS) components and systems. Modernizes OHIO Class submarines SWSS with COLUMBIA technology. The SWSS System is a 1970's analog system that requires modernization to support SSBN. Current OHIO SWSS components will not support end of service life (EOSL). Identification of SWSS obsolescence issues continues to increase as the equipment ages with no advanced warning. The inability to obtain parts are impacting Ao of the SWSS after workarounds have been exhausted. Failure to address obsolescence results in loss of system capability, reduction in Ao, and impacts the ability of the SSBN platform to achieve the 42-year service life. Replacing obsolete SWSS OHIO class components with qualified COLUMBIA class technology minimizes development and qualification effort, mitigates occurrence of unexpected obsolescence issues, and establishes common equipment baseline for remainder of fleet service life.

[P40A / Ohio Class HM&E Modernization]: OHIO Class Hull, Mechanical and Electrical (HM&E) Modernization funds initial cost estimates and planning as well as resolutions to safety, obsolescence, and interoperability issues for lower cost efforts that will not be tracked independently. Previous budget cycles prioritized funding away from this line to other HM&E modernization efforts resulting in a growing backlog. TRIDENT Hull, Mechanical and Electrical systems require modernization for systems safety to address key sustainment issues. These efforts are considered must-fund to address safety, reliability, and Ao risks. Provides funding to support design and development of safety and reliability efforts to address sustainment or obsolescence issues.

[P40A / Missile Compartment Thermal Event (MCTE)]: Missile Compartment Thermal Event (MCTE), commences in FY24, providing for non-recurring engineering (NRE) and alternation (ALT) development, installation material, and installation of equipment (lockers, detectors, cabling) and structural/system modification (bulkheads, piping, valves). Alteration mitigates a high-risk vulnerability identified on strategic assets by providing defense-in-depth (preventing a fire, detecting a fire, containing a fire, suppressing a fire, extinguishing a fire, and slowing the heat transfer to the Missile Tubes).

Beginning in FY26, this line also funds procurement and installation of Passive Fire Protection (PFP) materials (Promat microporous insulation wrap and NoFire A18-NV coating intumescent paint) on all SSBN missile tubes. Passive Fire Protection provides ample mitigation to reduce the risk associated with a sustained thermal event in the Missile Compartment to an acceptable level. Job hazard analysis estimates an unprotected tube will reach the critical temperature in 27-28 minutes while a fully protected tube will take ~300 minutes. The PFP solution was briefed to and accepted by all stakeholders at the Three Star Missile Compartment Thermal Event brief on 10 October 2023. PFP minimizes the potential impact caused by a Missile Compartment thermal event to the strategic deterrence mission.

[P40A / Electric Hull Penetrators]: In FY26, this line funds the procurement of Electrical Hull Penetrators (EHPs) at the rate necessary to support current fleet demands based on historical failure rate of 1 EHP/ Hull/QTR. There is currently zero-stock NSS EHPs for SSBNs. Lack of stock is creating delays in the installation/repairs of equipment, deferred maintenance and preventing continued effort of Depth Mode Noise (DMN) investigation, degrading Strategic Weapons Systems (SWS) Navigation Subsystem accuracy. This effort replenishes the stock. The failure of these components themselves is a great risk to the safety of the ship given the opportunity for severe water damage. Addresses the need to support the DoD's #1 mission, Nuclear Strategic Deterrence.

[P40A / Heat and Smoke Detection Annunciator Network (HASDAN)]: HASDAN modernization resolves a high-risk vulnerability noted for OHIO Class strategic weapons system spaces to detect and respond to a major fire in a low manning condition (i.e. refit or overhaul) situation. An installed fire detection system alleviates this vulnerability by allowing for rapid recognition and response to a fire casualty. Investment in this modernizations will mitigate production/manning costs to establish/disestablish temporary systems during repair/modernization periods.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0950 / Strategic Platform Support Equip	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / Life Support System (LPE) Procurement]: The Submarine Life Support System provides necessary design/development, procurement, and installation efforts to address required modernization changes to the Submarine Life Support Systems. Oxygen Generators are necessary for life support and to maintain submarine stealth while on mission. This funding currently funds replacement of the Electrolytic Oxygen Generator (EOG) with a Low Pressure Electrolyzer (LPE) on both SSBN and SSGN submarines. The LPE produces oxygen at low pressure, eliminating the need for high pressure oxygen storage. There will be two LPEs on each SSBN/SSGN Class submarine. EOG's must be replaced by LPE's on OHIO SSBNs to ensure they can sustain current operational availability requirements through their 42 yr service life. Therefore, procurements are driven by the OHIO Class maintenance period schedule. The replacement of the EOG with the LPE must be done during a major maintenance availability due to the time to complete the installation. Future efforts will include design and development efforts for the Central Atmosphere Monitoring System (CAMS) sustainment for SSGN/BN classes.

[P40A / Combat Control System (CCS) Revision Eng/Cert Test]: This program develops upgrades to legacy systems to maintain required interface connectivity to other Program Acquisition Resource Manager (PARM) managed subsystems in response to PARMs modernizations, or to address obsolescence, or where mandated requirement changes (example Cyber Security) drive changes to hardware or software.

[P40A / SSBN Legacy CCS Modernization]: This program is critical to maintaining OHIO Class SSBN operational to the end of service life and delivery of COLUMBIA Class SSBN replacements. The program resolves Data Processing Subsystem (DPS) obsolescence issues and conjunctively supports the upgrade of the SSBN legacy CCS to the Submarine Warfare Federated Tactical Systems (SWFTS) architecture common with the SSN/SSGN classes. Collectively, the DPS and SWFTS upgrades modify Fire Control, SONAR, Voyage Management System (VMS), RADAR, Tactical Navigation, and Periscopes, and collaterally impact Ship Control, Monitoring Subsystem, and interfaces to ship sensors such as speed, depth, and Extremely High Frequency Satellite Communication navigation data. The DPS upgrade includes replacing all UYK-43 computers, DPS workstation, TRIDENT Signal Data Converters (TSDC), and the UGC-143 with a modified Electronic Control Display Unit (ECDU). The ECDU is common equipment on VA Class and planned for the COLUMBIA Class. The ECDU requires hardware and software development to interface to the Strategic Weapon System (SWS) Navigation and maintain critical Ship to SWS interface requirements. The ECDU and all the associated CCS architecture modifications are required to be installed conjunctively with SWFTS. Continued operation of the SSBN strategic mission will require the implementation of the ECDU upgrade along with the SWFTS upgrade.

[P40A / TT Fiber Optic Interface Upgrade]: New weapons systems such as the MK 48 Mod 8 / Mod 9 torpedo use a fiber optic guidance wire interface rather than the legacy copper wire system. This requires installation of a new torpedo tube penetrator. Funding is required to design, procure, and install new penetrators on all in service SSBNs.

[P40A / SSBN TRIPER Obsolescence]: TRIDENT Planned Equipment Replacement (TRIPER) program for Hull, Mechanical and Electrical systems require modernization to address key sustainment issues. HM&E systems on these boats have been maintained utilizing modernization at the lowest repairable unit to address obsolescence issues. This funding will resolve specific issues related to HM&E systems no longer supportable.

[P40A / SSBN Emergency Diesel Generator (EDG) Sustainment]: TYCOM, NAVSEA 08, NAVSEA 05, SSBN PEO priority tasking for modernization efforts related to risk reduction for Emergency Diesel Generators. Efforts focus on reducing hard shutdowns, improving lubrication from cold start, and resolving obsolescence issues. Funding provides for NRE and ALT development of multiple EDG upgrades, procurement of installation material, and onboard installation of equipment to include structural/system modification to support installation.

[P40A / EDG Rotable Pool Program]: The Emergency Diesel Generator (EDG) Rotatable Pool is critical to reducing risk to availabilities by ensuring long-lead time parts are kitted and available for execution. Funding will also go towards resolving TRIPER components that are coming to the end of economic reparability that are no longer available for procurement and require engineering efforts to resolve obsolescence.

[P40A / SSBN EDG Modernization - DGCP (Control Panel)]: Emergency Diesel Generator Control Panel (DGCP) replaces an obsolete system. This modernized, digital DGCP, will replace the legacy DGCP and address numerous obsolescence issues within the cabinet itself. This effort enables improvement such as Reverse Power Monitoring and logging, Main Bearing Temperature logging and alarms, and Firing Temperature and Pressure alarms and logging, and vibration monitoring, logging, and analysis. Ao improvements are expected due to a combination of having parts available instead of rolling cannibalizations and the early identification of negative trends within both the Diesel and Generator components. EDG alterations will modernize the diesel and generator monitoring systems, addressing the concerns of COMSUBFOR, NAVSEA 08, and NAVSEA 05.

[P40A / Oversight - AIT Installation Support (SIB)]: Submarine Industrial Base (SIB) funding for required SSBN oversight and availability execution associated with Alteration Installation Team (AIT) installations.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0950 / Strategic Platform Support Equip	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / TRIDENT Load List Range/Depth Additions]: Funding to support Trident Load List (TLL) material procurements of in-execution year range and depth adds as determined by configuration changes, demand history and TYCOM/Trident Refit Facility candidate nominations. Supports funding of TLL component candidate additions ensuring parts are available in support of operational requirements.

[P40A / HH012 EQUIPMENT HM&E TRIDENT ENGINGEERING AVAILABILITY]: TRIDENT Engineered Availability (EA) support funding is required to provide system engineering, technical, logistic and configuration management support for all accomplished modernization during the SSBN 726 Class Submarine Engineered Availabilities (EAs). This program also provides funding for Quality Assurance (QA) oversight and certification by Supervisor Of Shipbuilding, Groton (SOS Groton) of SHIPALTS performed by Electric Boat Corporation (EB), provides funding to the Planning Yard for Configuration Record change and Liaison Action Request processing, and Selected Record Drawings mark ups for SHIPALT-related work, accomplishment of availability work package requirements assigned to the Planning Yard such as Design Review hanger inspections, Integrated Logistic Support product updates, and Configuration Overhaul Planning Product development and distribution for each availability. The program also provides funding for NUWC Newport system-level final end-to-end certification test development and onboard test conduct and analysis to support end of CNO availability certification of entire Command and Control system as ready for sea and strategic deployment. This system-level engineering support is provided during Extended Refit Periods (ERPs) and Maintenance & Modernization Periods (MMPs).

[P40A / Extended Refit Period (ERP) Long Lead Time Material Procurement]: Funding to execute Long Lead Time Material (LLTM) procurements in support of Extended Refit Period (ERP) maintenance for SSBNs 741-743. Due to the incremental maintenance philosophy of SSBNs, forecasting the material required to execute depot-level maintenance is more challenging and nuanced than with other maritime platforms. Material procurements are grouped together to enable more effective contracting actions, to leverage economies of scale, and to minimize the existing capacity and throughput challenges of the defense industrial base.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0950 / Strategic Platform Support Equip

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Strategic Platform Support Equip				- / 147.119	- / 53.931	- / 38.039	- / 72.163	- / -	- / 72.163
P-40	**Total Gross/Weapon System Cost**				**- / 147.119**	**- / 53.931**	**- / 38.039**	**- / 72.163**	**- / 0.000**	**- / 72.163**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
Increased funding in FY27 supports Strategic Weapons Support Systems (SWSS) Replacement of Hull Keel Depth Transducers for modernization of OHIO Class Hovering and Compensation Systems and procurement and fielding of the Missile Dehumidification and Drying Machine. Funding increases in FY27 for Passive Fire Protection to wrap Missile Tubes on an additional hull in order to mitigate the potential impact caused by a Missile Compartment Thermal Event. Funding commences in FY27 to support TRIDENT Load List Range/Depth Additions and Extended Refit Period Long Lead Time Material procurements to support SSBN 741's ERP.

Additionally, increased funding in FY27 supports development, procurement and installation of critical Ohio Class HM&E Modernization. HM&E Modernization funding enables PMS396 to respond to fleet requests for HM&E modernization for safety and reliability alterations. This allows for continued operation and increased supportability of systems, such as Torpedo Tube Fiber Optic Interface Upgrade, Torpedo Tube Fiber Optic Penetrator (TTFOP), SSBN Emergency Diesel Generator (EDG) Sustainment, and EDG Modernization - DGCP (Control Panel).

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0950 / Strategic Platform Support Equip	**Aggregated Items Title:** Strategic Platform Support Equip

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) HH009 EQUIPMENT HM&E & SWS/SS ALTERATION																				
1.1) SCS SHIPALT DEV AND SUSTAINMENT	A		-	-	42.202	-	-	1.842	-	-	1.482	-	-	0.549	-	-	-	-	-	0.549
1.2) SWSS (VAMP MOD 3) (1)	A		-	-	9.978	-	-	0.742	-	-	-	-	-	-	-	-	-	-	-	-
1.3) SWSS (VAMP MOD 3) Installation	A		-	-	2.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) SWSS Sustainability (2)	A		-	-	7.057	-	-	8.048	-	-	6.718	-	-	12.556	-	-	-	-	-	12.556
1.5) Ohio Class HM&E Modernization (3)	A		-	-	1.932	-	-	7.896	-	-	-	-	-	15.758	-	-	-	-	-	15.758
1.6) Missile Compartment Thermal Event (MCTE) (4)	A		-	-	1.592	-	-	1.564	-	-	4.858	-	-	10.219	-	-	-	-	-	10.219
1.8) Missile Compartment Thermal Event (MCTE) Installation	A		-	-	0.829	-	-	0.830	-	-	0.856	-	-	-	-	-	-	-	-	-
1.9) Heat and Smoke Detection Annunciator Network (HASDAN) (5)	A		-	-	7.109	-	-	1.620	-	-	-	-	-	-	-	-	-	-	-	-
1.10) Life Support System (LPE) Procurement (6)	A		-	-	4.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.11) Life Support Systems (Design & Development) (7)	A		-	-	6.566	-	-	2.743	-	-	0.082	-	-	0.168	-	-	-	-	-	0.168
1.12) Common Platform Engineering (8)	A		-	-	-	-	-	1.104	-	-	1.117	-	-	1.139	-	-	-	-	-	1.139
1.13) Combat Control System (CCS) Revision Eng/Cert Test (9)	A		-	-	-	-	-	2.672	-	-	2.763	-	-	2.815	-	-	-	-	-	2.815
1.14) SSBN Legacy CCS Modernization (10)	A		-	-	-	-	-	2.663	-	-	2.694	-	-	2.748	-	-	-	-	-	2.748
1.15) TT Fiber Optic Interface Upgrade (11)	A		-	-	-	-	-	0.946	-	-	0.927	-	-	1.290	-	-	-	-	-	1.290
1.16) SSBN TRIPER Obsolescence (12)	A		-	-	-	-	-	2.660	-	-	2.713	-	-	2.767	-	-	-	-	-	2.767

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0950 / Strategic Platform Support Equip	Aggregated Items Title: Strategic Platform Support Equip

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.17) SSBN Emergency Diesel Generator (EDG) Sustainment [13]	A		-	-	-	-	-	3.940	-	-	2.760	-	-	3.515	-	-	-	-	-	3.515
1.18) EDG Rotable Pool Program [14]	A		-	-	-	-	-	2.370	-	-	4.608	-	-	3.934	-	-	-	-	-	3.934
1.19) SSBN EDG Modernization - DGCP (Control Panel)	A		-	-	-	-	-	9.000	-	-	3.000	-	-	2.312	-	-	-	-	-	2.312
1.20) Life Support System (LPE) Installation [15]	A		-	-	1.083	-	-	-	-	-	1.165	-	-	1.107	-	-	-	-	-	1.107
1.21) Oversight - AIT Installation Support (SIB)	A		-	-	0.370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.22) TRIDENT Load List Range/Depth Additions [16]	A		-	-	-	-	-	-	-	-	-	-	-	4.814	-	-	-	-	-	4.814
Subtotal: 1) HH009 EQUIPMENT HM&E & SWS/SS ALTERATION			**-**	**-**	***84.818***	**-**	**-**	***50.640***	**-**	**-**	***35.743***	**-**	**-**	***65.691***	**-**	**-**	**-**	**-**	**-**	***65.691***
2) HH012 EQUIPMENT HM&E TRIDENT ENGINGEERING AVAILABILITY																				
2.1) SHIPALT INSTALLATION AND ENGINEERING SERVICES [17]	A		-	-	26.023	-	-	1.382	-	-	0.534	-	-	0.669	-	-	-	-	-	0.669
2.2) CCS EQUIPMENT REFURBISHMENT & SHIPBOARD TESTING	A		-	-	21.743	-	-	1.119	-	-	1.001	-	-	1.225	-	-	-	-	-	1.225
2.3) HM&E EQUIPMENT REFURBISHMENT & SHIPBOARD TESTING	A		-	-	14.535	-	-	0.790	-	-	0.761	-	-	0.864	-	-	-	-	-	0.864
2.4) Extended Refit Period (ERP) Long Lead Time Material Procurement [18]	A		-	-	-	-	-	-	-	-	-	-	-	3.714	-	-	-	-	-	3.714
Subtotal: 2) HH012 EQUIPMENT HM&E TRIDENT ENGINGEERING AVAILABILITY			**-**	**-**	***62.301***	**-**	**-**	***3.291***	**-**	**-**	***2.296***	**-**	**-**	***6.472***	**-**	**-**	**-**	**-**	**-**	***6.472***
Total			**-**	**-**	**147.119**	**-**	**-**	**53.931**	**-**	**-**	**38.039**	**-**	**-**	**72.163**	**-**	**-**	**-**	**-**	**-**	**72.163**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0950 / Strategic Platform Support Equip	**Aggregated Items Title:** Strategic Platform Support Equip

Footnotes:

(1) Development of SWSS VAMP MOD 3 solution is required to modernize the equipment to ensure the SWSS program continues to effectively function with the boat's Technical Insertion (TI) platform as it is upgraded by Submarine Warfare Federated Tactical System (SWFTS). If not modernized, the new SWSS equipment will not function properly.

(2) Some FY26 required Strategic Weapons Support Systems (SWSS) development efforts were deferred to FY 2027 in order to fund other Navy priorities. Increase in FY27 funds replacement of Hull Keel Depth Transducers, sensor calibration and software updates to VAMP MOD 3, and Missile Dehumidification and Drying Machine (MDDDM) procurements. The Strategic Weapons Support Systems (SWSS) sensors being replaced include MHC Water temp sensors, MHC Pump DP Sensor, DP Airflow Sensor, MDD Differential Pressure Sensors, MDD Gauge Pressure Sensors, MG Trap Tank Liquid Level Sensor, MHC Expansion Tank Liquid Level Sensor, Electro-Pneumatic Transducer.

(3) FY26 required Ship Alteration development efforts were deferred to FY 2027 in order to fund other Navy priorities. The FY27 increase restores HM&E development funding to the level required to execute deferred engineering work, complete critical technical reviews, and deliver the platform-level upgrades necessary to support strategic warfare capabilities. The FY27 increase funds ship alts for development and installation of replacing OHIO Class clothes washers, obsolete ACN-4001R Breakers, rescue seat protectors, and Emergency Main Ballast Tank (EMBT) Blow system reliability and obsolescence efforts. Additional development efforts will address Ohio class R-114 AC unit obsolescence, multiple/various valve obsolescence, and safety deficiencies as they are discovered. Modernizations targeted in this line specifically address reliability and risk reduction on systems which have negatively impacted SSBN Ao.

(4) Additional funding in FY27 funds the procurement and installation of Passive Fire Protection (PFP) materials (Promat microporous insulation wrap and NoFire A18-NV coating intumescent paint) for an additional SSBN Hull.

(5) Following the USS MIAMI fire, a high-risk vulnerability assessment was conducted on the ability to detect and respond to a major fire, within OHIO Class strategic weapons system spaces, in a low manning condition (i.e. refit or overhaul). A permanently installed fire detection system was identified to partially mitigate this vulnerability by allowing for rapid recognition and response to a fire casualty as well as eliminate production/manning costs to establish/disestablish temporary systems during repair/modernization periods.

(6) FY26 required Low Pressure Electrolyzer (LPE) procurement efforts were deferred in order to fund other Navy priorities. LPE unit orders are timed to support installations during a long refit. Installations are also aligned when current oxygen generators would receive required replacement of cells which are necessary for continued operation of legacy oxygen generators, thus avoiding an approximate $2M/ship additional maintenance cost. Funding supports procurement of Low Pressure Electrolyzers (LPEs) on OHIO Class submarines two (2) to coincide with availability schedules. Each OHCL boat requires 2 LPEs.

(7) Submarine Life Support Systems design and development supports ongoing efforts for Central Atmospheric Monitoring System (CAMS), Diesel Exhaust, Electro Oxygen Generators (EOG), Automatic Electro-Oxygen Generators (AEOG), Oxygen Concentration (SAROS), other oxygen generators (ILPE, AILPE, LPE), CO2 Scrubbers, and Burners.

(8) OPNAV transferred Common Platform Engineering from Budget Line Item 2676 into 0950 commencing in FY25 as a zero-sum transfer of funds.

(9) OPNAV transferred Combat Control System (CCS) Revision Eng/Cert Test from Budget Line Item 2676 into 0950 commencing in FY25 as a zero-sum transfer of funds.

(10) OPNAV transferred SSBN Legacy CCS Modernization from Budget Line Item 2676 into 0950 commencing in FY25 as a zero-sum transfer of funds.

(11) Funding commences in FY25 and provides for NRE, procurement, and installation of new torpedo tube penetrators in order to interface with the new MK48 Mod 8 / Mod 9 fiber optic guidance wire interface which replaces the legacy copper wire system.

(12) Funding commences in FY25 for TRIDENT Planned Equipment Replacement (TRIPER) obsolescence solutions.

(13) Funding commences in FY25 and provides for NRE and ALT development of multiple Emergency Diesel Generator (EDG) upgrades, procurement of installation material, to include structural/system modification to support installation. The FY25 to FY26 decrease is due to some development efforts maturing.

(14) Funding commences in FY25 for Emergency Diesel Generator (EDG) rotatable pool to reduce risk to availabilities by ensuring long-lead time parts are kitted and available for execution. Increased funding in FY26 is required for additional long-lead time parts in order to fully standup the pool.

(15) FY26 funding installs Life Support System (LPE) material procured in FY24.

(16) Funding commences in FY27 to ensure sufficient funds are available to support this critical, pre-positioned TRIDENT material ensuring that parts are available at the Trident Refit Facilities.

(17) Beginning in FY22, significant effort to drive down the backlog of necessary updates for Configuration Record changes, Liaison Action Request processing, Selected Drawings (SRD) mark-ups for SHIPALT-related work, accomplishment of Availability work packages (AWP) requirements assigned to the Planning Yard, such as Design Review hanger inspections, Integrated Logistic Support product updates, and Configuration Overhaul Planning Product development for each availability (ERP/ERO). This paperwork, which started to significantly backlog in the last few years, is vital to properly sustaining each Strategic boat by ensuring clear and accurate as-built configuration control of capabilities installed in each hull, as well as to execute expedient new development and incorporation of new technology onboard these Strategic platform.

(18) Funding commences in FY27 and is phased to support 741 ERP in FY27 and SSBNs 742 and 743 in FY29. Material procurements are grouped together to enable more effective contracting actions, to leverage economies of scale, and to minimize the existing capacity and throughput challenges of the defense industrial base.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0955 / Deep Subm Sys Proj (DSSP) Equip
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A
Other Related Program Elements: N/A	
Line Item MDAP/MAIS Code: N/A	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	63.694	4.586	5.849	7.440	0.000	7.440	5.653	5.742	5.856	5.970	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	63.694	4.586	5.849	7.440	0.000	7.440	5.653	5.742	5.856	5.970	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**63.694**	**4.586**	**5.849**	**7.440**	**0.000**	**7.440**	**5.653**	**5.742**	**5.856**	**5.970**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Undersea Special Mission Systems Program, formerly Deep Submergence Systems Program (DSSP), is responsible for the procurement, life cycle support, improvement and modernization of assigned platforms and programs. The Undersea Special Missions Systems Program provides for the procurement of equipment to support the establishment and maintenance of fleet capability for a number of programs which perform submarine rescue, escape, search, inspection, and object location and retrieval from the ocean environment. Submarine escape and rescue procurements replace obsolete, non-supportable equipment and subsystems through phased improvement and modernization projects. These projects may include special ship alterations, field change kits, and design corrections.

FY2027 funding provides modernization of special mission systems, including the Navy's only Submarine Rescue System (SRS) assets. Modernization of the SRS is necessary to address known reliability and obsolescence issues and to sustain the system through its end-of-life period, ensuring continued operability until replacement.

SOURCES: The sources for these acquisitions are limited. There are few private companies actively engaged in deep ocean engineering and even fewer with the specialized certifications, experience, knowledge, and facilities to meet the exacting requirements of submarine escape and rescue. Accordingly, sole source contracts are sometimes required; however, where possible, contracting via open competition is utilized.

[P40A / HJ030 - RESCUE SUPPORT EQUIPMENT]: Intervention Systems (Remotely Operated Vehicles (ROV)/ SRS: Intervention assets (ROV) are required to support the SRS world-wide rescue capability mission. Intervention assets are used to clear disabled submarine's seating surfaces, attach salvage fittings, deliver emergency life support stores, and assess distressed submarines condition. The ROV is an unmanned system that reduces operational risk from the previous Intervention Assets that were a manned system, Atmospheric Diving System (ADS). SRS is the pressurized rescue ready system for the U.S. Navy. SRS was delivered in increments; the Submarine Rescue System-Rescue Capable System (SRS-RCS) completed OPEVAL in FY08, and the final component of SRS was the Submarine Rescue System-Submarine Decompression System (SRS-SDS) providing the Transfer Under Pressure (TUP) capability which has been delivered and completed Initial Operating Capability (IOC)/Final Operating Capability (FOC) in FY2019.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0955 / Deep Subm Sys Proj (DSSP) Equip
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A / **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Deep Subm Sys Proj (DSSP) Equip				- / 63.694	- / 4.586	- / 5.849	- / 7.440	- / -	- / 7.440
P-40	**Total Gross/Weapon System Cost**				**- / 63.694**	**- / 4.586**	**- / 5.849**	**- / 7.440**	**- / 0.000**	**- / 7.440**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY2027 increase over FY2026 supports scheduled procurement of those technologies and subsystems developed in previous years that support the modernization of the U.S. Submarine Rescue System (SRS), to include the procurement and implementation of Pressurized Rescue Module (PRM) toxic gas detection system to address known capability gaps. Navy added these additional resources to provide a credible SRS for our sailors and ally partner nations.

FY 2027 funding is to continue the SRS modernization and upgrade. Funding levels required in order to meet fleet wholeness requirements for resiliency related to submarine rescue system critical items, sparing, and operational availability and crucial field changes.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0955 / Deep Subm Sys Proj (DSSP) Equip	**Aggregated Items Title:** Deep Subm Sys Proj (DSSP) Equip

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) HJ030 - RESCUE SUPPORT EQUIPMENT																				
1.1) SRS Modernization and Upgrade Spares	A		-	-	63.694	-	-	4.586	-	-	5.849	-	-	7.440	-	-	-	-	-	7.440
Subtotal: 1) HJ030 - RESCUE SUPPORT EQUIPMENT			**-**	**-**	***63.694***	**-**	**-**	***4.586***	**-**	**-**	***5.849***	**-**	**-**	***7.440***	**-**	**-**	**-**	**-**	**-**	***7.440***
Total			**-**	**-**	**63.694**	**-**	**-**	**4.586**	**-**	**-**	**5.849**	**-**	**-**	**7.440**	**-**	**-**	**-**	**-**	**-**	**7.440**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0956 / Small Unmanned Surface Vehicles

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	0.000	0.585	0.000	0.585	2.195	2.026	2.081	2.122	-	9.009
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.000	0.585	0.000	0.585	2.195	2.026	2.081	2.122	-	9.009
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**0.000**	**0.585**	**0.000**	**0.585**	**2.195**	**2.026**	**2.081**	**2.122**	**-**	**9.009**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This Other Procurement, Navy line item supports the Golden Fleet Strategy by rapidly fielding many resilient, aeratable systems with diverse capabilities such as the key programs within the Unmanned Surface Vehicle (USV) Family of Systems (FoS). The sUSV Portfolio consists of a family of systems designed to meet an urgent Geographic Combatant Command Requirement. The sUSV FoS fulfill's the Navy's emergent need to operate sUSVs with autonomous software while operating at long distances. The Navy defined the emergent need to operate and refine tactics with the sUSVs through two efforts. A single sUSV within the sUSV FoS consists of a USV, a communications system, a command and control (C2) station, the procurement and integration of autonomy software, and a payload that will be integrated once the USV is delivered.

The GARC is an unmanned vehicle that requires a high bandwidth datalink to operate at long distances. Additionally, the platform is equipped with a radar, infrared devices, and capable of carrying various payloads. The platform includes an autonomy ready package, high-definition surveillance cameras, and remote command and control capabilities. The CORSAIR program consists of a combination of sUSVs that will be used to conduct Naval operations to meet an urgent Geographic Combatant Command Requirement. sUSV CORSAIR is a production-ready, inexpensive Maritime capability leveraging the best of commercial technology and innovations at speed and scale.

The One Way Attack (OWA) Surface program consists of sUSVs that will be used to conduct Naval operations to meet an urgent Geographic Combatant Command Requirement. Which is a production-ready, low-cost Maritime capability leveraging the best of commercial and government technology and innovations at speed and scale.

Starting in FY2026, LI 0956 has been established for Small Unmanned Surface Vehicles. The Small Unmanned Surface Vehicle Family of Systems was previously funded under LI 1210 H00014.

The FY2026 spend plan for 0956 Small Unmanned Surface Vehicles (sUSV) includes $0 million of discretionary and $1,406 million of mandatory for a total of $1,406 million.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0956 / Small Unmanned Surface Vehicles

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	1 / Small Unmanned Surface Vehicles				- / 0.000	- / 0.000	- / 0.000	- / 0.585	- / 0.000	- / 0.585
P-40	**Total Gross/Weapon System Cost**				**- / 0.000**	**- / 0.000**	**- / 0.000**	**- / 0.585**	**- / 0.000**	**- / 0.585**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The FY2027 funding request for 0956 Small Unmanned Surface Vehicles (sUSV) continues CORSAIR procurement and the associated GARC/CORSAIR fielding hardware.

This line now also includes sUSV One way attack vehicle previously procured in PANMC 1776. As these vehicle's procurement efforts are part of the Small Unmanned Surface Vehicle Family of Systems not previously called out in there own exhibit.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0956 / Small Unmanned Surface Vehicles	**Item Number / Title [DODIC]:** 1 / Small Unmanned Surface Vehicles
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	0.000	0.585	0.000	0.585
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.000	0.585	0.000	0.585
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**0.000**	**0.585**	**0.000**	**0.585**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($ K)*	Qty *(Each)*	Total Cost *($ M)*
Support - Production Engineering Cost																		
5.3) JC003 - sUSV Support Equipment	-	-	-	-	-	-	-	-	-	-	-	0.585	-	-	-	-	-	0.585
Subtotal: Support - Production Engineering Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***0.585***	**-**	**-**	**-**	**-**	**-**	***0.585***
Gross/Weapon System Cost	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.585**	**-**	**-**	**0.000**	**-**	**-**	**0.585**

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0970 / LCAC

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	186.890	11.013	0.000	22.515	0.000	22.515	17.116	17.403	18.579	18.943	-	292.459
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	186.890	11.013	0.000	22.515	0.000	22.515	17.116	17.403	18.579	18.943	-	292.459
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**186.890**	**11.013**	**0.000**	**22.515**	**0.000**	**22.515**	**17.116**	**17.403**	**18.579**	**18.943**	**-**	**292.459**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The LCAC (Landing Craft, Air Cushion), which consists of both the legacy and LCAC 100 classes of craft, mission is to transport weapons systems, equipment, cargo, and personnel of the assault elements for the Marine Air/Ground Task Force from ship to shore and across the beach. The LCAC rides on a cushion of air contained in a flexible skirt and is propelled by two aft-mounted, reversible, variable pitch propellers. It is capable of speeds in excess of 40 knots. The LCAC sustainment funding is programmed for equipment procurement using OPN to replace selected engines, Personnel Transport Modules and other equipment that the fleet urgently requires to maintain acceptable levels of readiness.

LC001 - LCAC SYSTEM UPGRADES
The LCAC System Upgrade Program provides procurement and installation of components required to maintain acceptable levels of fleet operational readiness. LCAC System Upgrade Program will also provide materials to support systems upgrades. Equipment removal and installation will take place at Assault Craft Unit FOUR (ACU 4), ACU 5 and Naval Beach Unit SEVEN (NBU 7). Specific items procured vary from year to year based on Fleet needs; these items include but are not limited to C4N upgrades and deep skirt replacements.

LC002 - ENGINES
The ETF-40B engines are enhanced versions of the current TF-40B engines and are installed on Service Life Extension Program (SLEP) craft. Catastrophic engine failures have highlighted the need for spare engines to reduce operational downtime. Engine procurements are also for Pack Up Kits (PUKs) that accompany fleet deployment of LCACs aboard amphibious ships. Additional ETF-40B Engines will be needed to meet operational needs.

LC007 - LIGHTWEIGHT ARMOR
The portable lightweight armor system replaces the existing armor system. The portable system can be transported via a Container Express (CONEX) box and provides the fleet ballistic/fragmentation protection to manned spaces on the craft as well as to selected machinery components.

LC008 - COLD WEATHER KITS
LCAC requires to be capable of operating in temperature ranges from 10 degrees Fahrenheit to 100 degrees Fahrenheit. In order to operate in weather conditions below 50 degrees Fahrenheit, a cold weather kit is required. Snow and ice accumulation leads to actuation of a safety system that bypasses the main engine inlet air filtration system and allows engines to draw in unfiltered air. Cold weather kits prevent snow and ice accumulation in the main engines during cold weather operations keeping the craft operational during deployments.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0970 / LCAC	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

LC009 - PERSONNEL TRANSPORT MODULE
The Personnel Transport Module (PTM) provides the capability of the Landing Craft Air Cushion (LCAC) to transport personnel and protect occupants from the elements inherent in an amphibious environment.

LC010 - LCAC 100 CLASS MAJOR SHORE BASED SPARES (Ship to Shore Connector, SSC)
Major Shore Based Spares (MSBS) Spares to be procured beginning in FY22 include major equipment with long lead times including such items as Engines, Skirts, Composites, Auxiliary Power Units, Propellers, Bow and Stern Ramps, Gearboxes, Lift Fan Impellers, and Fuel Pump & Metering Units. First craft arrived at the ACU 4 in FY22.

LC011 - TRAINER SYSTEM UPGRADES AND MODERNIZATION
Upgrade / modernization of the LCAC Full Motion Trainer (FMT), which provides essential training for the Operator, Engineer, Navigator, and Group Commander of the LCAC, in the complex skills required for the safe operation of the LCAC in both normal and casualty mode.

Note: The FY 2026 spend plan for LCAC includes $0 thousand in discretionary and $20,321 thousand of mandatory (reconciliation) for a total of $20,321 thousand. The mandatory funds were provided in the One Big Beautiful Bill Act (OBBBA) and will procure Major Shore Based Spares (MSBS) for LCAC 100 class craft.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0970 / LCAC
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LCAC				- / 186.890	- / 11.013	- / -	- / 22.515	- / -	- / 22.515
P-40	**Total Gross/Weapon System Cost**				**- / 186.890**	**- / 11.013**	**- / 0.000**	**- / 22.515**	**- / 0.000**	**- / 22.515**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The increase from FY26 to FY27 is due to an increase in the planned procurement of Major Shore Based Spares (MSBS) for LCAC 100 class including spare engines.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0970 / LCAC	**Aggregated Items Title:** LCAC

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) LCAC																				
1.1) LC001 LCAC SYSTEMS UPGRADE	A		2,011K	38	76.405	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) LC002 ENGINES	A		2,049K	23	47.138	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) LC007 LIGHTWEIGHT ARMOR	A		610,545.45	11	6.716	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) LC008 COLD WEATHER KITS	A		646,285.71	7	4.524	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) LC009 PERSONNEL TRANSPORT MODULE	A		857,090.91	11	9.428	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) LC010 LCAC 100 CLASS MAJOR SHORE BASED SPARES (SSC)	A		-	-	42.679	-	-	11.013	-	-	-	-	-	22.515	-	-	-	-	-	22.515
Subtotal: 1) LCAC			**-**	**-**	***186.890***	**-**	**-**	***11.013***	**-**	**-**	**-**	**-**	**-**	***22.515***	**-**	**-**	**-**	**-**	**-**	***22.515***
Total			**-**	**-**	**186.890**	**-**	**-**	**11.013**	**-**	**-**	**-**	**-**	**-**	**22.515**	**-**	**-**	**-**	**-**	**-**	**22.515**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0603654N, 0604230N

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	280.087	16.650	22.355	20.575	0.000	20.575	27.300	27.765	28.304	28.860	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	280.087	16.650	22.355	20.575	0.000	20.575	27.300	27.765	28.304	28.860	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**280.087**	**16.650**	**22.355**	**20.575**	**0.000**	**20.575**	**27.300**	**27.765**	**28.304**	**28.860**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	0.357	-	2.254	-	2.254	1.764	3.610	0.353	0.327	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Underwater Explosive Ordnance Disposal (EOD) program supplies EOD and maritime expeditionary forces with the necessary allowance outfitting, and diving and diving-related equipment aligned to fulfill assigned missions that includes Expeditionary Mine Countermeasures (ExMCM), and other maritime expeditionary missions. Most equipment must have inherently low acoustic and magnetic signatures to support maritime operations in the vicinity of influence fired ordnance. This funding supports outfitting the Navy's only comprehensive capability that can conduct full spectrum detect-to-engage ExMCM missions. Specifically, the (EOD) program supports EOD units worldwide as well as Mobile Diving and Salvage Units (MDSUs) and Naval Construction Forces (NCF) across the globe.

The nature of the missions assigned to EOD and MCM forces under OPNAVINST 3501.97, Required Operational Capabilities & Projected Operational Environments (ROC/POE), require an aggregated set of systems and equipment to perform the wide range of mine countermeasures, underwater detection, location, investigation, force protection, exploitation, and neutralization tasks that comprise the mission set. The requirements for the procurement of each of these system suites are articulated in OPNAV approved requirements documents in accordance with DoD Directive 5000.2 and SECNAVINST 5000.2, and in accordance with the approved ExMCM ICD and ExMCM Concept of Operations.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** 0603654N, 0604230N
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	1 / Underwater EOD Programs	P-5a, P-21			- / 169.654	- / 16.650	- / 22.355	- / 20.575	- / 0.000	- / 20.575
P-5	2 / Expeditionary Mine Countermeasures (ExMCM)	P-5a, P-21			- / 110.433	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-40	**Total Gross/Weapon System Cost**				**- / 280.087**	**- / 16.650**	**- / 22.355**	**- / 20.575**	**- / 0.000**	**- / 20.575**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 funding is required to continue procurement and fielding of Underwater EOD program systems and equipment to outfit ExMCM Companies, EOD Units, MDSUs, and NCFs with advanced sensors and hardware required to accomplish their OPNAV approved missions. This equipment will allow warfighters to detect, locate, neutralize, and render safe unexploded ordnance including improvised explosive devices; conduct expeditionary salvage; and underwater construction missions.

FY 2027 funding continues procurement of Maritime Expeditionary Standoff Response (MESR) Payload Kits and MESR Platforms. Funding also procures the next generation of Advanced Diver Integrated Sensors (STRIDENT), significantly increasing EOD diver capability to neutralize, destroy, or recover undersea mines. Future years also procure the next generation Remote Underwater Firing Initiation System (RUFIS), which uses acoustic signals to actuate energetic tools and detonate explosive payloads from large distances underwater, and the next generation underwater breathing apparatus.

-CE 4.1.3 MK16 MOD 1 Product Improvement Program (PIP) also known as the MK16 MOD 3: OPNAV N957 direction to upgrade the fielded inventory of MK16 MOD 1 UBAs to MOD 3 UBAs and procure and upgrade additional UBAs as necessary to meet the inventory objective of 468. Unit Cost Increase in FY 2026 and FY 2027 reflects full unit build from scratch, versus previous component and subassembly replacement and improvement in existing fielded UBA units

-CE 4.1.4 Next Generation Underwater Breathing Apparatus: direction to sustain the fielded inventory of MK16 MOD 1 UBAs and accelerate development and procurement of a next generation UBA for the EOD and expeditionary salvage force to inventory objective.

Additionally, this line enables production engineering and integrated logistics support needed for all ExMCM Companies, EOD Units, MDSUs, and NCFs. These systems provide the only ExMCM capability in the US Navy. If not properly outfitted, these EOD forces will not be able to detect, locate, neutralize, and render safe underwater ordnance, sea mines, and other explosive hazards, which will significantly degrade Fleet Maneuver against near peer adversaries. Specifically, this procures the next generation of Advanced Diver Integrated Sensors (STRIDENT), significantly increasing EOD diver capability to neutralize, destroy, or recover undersea mines.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment	**Item Number / Title [DODIC]:** 1 / Underwater EOD Programs
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	169.654	16.650	22.355	20.575	0.000	20.575
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	169.654	16.650	22.355	20.575	0.000	20.575
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**169.654**	**16.650**	**22.355**	**20.575**	**0.000**	**20.575**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Hardware - UQ019-MINE WARFARE VULENERABILITY IDENTIFICATION PROGRAM (MIW-VIP) Cost																		
Recurring Cost																		
1.1.1) MIW-VIP [1]	-	-	3.123	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Recurring Cost	-	-	*3.123*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*
Subtotal: Hardware - UQ019-MINE WARFARE VULENERABILITY IDENTIFICATION PROGRAM (MIW-VIP) Cost	**-**	**-**	***3.123***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***
Hardware - UQ034 - U/W EOD & MCM SYSTEMS/EQUIPMENT Cost																		
Recurring Cost																		
2.1.1) ExMCM EOD Response Remotely Operated Vehicle (ROV)	261,752.00	125	32.719	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.1.2) ADVANCED DIVER INTEGRATION SENSORS (e.g. STRIDENT)[†] [2]	158,210.28	214	33.857	166,300.00	10	1.663	172,500.00	30	5.175	165,533.33	30	4.966	-	-	0.000	165,533.33	30	4.966
2.1.3) COMMAND DETONATION SYSTEM (RUFIS Receiver) [3]	19,482.76	290	5.650	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.1.5) INFLUENCE SIGNATURE REDUCTION	-	-	3.252	-	-	0.000	-	-	0.000	-	-	0.600	-	-	0.000	-	-	0.600

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0977 / Underwater EOD Equipment	Item Number / Title [DODIC]: 1 / Underwater EOD Programs
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.1.6) MESR PAYLOAD KITS - Sensors (4)	-	-	0.000	-	-	0.000	17,813.00	40	0.713	16,800.00	20	0.336	-	-	0.000	16,800.00	20	0.336
2.1.7) MESR PAYLOAD KITS - Kinetic Effects (5)	13,378.95	190	2.542	14,543.00	35	0.509	14,825.00	40	0.593	13,950.00	20	0.279	-	-	0.000	13,950.00	20	0.279
2.1.8) MESR PAYLOAD KITS - C3 Modules (6)	-	-	0.000	-	-	0.000	37,900.00	40	1.516	35,750.00	20	0.715	-	-	0.000	35,750.00	20	0.715
2.1.9) MESR PLATFORMS(†) (7)	350,000.00	21	7.350	357,000.00	11	3.927	364,150.00	20	7.283	343,550.00	20	6.871	-	-	0.000	343,550.00	20	6.871
2.1.11) MDSU RESPONSE REMOTELY OPERATED VEHICLE (ROV)	330,000.00	7	2.310	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.1.12) MDSU PRODUCTION ENGINEERING & TEST	-	-	0.726	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.1.13) NCF RESPONSE REMOTELY OPERATED VEHICLE (ROV)	330,000.00	7	2.310	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.1.14) NCF PRODUCTION ENGINEERING & TEST	-	-	1.172	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
2.1.15) PRODUCTION ENGINEERING & TEST (8)	-	-	11.967	-	-	0.685	-	-	0.650	-	-	0.173	-	-	0.000	-	-	0.173
2.1.16) INITIAL TRAINING (9)	-	-	3.441	-	-	0.411	-	-	0.100	-	-	0.093	-	-	0.000	-	-	0.093
2.1.17) ExMCM Product Improvement (10)	-	-	1.730	-	-	0.230	-	-	0.205	-	-	0.096	-	-	0.000	-	-	0.096
Subtotal: Recurring Cost	-	-	*109.026*	-	-	*7.425*	-	-	*16.235*	-	-	*14.129*	-	-	*0.000*	-	-	*14.129*
Subtotal: Hardware - UQ034 - U/W EOD & MCM SYSTEMS/EQUIPMENT Cost	**-**	**-**	***109.026***	**-**	**-**	***7.425***	**-**	**-**	***16.235***	**-**	**-**	***14.129***	**-**	**-**	***0.000***	**-**	**-**	***14.129***
Hardware - UQ035 - OUTFIT EOD/UMCM TOOLS & EQUIPMENT Cost																		

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0977 / Underwater EOD Equipment	Item Number / Title [DODIC]: 1 / Underwater EOD Programs
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Recurring Cost																		
3.1.1) UW INTEGRATED SYSTEM INTERFACE	-	-	2.891	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Recurring Cost	-	-	*2.891*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*
Subtotal: Hardware - UQ035 - OUTFIT EOD/UMCM TOOLS & EQUIPMENT Cost	**-**	**-**	***2.891***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***
Hardware - UQ036 - DIVER SAFETY LIFE SUPPORT EQUIPMENT Cost																		
Recurring Cost																		
4.1.1) MMUBA SUPPORT EQUIPMENT	-	-	8.026	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
4.1.2) MMUBA EQUIPMENT	99,000.00	7	0.693	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
4.1.3) MK 16 MOD 1 PRODUCT IMPROVEMENT PROGRAM (PIP)(†) (11)	-	-	0.000	17,630.00	405	7.140	111,273.00	55	6.120	115,107.14	56	6.446	-	-	0.000	115,107.14	56	6.446
4.1.5) PRODUCTION ENGINEERING AND TEST SERVICES	-	-	0.000	-	-	2.085	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Recurring Cost	-	-	*8.719*	-	-	*9.225*	-	-	*6.120*	-	-	*6.446*	-	-	*0.000*	-	-	*6.446*
Subtotal: Hardware - UQ036 - DIVER SAFETY LIFE SUPPORT EQUIPMENT Cost	**-**	**-**	***8.719***	**-**	**-**	***9.225***	**-**	**-**	***6.120***	**-**	**-**	***6.446***	**-**	**-**	***0.000***	**-**	**-**	***6.446***
Hardware - UQ037 - MARINE MAMMAL SYSTEM/EQUIPMENT Cost																		
Recurring Cost																		
5.1.1) MMS FIELDING AND INVESTMENT	-	-	45.895	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Recurring Cost	-	-	*45.895*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*
Subtotal: Hardware - UQ037 - MARINE MAMMAL SYSTEM/EQUIPMENT Cost	**-**	**-**	***45.895***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***
Gross/Weapon System Cost	**-**	**-**	**169.654**	**-**	**-**	**16.650**	**-**	**-**	**22.355**	**-**	**-**	**20.575**	**-**	**-**	**0.000**	**-**	**-**	**20.575**

(†) indicates the presence of a P-5a

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0977 / Underwater EOD Equipment	Item Number / Title [DODIC]: 1 / Underwater EOD Programs
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Footnotes:

(1) CE 1.1.1 MIW-VIP: MIW-VIP measures magnetic and acoustic signatures of equipment that will be exposed to influence (magnetic and acoustic) ordnance in combat. This effort utilizes existing ranges and portable ranges (Forward Area Combined Degaussing and Acoustic Range (FACDAR)). Beginning in FY 2021 this cost element was eliminated.

(2) CE 2.1.2 ADVANCED DIVER INTEGRATION SENSORS (e.g. STRIDENT): Provides for the procurement of a specialized EOD Diver underwater handheld sonar that is developed to operate in an influence fired ordnance environment.

(3) CE 2.1.3 COMMAND DETONATION SYSTEMS (RUFIS Receiver): Provides for the procurement of improved underwater acoustic receivers to provide safe stand-off command detonation capabilities to Explosive Ordnance Disposal (EOD) divers. The improved receiver will address the current capability shortfalls of the legacy MK 58 receiver by improving the signal fidelity, receiving range, and interoperability with delivery systems.

(4) CE 2.1.6 MESR PAYLOAD KITS - Sensors: Provides for the procurement of sensor-based payloads (e.g., acoustic, electro-optic, tactile, etc) that will be integrated onto MESR platforms to provide improved detection, localization, and identification capabilities when deployed in EOD Response missions.

(5) CE 2.1.7 MESR PAYLOAD KITS - Kinetic Effects: Provides for the procurement of kinetic payloads (e.g., explosive disruptors, bulk charges, etc) that will be integrated onto MESR platforms to provide improved neutralization capabilities when deployed in EOD Response missions.

(6) CE 2.1.8 MESR PAYLOAD KITS - C3 Modules: Provides for the procurement of command, control, and communication payloads (e.g., surface relays, acoustic modems, AI/ML algorithms, etc.) that will be integrated onto MESR platforms to provide improved safety stand-off and autonomous capabilities when deployed in EOD Response missions.

(7) CE 2.1.9 Provides procurement funding for Fleet outfitting. CE 2.1.9 MESR Platforms quantity and funding was added to increase program wholeness.

(8) CE 2.1.14 PRODUCTION ENGINEERING: Provides for production support, first article tests, and factory acceptance tests for EOD Response ROVs, MK16 PIP, STRIDENT, and other EOD equipment requiring additional production support. FY 2026 increase to support additional production engineering & test to the MESR, MK16 PIP, Next Gen UBA, and STRIDENT programs. FY 2026 increase to support additional production engineering & test to the MESR, MK16 PIP, and STRIDENT programs.

(9) CE 2.1.15 TRAINING: Funding provides for training of MK16 PIP, MESR, and STRIDENT efforts.

(10) CE 2.1.16 PRODUCT IMPROVEMENT: Provides for engineering services to improve fielded EOD Diver systems and ROVs.

(11) CE 4.1.3 MK 16 MOD 1 PRODUCT IMPROVEMENT PROGRAM (PIP): The MK 16 Mod 1 Product Improvement Plan (PIP) provides targeted improvements to MK 16 MOD 1 hardware and software where obsolescence issues require it. The Navy is sustaining and, where necessary, improving the MK 16 , while accelerating the test, evaluation and delivery of next generation UBAs to meet Fleet capability and capacity shortfalls earlier and at lower costs. Unit Cost Increase in FY26 and FY27 reflects full unit build from scratch, versus previous component and subassembly replacement and improvement in existing fielded UBA units

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0977 / Underwater EOD Equipment	Item Number / Title [DODIC]: 1 / Underwater EOD Programs

Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
2.1.2) ADVANCED DIVER INTEGRATION SENSORS (e.g. STRIDENT)(†)		2024	Cardinal Point Captains, INC / SAN DIEGO, CALIFORNIA	C / FFP	Various	Nov 2023	Nov 2024	30	158,233.00	Y		
2.1.2) ADVANCED DIVER INTEGRATION SENSORS (e.g. STRIDENT)(†)		2025	Cardinal Point Captains, INC / SAN DIEGO, CALIFORNIA	C / FFP	Various	Nov 2024	Nov 2025	10	166,300.00	Y		
2.1.2) ADVANCED DIVER INTEGRATION SENSORS (e.g. STRIDENT)(†)		2026	Cardinal Point Captains, INC / SAN DIEGO, CALIFORNIA	C / FFP	Various	Nov 2025	Nov 2026	30	172,500.00	Y		
2.1.2) ADVANCED DIVER INTEGRATION SENSORS (e.g. STRIDENT)(†)		2027	Cardinal Point Captains, INC / SAN DIEGO, CALIFORNIA	C / FFP	Various	Nov 2026	Nov 2027	30	165,533.33	Y		
2.1.9) MESR PLATFORMS(†)		2025	VIDEORAY LLC. / TBD	C / FFP	NIWPAC	Nov 2024	Nov 2024	11	357,000.00	Y		
2.1.9) MESR PLATFORMS(†)		2026	VIDEORAY LLC. / TBD	C / FFP	NIWPAC	Nov 2025	Nov 2025	20	364,150.00	Y		
2.1.9) MESR PLATFORMS		2027	VIDEORAY LLC. / TBD	C / FFP	NIWPAC	Nov 2026	Nov 2026	20	343,550.00	Y		
4.1.3) MK 16 MOD 1 PRODUCT IMPROVEMENT PROGRAM (PIP)(†)		2025	NSWC PC / Florida, USA	C / FFP	FLORIDA, USA	Nov 2024	Nov 2025	405	17,630.00	Y		
4.1.3) MK 16 MOD 1 PRODUCT IMPROVEMENT PROGRAM (PIP)(†)		2026	NSWC PC / Florida, USA	C / FFP	FLORIDA, USA	Aug 2026	Aug 2027	55	111,273.00	Y		
4.1.3) MK 16 MOD 1 PRODUCT IMPROVEMENT PROGRAM (PIP)(†)		2027	NSWC PC / Florida, USA	C / FFP	FLORIDA, USA	Jun 2027	Jun 2028	56	115,107.14	Y		

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0977 / Underwater EOD Equipment	Item Number / Title [DODIC]: 1 / Underwater EOD Programs

Cost Elements (Units in Each)							Fiscal Year 2024												Fiscal Year 2025												BALANCE
							Calendar Year 2024												Calendar Year 2025													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2.1.2) ADVANCED DIVER INTEGRATION SENSORS (e.g. STRIDENT) (2)																															
Prior Years Deliveries: 184																															
	1	2024	NAVY	30	0	30		A -	-	-	-	-	-	-	-	-	-	-	-	30												0
	1	2025	NAVY	10	0	10														A -	-	-	-	-	-	-	-	-	-	-	10
	1	2026	NAVY	30	0	30																									30
	1	2027	NAVY	30	0	30																									30
2.1.9) MESR PLATFORMS (7)																															
Prior Years Deliveries: 21																															
	2	2025	NAVY	11	0	11														A11												0
	2	2026	NAVY	20	0	20																									20
4.1.3) MK 16 MOD 1 PRODUCT IMPROVEMENT PROGRAM (PIP) (11)																															
	3	2025	NAVY	405	0	405														A -	-	-	-	-	-	-	-	-	-	-	405
	3	2026	NAVY	55	0	55																									55
	3	2027	NAVY	56	0	56																									56
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment	**Item Number / Title [DODIC]:** 1 / Underwater EOD Programs

Cost Elements (Units in Each)							Fiscal Year 2026													Fiscal Year 2027											BALANCE
							Calendar Year 2026													Calendar Year 2027											
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2.1.2) ADVANCED DIVER INTEGRATION SENSORS (e.g. STRIDENT) (2)																														
Prior Years Deliveries: 184																														
	1	2024	NAVY	30	30	0																								0
	1	2025	NAVY	10	0	10	-	10																						0
	1	2026	NAVY	30	0	30		A	-	-	-	-	-	-	-	-	-	-	-	30											0
	1	2027	NAVY	30	0	30															A	-	-	-	-	-	-	-	-	-	30
2.1.9) MESR PLATFORMS (7)																														
Prior Years Deliveries: 21																														
	2	2025	NAVY	11	11	0																								0
	2	2026	NAVY	20	0	20		A20																						0
4.1.3) MK 16 MOD 1 PRODUCT IMPROVEMENT PROGRAM (PIP) (11)																														
	3	2025	NAVY	405	0	405	-	405																						0
	3	2026	NAVY	55	0	55											A	-	-	-	-	-	-	-	-	-	-	-	55		0
	3	2027	NAVY	56	0	56																						A	-	-	-	56
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0977 / Underwater EOD Equipment	Item Number / Title [DODIC]: 1 / Underwater EOD Programs

Cost Elements (Units in Each)							Fiscal Year 2028												Fiscal Year 2029												BALANCE
							Calendar Year 2028												Calendar Year 2029													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2027	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
2.1.2) ADVANCED DIVER INTEGRATION SENSORS (e.g. STRIDENT) (2)																															
Prior Years Deliveries: 184																															
	1	2024	NAVY	30	30	0																									0
	1	2025	NAVY	10	10	0																									0
	1	2026	NAVY	30	30	0																									0
	1	2027	NAVY	30	0	30	-	30																							0
2.1.9) MESR PLATFORMS (7)																															
Prior Years Deliveries: 21																															
	2	2025	NAVY	11	11	0																									0
	2	2026	NAVY	20	20	0																									0
4.1.3) MK 16 MOD 1 PRODUCT IMPROVEMENT PROGRAM (PIP) (11)																															
	3	2025	NAVY	405	405	0																									0
	3	2026	NAVY	55	55	0																									0
	3	2027	NAVY	56	0	56	-	-	-	-	-	-	-	-	56																0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment	**Item Number / Title [DODIC]:** 1 / Underwater EOD Programs

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Cardinal Point Captains, INC - SAN DIEGO, CALIFORNIA			TBD	0	0	0	0	0	0	0	0
2	VIDEORAY LLC. - TBD			TBD	0	0	0	0	0	0	0	0
3	NSWC PC - Florida, USA			TBD	0	0	0	0	0	0	0	0

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment	**Item Number / Title [DODIC]:** 2 / Expeditionary Mine Countermeasures (ExMCM)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	110.433	0.000	0.000	0.000	0.000	0.000
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	110.433	0.000	0.000	0.000	0.000	0.000
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**110.433**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Hardware - UQ038 Expeditionary Mine Countermeasures (ExMCM) Cost																		
Recurring Cost																		
1.1.1) MK18 MOD 1 UUV (0207404N)(†)	430,142.86	35	15.055	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.2) MK18 MOD 1 UMCM UUV INCREMENTAL (CIP) RETROFIT KIT (0207404N)(†)	1,072K	5	5.360	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.3) MK18 MOD 2 RETROFIT KITS (SSAM) (0207404N)(†)	600,000.00	15	9.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.4) MK18 MOD 2 RETROFIT KITS (ATLAS) (0207404N)(†)	400,000.00	4	1.600	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.5) ExMCM AUX/ SUPPORT/MAINT/ MSE KITS(†)	394,887.85	107	42.253	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.6) ExMCM EOD RESPONSE REMOTELY OPERATED VEHICLE (ROV)(†)	294,557.38	61	17.968	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment	**Item Number / Title [DODIC]:** 2 / Expeditionary Mine Countermeasures (ExMCM)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.1.7) PRODUCTION ENGIENEERING & TEST	-	-	0.990	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.8) ExMCM TOA EQUIPMENT	-	-	9.057	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
1.1.9) ExMCM DIVER EQUIPMENT	-	-	9.150	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000	-	-	0.000
Subtotal: Recurring Cost	-	-	*110.433*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*	-	-	*0.000*
Subtotal: Hardware - UQ038 Expeditionary Mine Countermeasures (ExMCM) Cost	**-**	**-**	***110.433***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***	**-**	**-**	***0.000***
Gross/Weapon System Cost	**-**	**-**	**110.433**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**

Remarks:
[Hardware/Recurring] [Hardware/Recurring] ExMCM Outfitting: This funding resources the procurement of Expeditionary systems and support equipment. Procurement of this equipment will allow the ExMCM forces to be deployed globally and employed from a wide variety of shipboard platforms at sea as well as small craft in performing EOD and EXMCM missions in support of global requirements. The various ExMCM outfitting kits comprise the ancillary and support equipment necessary to outfit an ExMCM Company with equipment based on approved Tables of Allowances (TOAs) and are procured from a variety of OEMs and sources.

(†) indicates the presence of a P-5a

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	P-1 Line Item Number / Title: 0977 / Underwater EOD Equipment	Item Number / Title [DODIC]: 2 / Expeditionary Mine Countermeasures (ExMCM)

Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) MK18 MOD 1 UUV (0207404N)(†)		2019	HYDROID / POCASSET, MA	C / FFP	NSWCIH, MD	Nov 2018	Nov 2019	12	440,000.00	Y		
1.1.1) MK18 MOD 1 UUV (0207404N)(†)		2020	HYDROID / POCASSET, MA	C / FFP	NSWCIH, MD	Jan 2020	Jan 2021	12	449,000.00	Y		
1.1.2) MK18 MOD 1 UMCM UUV INCREMENTAL (CIP) RETROFIT KIT (0207404N)(†)		2020	HYDROID / POCASSET, MA	C / FFP	NSWCIH, MD	Nov 2019	Nov 2020	5	1,072K	Y		
1.1.3) MK18 MOD 2 RETROFIT KITS (SSAM) (0207404N)(†)		2020	HYDROID / POCASSET, MA	C / FFP	NSWCIH, MD	Mar 2020	Mar 2021	15	600,000.00	Y		
1.1.4) MK18 MOD 2 RETROFIT KITS (ATLAS) (0207404N)		2020	HYDROID / POCASSET, MA	C / FFP	NSWCIH, MD	Mar 2020	Mar 2021	4	400,000.00	Y		
1.1.5) ExMCM AUX/SUPPORT/ MAINT/MSE KITS		2018	VARIOUS / VARIOUS	C / FFP	NSWCIH, MD	Oct 2017	Oct 2017	25	390,000.00	Y		
1.1.5) ExMCM AUX/SUPPORT/ MAINT/MSE KITS		2019	VARIOUS / VARIOUS	C / FFP	NSWCIH, MD	Mar 2019	Mar 2020	35	416,142.86	Y		
1.1.5) ExMCM AUX/SUPPORT/ MAINT/MSE KITS		2020	VARIOUS / VARIOUS	C / FFP	NSWCIH, MD	Mar 2020	Mar 2021	11	413,545.45	Y		
1.1.6) ExMCM EOD RESPONSE REMOTELY OPERATED VEHICLE (ROV)		2020	U.S. ARMY / VARIOUS	C / FFP	PICATINNY ARSENAL, NJ	Mar 2020	Mar 2021	15	259,133.33	Y		
1.1.6) ExMCM EOD RESPONSE REMOTELY OPERATED VEHICLE (ROV)		2021	U.S. ARMY / VARIOUS	C / FFP	PICATINNY ARSENAL, NJ	Mar 2021	Mar 2022	7	262,411.76	Y		
1.1.6) ExMCM EOD RESPONSE REMOTELY OPERATED VEHICLE (ROV)		2022	U.S. ARMY / VARIOUS	C / FFP	PICATINNY ARSENAL, NJ	Mar 2022	Mar 2023	12	277,000.00	Y		
1.1.6) ExMCM EOD RESPONSE REMOTELY OPERATED VEHICLE (ROV)		2023	U.S. ARMY / VARIOUS	C / FFP	PICATINNY ARSENAL, NJ	Mar 2023	Mar 2024	25	330,000.00	Y		

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment	**Item Number / Title [DODIC]:** 2 / Expeditionary Mine Countermeasures (ExMCM)

Cost Elements (Units in Each)							Fiscal Year 2018												Fiscal Year 2019											BALANCE
										Calendar Year 2018														Calendar Year 2019								
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2017	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) MK18 MOD 1 UUV (0207404N)																														
Prior Years Deliveries: 11																														
	1	2019	NAVY	12	0	12														A	-	-	-	-	-	-	-	-	-	-	12
	1	2020	NAVY	12	0	12																									12
1.1.2) MK18 MOD 1 UMCM UUV INCREMENTAL (CIP) RETROFIT KIT (0207404N)																														
	2	2020	NAVY	5	0	5																									5
1.1.3) MK18 MOD 2 RETROFIT KITS (SSAM) (0207404N)																														
	3	2020	NAVY	15	0	15																									15
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment	**Item Number / Title [DODIC]:** 2 / Expeditionary Mine Countermeasures (ExMCM)

Cost Elements (Units in Each)							Fiscal Year 2020												Fiscal Year 2021												BALANCE
										Calendar Year 2020														Calendar Year 2021									
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) MK18 MOD 1 UUV (0207404N)																															
Prior Years Deliveries: 11																															
	1	2019	NAVY	12	0	12	-	1	1	1	1	1	1	1	1	1	1	1	1												0
	1	2020	NAVY	12	0	12				A -	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	3
1.1.2) MK18 MOD 1 UMCM UUV INCREMENTAL (CIP) RETROFIT KIT (0207404N)																															
	2	2020	NAVY	5	0	5		A -	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1							0
1.1.3) MK18 MOD 2 RETROFIT KITS (SSAM) (0207404N)																															
	3	2020	NAVY	15	0	15						A -	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	8
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment	**Item Number / Title [DODIC]:** 2 / Expeditionary Mine Countermeasures (ExMCM)

Cost Elements (Units in Each)							Fiscal Year 2022												Fiscal Year 2023												BALANCE
										Calendar Year 2022														Calendar Year 2023									
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) MK18 MOD 1 UUV (0207404N)																															
Prior Years Deliveries: 11																															
	1	2019	NAVY	12	12	0																									0
	1	2020	NAVY	12	9	3	1	1	1																						0
1.1.2) MK18 MOD 1 UMCM UUV INCREMENTAL (CIP) RETROFIT KIT (0207404N)																															
	2	2020	NAVY	5	5	0																									0
1.1.3) MK18 MOD 2 RETROFIT KITS (SSAM) (0207404N)																															
	3	2020	NAVY	15	7	8	1	1	2	2	2																				0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0977 / Underwater EOD Equipment	**Item Number / Title [DODIC]:** 2 / Expeditionary Mine Countermeasures (ExMCM)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	HYDROID - POCASSET, MA			TBD	0	0	0	0	0	0	0	0
2	HYDROID - POCASSET, MA			TBD	0	0	0	0	0	0	0	0
3	HYDROID - POCASSET, MA			TBD	0	0	0	0	0	0	0	0

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	760.608	66.346	12.691	69.425	0.000	69.425	70.595	77.267	79.624	81.205	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	760.608	66.346	12.691	69.425	0.000	69.425	70.595	77.267	79.624	81.205	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**760.608**	**66.346**	**12.691**	**69.425**	**0.000**	**69.425**	**70.595**	**77.267**	**79.624**	**81.205**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This budget provides for "S" cognizance (Shipboard, Hull, Mechanical & Electrical (HM&E) equipment for surface ships and aircraft carriers) which are not in any specific category. This equipment accomplishes program alterations for installation during CNO and Fleet availabilities, fills Fleet requisitions from casualties and attrition, provide tech refresh upgrades, and replaces obsolete equipment. Primary objectives are to maintain or improve readiness, safety, reliability, reduce workload, lower maintenance costs, improve sailor quality of life, and/or sustain ship classes through their notional life or beyond. The budget purchases and installs various equipment including machinery pumps, generators, ship propellers and shafts, air compressors, davits, A/C Plants, and steam propulsion items. It also procures allowance items as required by the Coordinated Shipboard Allowance List (COSAL). Major programs are the CVN Class Machinery Plant Upgrades, MACHALTs, CVN Cybersecurity, and CVN 78 class upgrades.

FY 2026 Spend Plan amount for Items Less than $5 Million includes $12,691 thousand of discretionary and $7,400 thousand of mandatory (reconciliation) for a total of $20,091 thousand. This supports HPAC Battle & Program Insurance Spares.

[P40A / LT060 - MACHALTs]: The Machinery Alteration (MACHALT) Program supports identification, procurement, and installation of Hull, Mechanical and Electrical (HM&E) internal equipment and system improvements on in-service surface ships. The MACHALT Program is a single source for system level Ship Change Document (SCD) deployment outside of CNO availabilities and is a turn-key modification and alteration vehicle that supplies all required engineering, equipment, logistics, installation, management, tracking, reporting, scheduling, special tools and/or procedures, and Ship's Force training. MACHALTs are installed via the Navy Modernization Process (NMP) in the following priority order: (1) Mandatory Safety/Statutory, (2) Component-level installations targeting risk to TYCOM operational redlines, (3) Safety, (4) Readiness, Maintainability and Availability, and (5) Obsolescence Alts. The program seamlessly integrates small modernization upgrades into ship maintenance Window(s) of Opportunity (WOO) or Continuous Maintenance Availability (CMAV) periods. Beginning in FY 2025, Low Pressure Air Compressor (LPAC) Programmable Logistic Controller (PLC) Navy Common Core Controller (NC3) shipset installations will be accelerated on DDG-51 class ships to improve reliability and performance of the compressor air systems, meet Operational Redlines, and improve Fleet Readiness to critical ship systems. Due to Fleet usage, requirements, and alignment of availability periods in a given year, adjustments are made to quantities and items throughout the Future Years Defense Program (FYDP). Program execution improves system reliability/maintainability/availability, reduces Diminishing Manufacturing Sources Material Shortages (DMSMS)/obsolescence risk, drives increased commonality, and reduces life cycle cost.

[P40A / LT115 Additive Manufacturing]: Additive Manufacturing (AM) program to procure and install AM Equipment on Navy Platforms to increase Self-Sufficiency and establishment of Intermediate Repair Shop.

[P40A / Additive Manufacturing]: FY27 increased funding for Advanced Manufacturing (AdvM) at NAVSEA and Fleets to enable the stand-up and operation of a metal and polymer AdvM training facility to provide the required training to operate hybrid metal AdvM and polymer systems installed on ships.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / LT120 - Carrier Propulsion Plant Inspection]: Funds are used to procure the latest technology inspection system tooling, i.e., laser-optic, ultrasonic, fiber-optic, electro-optic and computed radiography inspection systems.

[P40A / LT330 - CVN Cybersecurity]: CVN Cyber Security enables the development and installation of Ship Change Documents (SCDs) for Boundary Defense Capability (BDC), Situational Awareness, and Physical Security. It increases the Defense in Depth and improves the Cyber Security aspects of the CVN Nimitz Class HM&E Networks. Funding is used to update hardware and software applications and system configurations required for compatibility with the Department of War (DoW) CYBER requirements, Security Technical Implementation Guide, and other CYBER requirements. Funding is also used to update system cybersecurity Certification and Accreditation; add capability to protect, detect, and respond/recover to internal system events; and add additional defense in depth and monitoring to external interfaces.

[P40A / LT331 CVN 78 Class Modernization]: CVN 78 Class funding will cover Contractor Furnished Equipment (CFE) modernizations in future availabilities to include: Dual Band Radar Capacitor Bank, Plastic Waste Compressed Melt Units, Waste Pulpers, Waste disinfection equipment, Plasma Arc Waste Destruction System (PAWDS) Exhaust piping, Vacuum Collection Holding and Transfer (VCHT) pumps, Hangar Bay and Flight Deck Speakers, Machinery Control and Monitoring System upgrades, Steering Control System upgrades, Jet Blast Deflector (JBD) electro mechanical actuators (EMA) and emergency lowering capability, Aviation support efforts (to include: Mission Bay and Ready rooms, MH-60 equipment stowage, Flight equipment stowage/maintenance work center) and Passive Countermeasures System material.

[P40A / LT335 CVN Training and Equipment]: This funding procures spare equipment, propulsion shafts, and propellers with long repair turn-around times to support a change in maintenance philosophy from inspection and repair to remove and replace in order to significantly reduce in-schedule risk to CNO maintenance periods. Funding will be used to replace antiquated equipment and provide a technology refresh in the machine shops on the CVN-68 class carriers. Funding will also be used to replace outmoded and obsolete Training Test Equipment in established Navy schools, as identified in approved or draft Navy Training System Plans (NTSPs) as well as procure state-of-the-art, mobile and reconfigurable instructional facility, positioned at the point of need to support Sailor 2025 and Ready Relevant Learning (RRL).

[P40A / LT830 - Carrier Production Engineering]: The review and approval of any production contract technical documentation, or the separate development of this documentation, to include Technical Manuals, Planned Maintenance System (PMS), Level III Production Drawings, Provisioning Technical Documentation (PTD), Program Support Data (PSD), Allowance Parts List (APL); and engineering support for final design reviews.

[P3A / LT160 - Machinery Plant Upgrades]: The Machinery Plant Upgrade project within the CVN Fleet Modernization Program (FMP) encompasses CVN Machinery Control Systems, Ship Control (Navigation/ Steering), Integrated Voice Control Networks, Announcing Systems and Shipboard Air Traffic Control Communication Systems. The machinery plant upgrade modernization alterations currently consist of greater than 40 different Ship Change Documents (SCD) with a cost value of approximately $42M for all the alterations combined. Individual SCDs can range in cost from $5K (for software only changes) to ~ $14M for major system upgrade procurements. The range of SCD installs can cost as low as $100K and as high as $4M for individual SCDs. During each CNO availability, we schedule and complete a subset of these 40+ alterations. Each hull is different receiving varying subsets of the 40+ SCDs depending on individual ship configurations. These alts are scheduled for installation over 3-4 availabilities (which may be 9-12 years) with many installations occurring in later years of the FYDP. Additionally, the machinery plant upgrade program is technology driven and many alterations are still being finalized in the Navy modernization Program (i.e. Ship Change Document (SCD) development) process for installation in later years. New SCDs continue to be developed to proactively address obsolescence issues associated with ever changing technology.

[P3A - 2 / LT314 - Carrier Oil Water Separator]: Enhanced Oil Water Separator (OWS) systems are being installed on the CVN68 Class carriers to meet the new environmental discharge law of 15 parts per million (ppm) worldwide. The new OWS systems include an oil content monitor and a bilge stripping structure. The new system is expected to reduce costly maintenance and reliability issues.

[P3A - 3 / LT327 - Modular Refrigeration System.]: Modular Refrigeration System (MRS) replaces the existing legacy Ship's Stores Refrigeration System (SSRS) onboard CVN68 Class carriers. The legacy system is energy inefficient, space inefficient, and maintenance intensive, requiring highly skilled personnel to operate and maintain acceptable box temperatures. Most hardware associated with the legacy systems is specialized mil-spec and is either becoming unsupportable due to obsolescence or is grossly expensive to maintain. Each MRS is comprised of a Modular Refrigeration Unit (MRU), an operating/ diagnostic control panel, and small chilled water cooled flat-plate condenser. There are 18 MRUs required per hull. MRS's are self-contained hatchable MRUs with a dedicated control panel that eliminate 90% of current maintenance requirements and require minimal operator support/training.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Items Less than $5M Programs				- / 363.522	- / 43.058	- / 12.691	- / 48.150	- / -	- / 48.150
P-3a	1 / LT160 - Machinery Plant Upgrades (TBD)				- / 338.647	- / 23.288	- / 0.000	- / 21.275	- / 0.000	- / 21.275
P-3a	2 / LT314 - Carrier Oil Water Separator (TBD)				- / 38.672	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	3 / LT327 - Modular Refrigeration System. (TBD)				- / 19.767	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-40	**Total Gross/Weapon System Cost**				**- / 760.608**	**- / 66.346**	**- / 12.691**	**- / 69.425**	**- / 0.000**	**- / 69.425**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Items Less than $5M Programs				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / LT160 - Machinery Plant Upgrades (TBD)				- / 22.503	- / 22.553	- / 23.919	- / 24.690	Continuing	Continuing
P-3a	2 / LT314 - Carrier Oil Water Separator (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 38.672
P-3a	3 / LT327 - Modular Refrigeration System. (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 19.767
P-40	**Total Gross/Weapon System Cost**				**- / 70.595**	**- / 77.267**	**- / 79.624**	**- / 81.205**	**Continuing**	**Continuing**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Aggregated Items Title:** Items Less than $5M Programs

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) LT060 - MACHALTs																				
1.1) MACHALTs (Amphibs)	A		-	-	21.853	-	-	0.738	-	-	0.815	-	-	1.969	-	-	-	-	-	1.969
1.2) MACHALTs (Surface Ships) [1]	A		-	-	127.527	-	-	7.330	-	-	8.464	-	-	8.271	-	-	-	-	-	8.271
Subtotal: 1) LT060 - MACHALTs			**-**	**-**	***149.380***	**-**	**-**	***8.068***	**-**	**-**	***9.279***	**-**	**-**	***10.240***	**-**	**-**	**-**	**-**	**-**	***10.240***
2) LT115 Additive Manufacturing [2]																				
2.1) Additive Manufacturing [3]	A		-	-	1.705	-	-	3.019	-	-	2.412	-	-	5.783	-	-	-	-	-	5.783
Subtotal: 2) LT115 Additive Manufacturing			**-**	**-**	***1.705***	**-**	**-**	***3.019***	**-**	**-**	***2.412***	**-**	**-**	***5.783***	**-**	**-**	**-**	**-**	**-**	***5.783***
3) LT120 - Carrier Propulsion Plant Inspection																				
3.1) Propulsion Plant Inspection	A		-	-	2.903	-	-	0.170	-	-	-	-	-	0.170	-	-	-	-	-	0.170
Subtotal: 3) LT120 - Carrier Propulsion Plant Inspection			**-**	**-**	***2.903***	**-**	**-**	***0.170***	**-**	**-**	**-**	**-**	**-**	***0.170***	**-**	**-**	**-**	**-**	**-**	***0.170***
4) LT330 - CVN Cybersecurity																				
4.1) LT330 - CVN Cybersecurity [4]	A		-	-	84.904	-	-	13.760	-	-	-	-	-	11.246	-	-	-	-	-	11.246
Subtotal: 4) LT330 - CVN Cybersecurity			**-**	**-**	***84.904***	**-**	**-**	***13.760***	**-**	**-**	**-**	**-**	**-**	***11.246***	**-**	**-**	**-**	**-**	**-**	***11.246***
5) LT331 CVN 78 Class Modernization																				
5.1) LT 331 CVN78 CL	A		-	-	110.142	-	-	-	-	-	-	-	-	18.571	-	-	-	-	-	18.571
Subtotal: 5) LT331 CVN 78 Class Modernization			**-**	**-**	***110.142***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***18.571***	**-**	**-**	**-**	**-**	**-**	***18.571***
6) LT335 CVN Training and Equipment																				
6.1) CVN Training and Equipment [5]	A		-	-	13.810	-	-	17.836	-	-	-	-	-	2.100	-	-	-	-	-	2.100
Subtotal: 6) LT335 CVN Training and Equipment			**-**	**-**	***13.810***	**-**	**-**	***17.836***	**-**	**-**	**-**	**-**	**-**	***2.100***	**-**	**-**	**-**	**-**	**-**	***2.100***
7) LT830 - Carrier Production Engineering																				
7.1) Production Engineering	A		-	-	0.678	-	-	0.040	-	-	-	-	-	0.040	-	-	-	-	-	0.040
Subtotal: 7) LT830 - Carrier Production Engineering			**-**	**-**	***0.678***	**-**	**-**	***0.040***	**-**	**-**	**-**	**-**	**-**	***0.040***	**-**	**-**	**-**	**-**	**-**	***0.040***
8) Sport Utility Vehicles																				
8.1) BSVE-0305-04-SUV 4X4 FULLSIZE 8501 UP TO 16000 GVWR SIN 108	A		-	-	-	-	-	0.165	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 8) Sport Utility Vehicles			**-**	**-**	***0.000***	**-**	**-**	***0.165***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Aggregated Items Title:** Items Less than $5M Programs

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
9) LT341 Centrifuge Purifiers for Surface Combatant Vessels [6]																				
9.1) Final Review of Centrifuge Purifiers	A		-	-	-	-	-	-	-	-	1.000	-	-	-	-	-	-	-	-	-
Subtotal: 9) LT341 Centrifuge Purifiers for Surface Combatant Vessels			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***1.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**363.522**	**-**	**-**	**43.058**	**-**	**-**	**12.691**	**-**	**-**	**48.150**	**-**	**-**	**-**	**-**	**-**	**48.150**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

[1] Funds provided to support the acceleration of procuring and installing 42 Attached Lubricating Oil / Hydraulic Oil Pump (ALOP/AHOP) Flexible Coupling shipsets. Operating the Main Reduction Gear (MRG) with the existing non-functioning ALOP increases the risk of gear and bearing damage. By replacing these couplings, adequate lubrication will be provided to the MRG bearings and gear-teeth during a "loss of electrical power" casualty, preventing immediate and severe coast-down damage, increases readiness, and provides material support for a critical item.

[2] Additive Manufacturing (AM) program to procure and install AM Equipment on Navy Platforms to increase Self-Sufficiency and establishment of Intermediate Repair Shop.

[3] Establishing a training operation is crucial to ensure sailors are proficient in operating shipboard AdvM equipment, preventing skill gaps, and maximizing the operational benefits of expanding AdvM assets across the Fleet. Facility will be co-located within the PEO SSBN AdvM Center of Excellence in Danville, VA. It will provide training for up to 48 sailors per year to proficiently operate these new AdvM capabilities.

[4] Effort provides cybersecurity for carrier assets and infrastructure with emphasis to prevent network intrusion on CVNs. Efforts consists of (1) boundary defense mods, (2) situational awareness mods, and (3) physical security mods. Quantities vary per hull and are fundamentally different. Hulls will receive different modifications in varying combinations; each hull cost is mutually exclusive of other costs.

[5] The FY 2027 CVN Training and Equipment increase reflects a profile adjustment in accordance with the Chief of Naval Operations (CNO) Naval Sustainment Plan Shipyard (NSS-SY) Planning pillar. This adjustment reallocates funding for material procurements to support emergent carrier replacement repairs.

[6] Provides additional support for this program as part of the "final review" for this effort.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Modification Number / Title:** 1 / LT160 - Machinery Plant Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	338.647	23.288	0.000	21.275	0.000	21.275	22.503	22.553	23.919	24.690	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	338.647	23.288	0.000	21.275	0.000	21.275	22.503	22.553	23.919	24.690	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**338.647**	**23.288**	**0.000**	**21.275**	**0.000**	**21.275**	**22.503**	**22.553**	**23.919**	**24.690**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

LT160 - MACHINERY PLANT UPGRADES - The Machinery Plant Upgrade project within the CVN Fleet Modernization Program (FMP) encompasses CVN Machinery Control Systems, Ship Control (Navigation/ Steering), Integrated Voice Control Networks, Announcing Systems and Shipboard Air Traffic Control Communication Systems. The machinery plant upgrade modernization alterations currently consist of greater than 40 different Ship Change Documents (SCD) with a cost value of approximately $42M for all the alterations combined. Individual SCDs can range in cost from $5K (for software only changes) to ~ $14M for major system upgrade procurements. The range of SCD installs can cost as low as $100K and as high as $4M for individual SCDs. During each CNO availability, we schedule and complete a subset of these 40+ alterations. Each hull is different receiving varying subsets of the 40+ SCDs depending on individual ship configurations. These alts are scheduled for installation over 3-4 availabilities (which may be 9-12 years) with many installations occurring in later years of the FYDP. Additionally, the machinery plant upgrade program is technology driven and many alterations are still being finalized in the Navy modernization Program (i.e. Ship Change Document (SCD) development) process for installation in later years. New SCDs continue to be developed to proactively address obsolescence issues associated with ever changing technology.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Modification Number / Title:** 1 / LT160 - Machinery Plant Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: Machinery Plant Upgrades	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: LT160 - Machinery Plant Upgrades												
B Kits												
Recurring												
1.1.1) Machinery Plant Upgrades - NonOrganic (7)	56 / 125.934	4 / 7.884	- / -	4 / 7.981	- / -	4 / 7.981	4 / 8.129	4 / 8.150	4 / 9.109	4 / 9.589	Continuing	Continuing
Subtotal: Recurring	*- / 125.934*	*- / 7.884*	*- / -*	*- / 7.981*	*- / -*	*- / 7.981*	*- / 8.129*	*- / 8.150*	*- / 9.109*	*- / 9.589*	*Continuing*	*Continuing*
Subtotal: LT160 - Machinery Plant Upgrades	*56 / 125.934*	*4 / 7.884*	*- / -*	*4 / 7.981*	*- / -*	*4 / 7.981*	*4 / 8.129*	*4 / 8.150*	*4 / 9.109*	*4 / 9.589*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 125.934*	*- / 7.884*	*- / -*	*- / 7.981*	*- / -*	*- / 7.981*	*- / 8.129*	*- / 8.150*	*- / 9.109*	*- / 9.589*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: LT160 - Machinery Plant Upgrades	- / 212.713	- / 15.404	- / 0.000	- / 13.294	- / 0.000	- / 13.294	- / 14.374	- / 14.403	- / 14.810	- / 15.101	- / 12.000	- / 312.099
Subtotal: Installation	*- / 212.713*	*- / 15.404*	*- / -*	*- / 13.294*	*- / -*	*- / 13.294*	*- / 14.374*	*- / 14.403*	*- / 14.810*	*- / 15.101*	*- / 12.000*	*- / 312.099*
Total												
Total Cost (Procurement + Support + Installation)	**338.647**	**23.288**	**0.000**	**21.275**	**0.000**	**21.275**	**22.503**	**22.553**	**23.919**	**24.690**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Modification Number / Title:** 1 / LT160 - Machinery Plant Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: LT160 - Machinery Plant Upgrades

Manufacturer Information

Manufacturer Name: various	Manufacturer Location: various
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 5

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024		Nov 2026	Nov 2027	Nov 2028	Nov 2029	Nov 2030
Delivery Dates	Apr 2025		Apr 2027	Apr 2028	Apr 2029	Apr 2030	Apr 2031

Installation Information

Method of Implementation: AIT:: Installation Name: Machinery Plant Upgrades

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	54 / 209.313	2 / 6.714	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	56 / 216.027
FY 2025	0 / 3.400	4 / 6.690	- / -	0 / 5.264	0 / 0.000	0 / 5.264	- / -	- / -	- / -	- / -	0 / 2.000	4 / 17.354
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	0 / 2.000	- / -	4 / 6.030	0 / 0.000	4 / 6.030	0 / 6.094	- / -	- / -	- / -	0 / 2.000	4 / 16.124
FY 2028	- / -	- / -	- / -	0 / 2.000	0 / 0.000	0 / 2.000	2 / 6.280	2 / 5.915	- / -	- / -	0 / 2.000	4 / 16.195
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.000	2 / 6.488	2 / 6.401	- / -	0 / 2.000	4 / 16.889
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.000	2 / 6.409	2 / 7.551	0 / 2.000	4 / 17.960
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.000	3 / 7.550	1 / 2.000	4 / 11.550
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	54 / 212.713	6 / 15.404	- / -	4 / 13.294	0 / 0.000	4 / 13.294	2 / 14.374	4 / 14.403	4 / 14.810	5 / 15.101	1 / 12.000	80 / 312.099

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	54	-	2	3	1	-	-	-	-	-	1	2	1	-	-	1	1	2	-	1	1	2	-	1	1	-	1	2	2	1	80
Out	49	1	1	4	2	-	-	-	-	-	-	2	2	-	-	-	-	1	1	2	2	-	-	1	1	-	-	3	2	6	80

Footnotes:

(7) Installation funds are required in the year prior to install for Design Services Allocation - DSA - (hull planning yard ship checks, installation drawing development), Advanced Planning, and Integrated Logistics Support (ILS). FY 2026 PEO Aircraft Carriers' changes: The interruption in the contracting profile for material and installation under the Machinery Plant Upgrade (MPU) program reflects deferred work during the availabilities of CVN 72 and CVN 78, as well as planning activities for CVN 71 and CVN 77.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Modification Number / Title:** 2 / LT314 - Carrier Oil Water Separator
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	38.672	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	38.672
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	38.672	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	38.672
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**38.672**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**38.672**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Enhanced Oil Water Separator (OWS) systems are being installed on the CVN68 Class carriers to meet the new environmental discharge law of 15 parts per million (ppm) worldwide. The new OWS systems include an oil content monitor and a bilge stripping structure. The new system is expected to reduce costly maintenance and reliability issues.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Modification Number / Title:** 2 / LT314 - Carrier Oil Water Separator
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: Carrier Oil Water Separator	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: LT314 - Carrier Oil Water Separator												
B Kits												
Recurring												
1.1.1) Oil Water Separator - NonOrganic [8]	13 / 7.560	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	13 / 7.560
Subtotal: Recurring	*- / 7.560*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 7.560*
Subtotal: LT314 - Carrier Oil Water Separator	*13 / 7.560*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*13 / 7.560*
Subtotal: Procurement, All Modification Items	*- / 7.560*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 7.560*
Installation												
Modification Item 1 of 1: LT314 - Carrier Oil Water Separator	- / 31.112	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 31.112
Subtotal: Installation	*- / 31.112*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 31.112*
Total												
Total Cost (Procurement + Support + Installation)	**38.672**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**38.672**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Modification Number / Title:** 2 / LT314 - Carrier Oil Water Separator
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: LT314 - Carrier Oil Water Separator

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: AIT:: Installation Name: Oil Water Separator

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	13 / 31.112	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	13 / 31.112
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	13 / 31.112	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	13 / 31.112

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Out	11	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13

Footnotes:

(8) FY 2023 is the last year of procurements, and FY 2024 is the last year of installations for Oil-Water separator for CVN68 CL in-service Carriers.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Modification Number / Title:** 3 / LT327 - Modular Refrigeration System.
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	19.767	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.767
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	19.767	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	19.767
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**19.767**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**19.767**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Modular Refrigeration System (MRS) replaces the existing legacy Ship's Stores Refrigeration System (SSRS) onboard CVN68 Class carriers. The legacy system is energy inefficient, space inefficient, and maintenance intensive, requiring highly skilled personnel to operate and maintain acceptable box temperatures. Most hardware associated with the legacy systems is specialized mil-spec and is either becoming unsupportable due to obsolescence or is grossly expensive to maintain. Each MRS is comprised of a Modular Refrigeration Unit (MRU), an operating/diagnostic control panel, and small chilled water cooled flat-plate condenser. There are 18 MRUs required per hull. MRS's are self-contained hatchable MRUs with a dedicated control panel that eliminate 90% of current maintenance requirements and require minimal operator support/training.

[Modular Reefer System] Modular Refrigeration System (MRS) replaces the existing legacy ship's stores refrigeration system (SSRS) onboard CVN68 class carriers. The legacy system is energy inefficient, space inefficient, and maintenance intensive, requiring highly skilled personnel to operate and maintain acceptable box temperatures. Most hardware associated with the legacy systems is specialized mil-spec and is either becoming unsupportable due to obsolescence, or is grossly expensive to maintain. Each Modular Refrigeration System (MRS) is comprised of a Modular Refrigeration Unit (MRU), an operating/ diagnostic control panel, and small chilled water cooled flat-plate condenser. There are 18 MRUs required per hull. Modular Refrigeration Systems (MRS's) are self-contained hatchable modular refrigeration units (MRU) with a dedicated control panel that eliminate 90% of current maintenance requirements and require minimal operator support/training.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Modification Number / Title:** 3 / LT327 - Modular Refrigeration System.
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: LT327 - Modular Refrigeration System.												
B Kits												
Recurring												
1.1.1) Modular Reefer System - NonOrganic [9]	69 / 10.300	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	69 / 10.300
Subtotal: Recurring	*- / 10.300*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 10.300*
Subtotal: LT327 - Modular Refrigeration System.	*69 / 10.300*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*69 / 10.300*
Subtotal: Procurement, All Modification Items	*- / 10.300*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 10.300*
Installation												
Modification Item 1 of 1: LT327 - Modular Refrigeration System.	- / 9.467	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 9.467
Subtotal: Installation	*- / 9.467*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 9.467*
Total												
Total Cost (Procurement + Support + Installation)	**19.767**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**19.767**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0981 / Items less than $5 Million	**Modification Number / Title:** 3 / LT327 - Modular Refrigeration System.

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 1: LT327 - Modular Refrigeration System.

Manufacturer Information

Manufacturer Name: DRS Marlo Coil	Manufacturer Location: High Ridge, MO
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 10

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: AIT:: Installation Name: Modular Reefer System

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	69 / 9.467	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	69 / 9.467
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	69 / 9.467	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	69 / 9.467

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69
Out	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69

Footnotes:

(9) FY 2023 is the last years of installs for CVN68 Class in-Service Carriers.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	14.400	3.254	2.607	2.425	0.000	2.425	2.575	2.622	2.717	2.767	47.585	80.952
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	14.400	3.254	2.607	2.425	0.000	2.425	2.575	2.622	2.717	2.767	47.585	80.952
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**14.400**	**3.254**	**2.607**	**2.425**	**0.000**	**2.425**	**2.575**	**2.622**	**2.717**	**2.767**	**47.585**	**80.952**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Joint Chemical and Biological Defense Program (CBDP) funds the development and procurement of Chemical and Biological Defense (CBD) Equipment to enhance the warfighter's ability to survive and complete their mission in a chemical biological contaminated environment. The Navy is responsible for the associated installation/integration and sustainment funds only. The Navy's requirement for Joint Biological Agent Identification and Diagnostic System (JBAIDS), Aerosol Vapor Chemical Agent Detector (AVCAD), and Enhanced Maritime Biological Detection (EMBD) system has been validated by the Chief of Naval Operations in associated Joint Operational Requirements Documents and Capability Production Documents. The inventory objective for EMBD upgrades was revised rom one-hundred ten (110) to one-hundred fourteen (114) due to adding four LCS class ships because planned decommissioning has been delayed which allowed time to install the system upgrade.

[P3A - 2 / AVCAD*]: The AVCAD (formerly NGCD), is a technology replacement for the Improved Point Detection System - Lifecycle Replacement (IPDS-LR) system. The inventory objective for shipboard installations is 169.

[P3A - 3 / CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT]: CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT: The Enhanced Maritime Biological Detection (EMBD) kit is intended as a lifecycle replacement for the Joint Biological Point Detection System (JBPDS), and will include improved detection and identification capabilities. The equipment procurement is funded out of the Joint Service Chemical Biological Defense Program Budget. The inventory objective for shipboard installations is 114.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 9: Other Shipboard Equipment	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-3a	1 / CW001 CHEMICAL WARFARE PROGRAM JBAIDS (TBD)				- / 5.486	- / 0.050	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	2 / CW001 CHEMICAL WARFARE PROGRAM AVCAD (FORMERLY NGCD) (TBD)				- / 0.000	- / 0.000	- / 0.297	- / 1.465	- / 0.000	- / 1.465
P-3a	3 / CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT (TBD)				- / 8.914	- / 3.204	- / 2.310	- / 0.960	- / 0.000	- / 0.960
P-40	**Total Gross/Weapon System Cost**				**- / 14.400**	**- / 3.254**	**- / 2.607**	**- / 2.425**	**- / 0.000**	**- / 2.425**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-3a	1 / CW001 CHEMICAL WARFARE PROGRAM JBAIDS (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 5.536
P-3a	2 / CW001 CHEMICAL WARFARE PROGRAM AVCAD (FORMERLY NGCD) (TBD)				- / 2.575	- / 2.622	- / 2.717	- / 2.767	- / 47.585	- / 60.028
P-3a	3 / CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT (TBD)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 15.388
P-40	**Total Gross/Weapon System Cost**				**- / 2.575**	**- / 2.622**	**- / 2.717**	**- / 2.767**	**- / 47.585**	**- / 80.952**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The FY 2027 funding request is for installation of equipment including Fleet Modernization Program installations, installation of training equipment, installation of equipment in other shore facilities, and associated required new equipment training. Procurement of equipment is funded by the Joint Service CBDP. Costs can vary significantly, even within ship class, depending on installation location (East coast, West coast, overseas, etc.), if installation accomplished pier side or in a shipyard (i.e., availability type during which installation actually occurs), ship as built and as found conditions, and installation growth work (i.e., unplanned/unexpected work) driven by as found conditions.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors	**Modification Number / Title:** 1 / CW001 CHEMICAL WARFARE PROGRAM JBAIDS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	5.486	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.536
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	5.486	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.536
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**5.486**	**0.050**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**5.536**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

OPNAVINST 3400.10J articulates U.S. Navy Chemical, Biological and Radiological Defense (CBRD) policy and establishes functional responsibilities to ensure the highest level of the Fleet readiness and warfighting sustainability in a CBR environment. JBAIDS systems will identify and quantify biological organisms of operational concern and other pathogens of clinical significance for confirmatory and prognostic purposes. The CENTCOM HR urgent need (dated Aug 2009) modifies the JBAIDS ORD (dated May 2003) with the addition of detection capability for the 2009/A/H1N1 influenza. The equipment procurement is funded out of the Joint Service CBDP Budget P-1 Item Nomenclature: JBAIDS. Beginning in FY13, system will install with refrigeration unit.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors	**Modification Number / Title:** 1 / CW001 CHEMICAL WARFARE PROGRAM JBAIDS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CW001 CHEMICAL WARFARE PROGRAM JBAIDS												
B Kits												
Non-Recurring												
1.1.1) JBAIDS - NonOrganic	23 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	23 / 0.000
Subtotal: Non-Recurring	*- / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*
Subtotal: CW001 CHEMICAL WARFARE PROGRAM JBAIDS	*23 / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*23 / 0.000*
Subtotal: Procurement, All Modification Items	*- / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*
Installation												
Modification Item 1 of 1: CW001 CHEMICAL WARFARE PROGRAM JBAIDS	- / 5.486	- / 0.050	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 5.536
Subtotal: Installation	*- / 5.486*	*- / 0.050*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 5.536*
Total												
Total Cost (Procurement + Support + Installation)	**5.486**	**0.050**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**5.536**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors	**Modification Number / Title:** 1 / CW001 CHEMICAL WARFARE PROGRAM JBAIDS

ID Code (A=Service Ready, B=Not Service Ready) : **MDAP/MAIS Code:**

Modification Item 1 of 1: CW001 CHEMICAL WARFARE PROGRAM JBAIDS

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 0

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: AIT:: Installation Name: JBAIDS

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	22 / 5.486	1 / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	23 / 5.536
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	22 / 5.486	1 / 0.050	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	23 / 5.536

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	22	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23
Out	22	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors	**Modification Number / Title:** 2 / CW001 CHEMICAL WARFARE PROGRAM AVCAD (FORMERLY NGCD)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	0.297	1.465	0.000	1.465	2.575	2.622	2.717	2.767	47.585	60.028
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.297	1.465	0.000	1.465	2.575	2.622	2.717	2.767	47.585	60.028
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**0.297**	**1.465**	**0.000**	**1.465**	**2.575**	**2.622**	**2.717**	**2.767**	**47.585**	**60.028**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
OPNAVINST 3400.10J articulates U.S. Navy Chemical, Biological and Radiological Defense (CBRD) policy and establishes functional responsibilities to ensure the highest level of the Fleet readiness and warfighting sustainability in a CBR environment. The Aerosol Vapor Chemical Agent Detector (AVCAD), formerly Next Generation Chemical Detector (NGCD), provides shipboard point detection system for detecting and identifying nerve and blister agent contamination presence. The equipment procurement is funded out of the Joint Service Chemical Biological Defense Program Budget.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors	**Modification Number / Title:** 2 / CW001 CHEMICAL WARFARE PROGRAM AVCAD (FORMERLY NGCD)
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CW001 CHEMICAL WARFARE PROGRAM AVCAD (FORMERLY NGCD)												
B Kits												
Recurring												
1.1.1) AVCAD* - NonOrganic	- / -	- / -	- / -	4 / 0.000	- / -	4 / 0.000	8 / 0.000	8 / 0.000	8 / 0.000	8 / 0.000	133 / 0.000	169 / 0.000
Subtotal: Recurring	*- / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*
Subtotal: CW001 CHEMICAL WARFARE PROGRAM AVCAD (FORMERLY NGCD)	*- / -*	*- / -*	*- / -*	*4 / 0.000*	*- / -*	*4 / 0.000*	*8 / 0.000*	*8 / 0.000*	*8 / 0.000*	*8 / 0.000*	*133 / 0.000*	*169 / 0.000*
Subtotal: Procurement, All Modification Items	*- / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*
Installation												
Modification Item 1 of 1: CW001 CHEMICAL WARFARE PROGRAM AVCAD (FORMERLY NGCD)	- / 0.000	- / 0.000	- / 0.297	- / 1.465	- / 0.000	- / 1.465	- / 2.575	- / 2.622	- / 2.717	- / 2.767	- / 47.585	- / 60.028
Subtotal: Installation	*- / 0.000*	*- / -*	*- / 0.297*	*- / 1.465*	*- / -*	*- / 1.465*	*- / 2.575*	*- / 2.622*	*- / 2.717*	*- / 2.767*	*- / 47.585*	*- / 60.028*
Total												
Total Cost (Procurement + Support + Installation)	**0.000**	**0.000**	**0.297**	**1.465**	**0.000**	**1.465**	**2.575**	**2.622**	**2.717**	**2.767**	**47.585**	**60.028**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors	**Modification Number / Title:** 2 / CW001 CHEMICAL WARFARE PROGRAM AVCAD (FORMERLY NGCD)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: CW001 CHEMICAL WARFARE PROGRAM AVCAD (FORMERLY NGCD)

Manufacturer Information

Manufacturer Name: TBD	Manufacturer Location: TBD
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 0

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: [none specified]:: Installation Name: AVCAD*

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	0 / 0.297	4 / 0.847	0 / 0.000	4 / 0.847	- / -	- / -	- / -	- / -	0 / 0.000	4 / 1.144
FY 2028	- / -	- / -	- / -	0 / 0.618	0 / 0.000	0 / 0.618	8 / 1.848	- / -	- / -	- / -	0 / 0.000	8 / 2.466
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.727	8 / 1.875	- / -	- / -	0 / 0.000	8 / 2.602
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.747	8 / 1.909	- / -	0 / 0.000	8 / 2.656
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.808	8 / 1.942	0 / 0.000	8 / 2.750
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.825	133 / 47.585	133 / 48.410
Total	- / -	- / -	0 / 0.297	4 / 1.465	0 / 0.000	4 / 1.465	8 / 2.575	8 / 2.622	8 / 2.717	8 / 2.767	133 / 47.585	169 / 60.028

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	133	169
Out	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	133	169

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors	**Modification Number / Title:** 3 / CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	8.914	3.204	2.310	0.960	0.000	0.960	0.000	0.000	0.000	0.000	0.000	15.388
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	8.914	3.204	2.310	0.960	0.000	0.960	0.000	0.000	0.000	0.000	0.000	15.388
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**8.914**	**3.204**	**2.310**	**0.960**	**0.000**	**0.960**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**15.388**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

OPNAVINST 3400.10J articulates U.S. Navy Chemical, Biological and Radiological Defense (CBRD) policy and establishes functional responsibilities to ensure the highest level of the Fleet readiness and warfighting sustainability in a CBR environment. The Enhanced Maritime Biological Detection (EMBD) kit is intended as a lifecycle replacement for the Joint Biological Point Detection System (JBPDS) and includes improved detection and identification capabilities. The equipment procurement is funded out of the Joint Service Chemical Biological Defense Program Budget. The inventory objective for shipboard installations is one-hundred fourteen (114).

[CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT] Remarks: A total of eighty (80) complete and two started of one-hundred fourteen (114) planned. EMBD is an acquisition program developed and procured thru JPEO-CBRND which will provide lifecycle replacement kits for existing JBPDS. The EMBD kit installs within the existing JBPDS frame as specific line replaceable units (LRUs) addressing certain parts obsolescence issues and provides hardware and software upgrades to the system. EMBD kit installation timeline takes approximately six days to account for LRU removal, perform LRU operability assessment for LRUs remaining in the system, and perform legacy LRU refurbishment in line with each EMBD kit installation to ensure proper operation upon completion of the upgrade. Without performing these additional steps, the EMBD kit upgrade will operate in a less-than-optimal state, resulting in a reduced automated biological point detection and identification state.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors	**Modification Number / Title:** 3 / CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
Modification Item 1 of 1: CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT												
B Kits												
Recurring												
1.1.1) CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT - NonOrganic [1]	63 / 0.000	25 / 0.000	18 / 0.000	8 / 0.000	- / -	8 / 0.000	- / -	- / -	- / -	- / -	- / -	114 / 0.000
Subtotal: Recurring	*- / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*
Subtotal: CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT	*63 / 0.000*	*25 / 0.000*	*18 / 0.000*	*8 / 0.000*	*- / -*	*8 / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*114 / 0.000*
Subtotal: Procurement, All Modification Items	*- / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*
Installation												
Modification Item 1 of 1: CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT	- / 8.914	- / 3.204	- / 2.310	- / 0.960	- / 0.000	- / 0.960	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 15.388
Subtotal: Installation	*- / 8.914*	*- / 3.204*	*- / 2.310*	*- / 0.960*	*- / -*	*- / 0.960*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 15.388*
Total												
Total Cost (Procurement + Support + Installation)	**8.914**	**3.204**	**2.310**	**0.960**	**0.000**	**0.960**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**15.388**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 9	**P-1 Line Item Number / Title:** 0989 / Chemical Warfare Detectors	**Modification Number / Title:** 3 / CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT

Installation Information

Method of Implementation: [none specified]:: Installation Name: CW001 CHEMICAL WARFARE PROGRAM EMBD UPGRADE KIT

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	63 / 8.914	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	63 / 8.914
FY 2025	- / -	25 / 2.750	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	25 / 2.750
FY 2026	- / -	0 / 0.454	18 / 2.070	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	18 / 2.524
FY 2027	- / -	- / -	0 / 0.240	8 / 0.960	0 / 0.000	8 / 0.960	- / -	- / -	- / -	- / -	0 / 0.000	8 / 1.200
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	63 / 8.914	25 / 3.204	18 / 2.310	8 / 0.960	0 / 0.000	8 / 0.960	- / -	- / -	- / -	- / -	0 / 0.000	114 / 15.388

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	63	6	6	5	8	4	4	5	5	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114
Out	63	6	6	5	8	4	4	5	5	2	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	114

Footnotes:

(1) FY 2027 funding supports installations on eight (8) ships at approximately $120K each, for a total of $960K. The procurement costs are specifically referring to Installation and Design Service Allocation (DSA) costs as there are no equipment procurement costs with any detector system installed. DSA costs are for government engineering oversight/support in preparation for ship installation and ship class planning yards for engineering services which include ship check, development and approval of ship installation drawings (SIDs), Ship Selected Record changes, Bill of Material (BOM), onsite planning yard engineering support during installation to answer liaison action record (LARs), and other engineering services depending on the planning yard. DSA costs are generally funded one year prior to planned installation due to drawing development lead time and installation preparation efforts.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 10: Reactor Plant Equipment	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	6,311.583	2,573.098	2,392.620	2,737.140	0.000	2,737.140	2,494.645	2,579.027	2,077.858	2,084.538	-	23,250.509
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	6,311.583	2,573.098	2,392.620	2,737.140	0.000	2,737.140	2,494.645	2,579.027	2,077.858	2,084.538	-	23,250.509
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**6,311.583**	**2,573.098**	**2,392.620**	**2,737.140**	**0.000**	**2,737.140**	**2,494.645**	**2,579.027**	**2,077.858**	**2,084.538**	**-**	**23,250.509**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Division A of the Consolidated Appropriations Act, 2020, Public Law 116-93 appropriated funding in Other Procurement, Navy (OPN) to initiate a program funding private contracted ship maintenance in the U.S. Pacific Fleet (CPF) in Fiscal Year (FY) 2020. Division C of the Consolidated Appropriations Act, 2021 continued this program in the U.S. Pacific Fleet, and Division C of the Consolidated Appropriations Act, 2022 expanded the program to include both U.S. Pacific Fleet and U.S. Fleet Forces (FFC).

FY 2027 funds $2.7B for Continental United Status (CONUS) private contracted surface and submarine maintenance in both U.S. Pacific Fleet (CPF) and U.S. Fleet Forces Command (FFC).

Funding private contracted ship maintenance planned for CPF and FFC with OPN allows the Navy to implement commercial best practices for ship maintenance and achieve Navy's A-120 contracting policy. It provides more flexibility to extend contract lead times, enables the Navy to address emergent repair requirements, and strengthens industry partnerships. The program continues to provide stability and financial efficiency to its industry partners, and continues the more stringent fiscal discipline demonstrated in the execution of the program. The Navy remains committed and motivated to utilizing this program to improve both the execution of depot-level maintenance and the overall readiness posture of the U.S. Navy's maritime forces.

AVAILABILITIES DEFINITIONS:
CIA (Carrier Incremental Availability): An availability for continuous accomplishment of depot maintenance and selected modernization on CVN 68 class aircraft carriers.

DMP (Depot Modernization Period): An availability scheduled primarily for the installation of major high priority warfare improvement alterations.

DPIA (Docking Planned Incremental Availability): A labor-intensive availability, of less than one year duration, for aircraft carriers in an Incremental Maintenance Plan. Maintenance and modernization are accomplished. Aircraft carriers assigned to Incremental Maintenance Plans are maintained through CIA's, PIAs and DPIAs in lieu of overhauls.

DPMA (Docking Phased Maintenance Availability): A PMA expanded to include maintenance and modernization that require dry-docking.

DSRA (Docking Selected Restricted Availabilities): An SRA expanded to include maintenance and modernization that require dry-docking.

EDPMA (Extended Docking Phased Maintenance Availability): A DPMA expanded to include maintenance and modernization that cannot be accomplished in a DPMA.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 10: Reactor Plant Equipment	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

EDSRA (Extended Docking Selected Restricted Availability): A DSRA expanded to include maintenance and modernization that cannot be accomplished in a DSRA.

ERP (Extended Refit Period): Selected Restricted Availability with short docking inspection period.

EOH (Engineered Overhaul): Overhaul availabilities of nuclear powered submarines during which the reactor is not refueled.

ERO (Engineered Refueling Overhaul): Overhaul major maintenance availabilities of different nuclear powered submarine classes during which the reactor is also refueled.

MMP (Major Maintenance Period): An onsite non-CNO availability for SSGNs for the accomplishment of maintenance and modernization.

OH (Overhaul): A major availability normally exceeding 6-months duration for the accomplishment of maintenance and modernization.

PIA (Planned Incremental Availability): A labor-intensive availability, of less than 6 months duration, for aircraft carriers in an Incremental Maintenance Plan. Maintenance and modernization are accomplished. Aircraft carriers assigned to Incremental Maintenance Plans are maintained through CIA's, PIAs and DPIAs in lieu of overhauls.

PIRA (Pre-Inactivation Restricted Availability): A hull specific availability assigned to establish a final, abbreviated OPCYCLE prior to inactivation.

PMA (Phased Maintenance Availability): A short labor-intensive availability for ships in a Phased Maintenance Program for the accomplishment of maintenance and modernization. Ships assigned to Phased Maintenance Programs are maintained through PMAs in lieu of overhauls.

RA/TA (Restricted/Technical Availability): RA/TA is used to provide depot level support and maintenance (ie. Combat Systems, Habitability, Calibration, Ship Engineering material assessment, Nuclear Regional Maintenance Facilities).

SCO (Service Craft Overhaul): A major industrial availability for the accomplishment of maintenance and modernization on service craft.

SRA (Selected Restricted Availability): A short labor-intensive industrial period assigned to ships in Progressive or Engineered Operating Cycle Maintenance Programs for the accomplishment of maintenance and selected modernization. Ships assigned to Progressive Maintenance Programs are maintained through SRAs in lieu of overhauls.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 10: Reactor Plant Equipment	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	1 / Ship Maintenance, Repair and Modernization				- / 6,311.583	- / 2,573.098	- / 2,392.620	- / 2,737.140	- / 0.000	- / 2,737.140
P-40	**Total Gross/Weapon System Cost**				**- / 6,311.583**	**- / 2,573.098**	**- / 2,392.620**	**- / 2,737.140**	**- / 0.000**	**- / 2,737.140**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 requests $2.7 billion for U.S. Pacific Fleet and U.S. Fleet Forces to continue private contracted ship maintenance. Funding for ship maintenance Overhauls (OH) to Restricted/Technical Availabilities (RA/TA) performed at private shipyards. Ship overhauls restore the ship, including all operating systems that affect safety or combat capability, to established performance standards.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	6,311.583	2,573.098	2,392.620	2,737.140	0.000	2,737.140
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	6,311.583	2,573.098	2,392.620	2,737.140	0.000	2,737.140
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**6,311.583**	**2,573.098**	**2,392.620**	**2,737.140**	**0.000**	**2,737.140**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost *($)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($)*	Qty *(Each)*	Total Cost *($ M)*	Unit Cost *($)*	Qty *(Each)*	Total Cost *($ M)*
Flyaway - Ship Availability - U.S. Pacific Fleet Cost																		
Recurring Cost																		
1.1.1) USS ABRAHAM LINCOLN (CVN-0072) (PIA2) (1)	-	-	62.194	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.2) USS AMERICA (LHA-0006) (ES-DSRA1)	-	-	-	-	-	233.223	-	-	11.524	-	-	6.381	-	-	-	-	-	6.381
1.1.3) USS ANCHORAGE (LPD-0023) (SRA2-1)	-	-	103.165	-	-	-	-	-	4.128	-	-	80.164	-	-	-	-	-	80.164
1.1.4) USS AUGUSTA (LCS-0034) (DSRA1)	-	-	-	-	-	5.364	-	-	71.529	-	-	3.715	-	-	-	-	-	3.715
1.1.5) USS BARRY (DDG-0052) (SRA5-1)	-	-	266.952	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.6) USS BARRY (DDG-0052) (ISRA6-2)	-	-	-	-	-	-	-	-	0.341	-	-	17.419	-	-	-	-	-	17.419
1.1.7) USS BENFOLD (DDG-0065) (SRA5-2)	-	-	-	-	-	-	-	-	41.870	-	-	-	-	-	-	-	-	-
1.1.8) USS BOXER (LHD-0004) (DPMA3)	-	-	176.269	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.9) USS BOXER (LHD-0004) (SRA4-1)	-	-	-	-	-	2.552	-	-	152.758	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.1.10) USS CANBERRA (LCS-0030) (DSRA1)	-	-	-	-	-	6.620	-	-	5.530	-	-	75.085	-	-	-	-	-	75.085
1.1.11) USS CARL M. LEVIN (DDG-0120) (ISRA1-1)	-	-	-	-	-	-	-	-	0.654	-	-	13.449	-	-	-	-	-	13.449
1.1.12) USS CARL M. LEVIN (DDG-120) (ISRA1-2)	-	-	-	-	-	-	-	-	-	-	-	0.668	-	-	-	-	-	0.668
1.1.13) USS CARL VINSON (CVN-70) (PIA3)	-	-	58.062	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.14) USS CHAFEE (DDG-0090) (SRA3-1)	-	-	86.291	-	-	-	-	-	0.334	-	-	2.386	-	-	-	-	-	2.386
1.1.15) USS CHARLESTON (LCS-0018) (DSRA1)	-	-	5.894	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.16) USS CHUNG-HOON (DDG-0093) (DMP2)	-	-	186.119	-	-	-	-	-	4.352	-	-	10.948	-	-	-	-	-	10.948
1.1.17) USS CINCINNATI (LCS-0020) (DSRA1)	-	-	0.627	-	-	0.979	-	-	8.167	-	-	76.009	-	-	-	-	-	76.009
1.1.18) USS COMSTOCK (LSD-0045) (SRA4-1)	-	-	-	-	-	10.605	-	-	9.276	-	-	73.467	-	-	-	-	-	73.467
1.1.19) USS CURTIS WILBUR (DDG-0054) (ES-SRA4-1)	-	-	74.193	-	-	5.975	-	-	1.772	-	-	-	-	-	-	-	-	-
1.1.20) USS DANIEL INOUYE (DDG-0118) (ISRA1-1)	-	-	-	-	-	28.844	-	-	-	-	-	0.477	-	-	-	-	-	0.477
1.1.21) USS DECATUR (DDG-0073) (SRA3-1)	-	-	42.466	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.22) USS DECATUR (DDG-0073) (DSRA5)	-	-	-	-	-	-	-	-	1.617	-	-	82.681	-	-	-	-	-	82.681
1.1.23) USS ESSEX (LHD-0002) (ES-SRA4-1)	-	-	162.067	-	-	-	-	-	-	-	-	1.471	-	-	-	-	-	1.471

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.1.24) USS FITZGERALD (DDG-0062) (SRA4-1)	-	-	4.644	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.25) USS FITZGERALD (DDG-0062) (ISRA6-1)	-	-	-	-	-	3.532	-	-	27.797	-	-	0.944	-	-	-	-	-	0.944
1.1.26) USS FRANK E. PETERSON JR. (DDG-0121) (ISRA1-1)	-	-	-	-	-	2.886	-	-	-	-	-	0.172	-	-	-	-	-	0.172
1.1.27) USS FRANK E. PETERSON JR. (DDG-0121) (ISRA1-2)	-	-	-	-	-	-	-	-	0.178	-	-	9.112	-	-	-	-	-	9.112
1.1.28) USS GABRIELLE GIFFORDS (LCS-0010) (DSRA2)	-	-	58.370	-	-	73.869	-	-	8.573	-	-	-	-	-	-	-	-	-
1.1.29) USS GERMANTOWN (LSD-0042) (SRA4-1)	-	-	5.684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.30) USS GREEN BAY (LPD 20) (DSRA2)	-	-	-	-	-	190.277	-	-	26.350	-	-	-	-	-	-	-	-	-
1.1.31) USS GRIDLEY (DDG-0101) (SRA2-2)	-	-	70.399	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.32) USS GRIDLEY (DDG-0101) (DMP)	-	-	-	-	-	8.937	-	-	10.813	-	-	142.075	-	-	-	-	-	142.075
1.1.33) USS HALSEY (DDG-0097) (DMP)	-	-	119.970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.34) USS HALSEY (DDG-0097) (DMP2)	-	-	-	-	-	-	-	-	-	-	-	3.211	-	-	-	-	-	3.211
1.1.35) USS HARPERS FERRY (LSD-0049) (DSRA3)	-	-	104.485	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.36) USS HARPERS FERRY (LSD-0049) (SRA4-1)	-	-	-	-	-	97.567	-	-	25.000	-	-	-	-	-	-	-	-	-
1.1.37) USS HARPERS FERRY (LSD-0049) (SRA4-2)	-	-	-	-	-	-	-	-	-	-	-	0.735	-	-	-	-	-	0.735
1.1.38) USS HOPPER (DDG-0070) (SRA3-1(d))	-	-	74.708	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.1.39) USS HOPPER (DDG-0070) (ISRA6-1)	-	-	-	-	-	-	-	-	0.322	-	-	16.467	-	-	-	-	-	16.467
1.1.40) USS JACK H. LUCAS (DDG-0125) (ISRA1-1)	-	-	-	-	-	-	-	-	0.089	-	-	9.201	-	-	-	-	-	9.201
1.1.41) USS JACKSON (LCS-0006) (DSRA1)	-	-	30.113	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.42) USS JACKSON (LCS-0006) (DSRA2)	-	-	-	-	-	-	-	-	1.062	-	-	107.652	-	-	-	-	-	107.652
1.1.43) USS JOHN FINN (DDG-0113) (SRA1-1)	-	-	12.928	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.44) USS JEREMIAH DENTON (DDG-0129) (ISRA1-1)	-	-	-	-	-	-	-	-	-	-	-	0.091	-	-	-	-	-	0.091
1.1.45) USS JOHN PAUL JONES (DDG-0053) (DSRA3)	-	-	165.701	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.46) USS JOHN PAUL JONES (DDG-0053) (ISRA6-1)	-	-	-	-	-	-	-	-	2.942	-	-	16.036	-	-	-	-	-	16.036
1.1.47) USS JOHN PAUL JONES (DDG-0053) (ISRA6-2)	-	-	-	-	-	-	-	-	-	-	-	0.870	-	-	-	-	-	0.870
1.1.48) USS JOHN P. MURTHA (LPD-0026) (DSRA1)	-	-	27.237	-	-	-	-	-	21.970	-	-	123.774	-	-	-	-	-	123.774
1.1.49) USS JOHN S. MCCAIN (DDG-0056) (DSRA4)	-	-	92.416	-	-	-	-	-	6.469	-	-	-	-	-	-	-	-	-
1.1.50) USS JOHN S. MCCAIN (DDG-0056) (ISRA6-1)	-	-	-	-	-	-	-	-	-	-	-	0.870	-	-	-	-	-	0.870
1.1.51) USS KANSAS CITY (LCS-0022) (DSRA1)	-	-	0.076	-	-	6.162	-	-	70.259	-	-	3.731	-	-	-	-	-	3.731
1.1.52) USS KIDD (DDG-0100) (ES-DMP)	-	-	142.783	-	-	46.212	-	-	21.155	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

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Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.1.53) USS LAKE ERIE (CG-0070) (SRA3-1)	-	-	27.273	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.54) USS LENAH H. SUTCLIFFE HIGBEE (DDG-0123) (ISRA1-1)	-	-	-	-	-	1.100	-	-	18.263	-	-	0.164	-	-	-	-	-	0.164
1.1.55) USS LENAH H. SUTCLIFFE HIGBEE (DDG-0123) (ISRA1-2)	-	-	-	-	-	-	-	-	0.446	-	-	8.654	-	-	-	-	-	8.654
1.1.56) USS MAKIN ISLAND (LHD-0008) (DSRA2)	-	-	-	-	-	0.040	-	-	4.209	-	-	206.486	-	-	-	-	-	206.486
1.1.57) USS MANCHESTER (LCS-0014) (DSRA2)	-	-	52.455	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.58) USS MANCHESTER (LCS-0014) (SRA1)	-	-	-	-	-	34.802	-	-	0.722	-	-	-	-	-	-	-	-	-
1.1.59) USS MCCAMPBELL (DDG-0085) (DMP)	-	-	110.740	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.60) USS MICHAEL MONSOOR (DDG-1001) (BYMP)	-	-	-	-	-	6.039	-	-	54.081	-	-	-	-	-	-	-	-	-
1.1.61) USS MICHAEL MURPHY (DDG-0112) (DSRA1)	-	-	70.092	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.62) USS MICHAEL MURPHY (DDG-0112) (ISRA3-1)	-	-	-	-	-	1.600	-	-	27.650	-	-	0.920	-	-	-	-	-	0.920
1.1.63) USS MOBILE BAY (CG-0053) (SRA3-3)	-	-	37.082	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.64) USS MOBILE (LCS 0026) (ES-DSRA1)	-	-	70.985	-	-	-	-	-	1.411	-	-	-	-	-	-	-	-	-
1.1.65) USS MOMSEN (DDG-0092) (DMP)	-	-	120.713	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
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Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.1.66) USS MONTGOMERY (LCS-0008) (DSRA1)	-	-	53.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.67) USS MONTGOMERY (LCS-0008) (DSRA2)	-	-	-	-	-	-	-	-	2.100	-	-	107.357	-	-	-	-	-	107.357
1.1.68) USS MUSTIN (DDG-0089) (ES-DMP)	-	-	80.056	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.69) USS NEW ORLEANS (LPD-0018) (DSRA2)	-	-	-	-	-	-	-	-	-	-	-	9.017	-	-	-	-	-	9.017
1.1.70) USS NIMITZ (CVN-0068) (CIA)	-	-	66.677	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.71) USS OAKLAND (LCS-0024) (DRSA1)	-	-	62.968	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.72) USS O'KANE (DDG-0077) (ES-DSRA3)	-	-	-	-	-	77.056	-	-	2.462	-	-	-	-	-	-	-	-	-
1.1.73) USS O'KANE (DDG-0077) (SRA3-1)	-	-	25.228	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.74) USS OMAHA (LCS-0012) (DSRA1)	-	-	52.696	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.75) USS OMAHA (LCS-0012) (SRA)	-	-	-	-	-	30.939	-	-	1.235	-	-	-	-	-	-	-	-	-
1.1.76) USS PAUL HAMILTON (DDG-0060) (DSRA3)	-	-	28.987	-	-	-	-	-	0.907	-	-	91.925	-	-	-	-	-	91.925
1.1.77) USS PAUL HAMILTON (DDG-0060) (SRA-3-2)	-	-	36.853	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.78) USS PEARL HARBOR (LSD-0052) (ES-DSRA4)	-	-	-	-	-	18.841	-	-	146.023	-	-	-	-	-	-	-	-	-
1.1.79) USS PINCKNEY (DDG-0091) (ES-DMP)	-	-	75.388	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.80) USS PINCKNEY (DDG-0091) (DMP2)	-	-	-	-	-	5.503	-	-	59.027	-	-	1.198	-	-	-	-	-	1.198

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
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Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.1.81) USS PORTLAND (LPD-0027) (ES-SRA1-2)	-	-	46.907	-	-	3.984	-	-	17.147	-	-	63.977	-	-	-	-	-	63.977
1.1.82) USS PREBLE (DDG-0088) (DMP)	-	-	86.462	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.83) USS PRINCETON (CG-0059) (SRA3-2)	-	-	32.926	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.84) USS RUSSELL (DDG-0059) (DSRA3)	-	-	-	-	-	88.246	-	-	2.996	-	-	-	-	-	-	-	-	-
1.1.85) USS RUSSELL (DDG-0059) (SRA3-2)	-	-	47.468	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.86) USS RUSSELL (DDG-0059) (ISRA6-1)	-	-	-	-	-	-	-	-	-	-	-	0.784	-	-	-	-	-	0.784
1.1.87) USS SAMPSON (DDG-102) (DMP)	-	-	49.091	-	-	9.946	-	-	165.529	-	-	2.817	-	-	-	-	-	2.817
1.1.88) USS SAN DIEGO (LPD-0022) (DSRA1)	-	-	120.214	-	-	0.214	-	-	-	-	-	-	-	-	-	-	-	-
1.1.89) USS SANTA BARBARA (LCS-0032) (DSRA1)	-	-	-	-	-	-	-	-	1.579	-	-	79.204	-	-	-	-	-	79.204
1.1.90) USS SAVANNAH (LCS-0028) (DSRA1)	-	-	-	-	-	65.638	-	-	8.546	-	-	2.447	-	-	-	-	-	2.447
1.1.91) USS SOMERSET (LPD-0025)(DSRA1)	-	-	-	-	-	178.687	-	-	20.208	-	-	-	-	-	-	-	-	-
1.1.92) USS SPRUANCE (DDG-0111) (ES-SRA2-1)	-	-	60.751	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.93) USS SPRUANCE (DDG-0111) (ISRA3-2)	-	-	-	-	-	2.510	-	-	64.858	-	-	3.369	-	-	-	-	-	3.369
1.1.94) USS STERETT (DDG-0104) (SRA2-2)	-	-	19.207	-	-	33.143	-	-	1.331	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
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Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.1.95) USS STERETT (DDG-0104) (DMP)	-	-	-	-	-	-	-	-	-	-	-	0.990	-	-	-	-	-	0.990
1.1.96) USS STETHEM (DDG-0063) (ISRA6-1)	-	-	-	-	-	-	-	-	1.543	-	-	78.888	-	-	-	-	-	78.888
1.1.97) USS STOCKDALE (DDG-0106) (SRA2-2)	-	-	21.891	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.98) USS STOCKDALE (DDG-0106) (DSRA2)	-	-	-	-	-	14.345	-	-	88.537	-	-	3.003	-	-	-	-	-	3.003
1.1.99) USS THEODORE ROOSEVELT (CVN-0071) (CIA)	-	-	18.043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.100) USS THEODORE ROOSEVELT (CVN-0071) (DPIA3)	-	-	241.368	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.101) USS TRIPOLI (LHA-0007) (SRA1-1)	-	-	60.397	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.102) USS TULSA (LCS-0016) (DSRA1)	-	-	60.006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.103) USS WAYNE E. MEYER (DDG-0108) (ISRA4-1)	-	-	100.508	-	-	-	-	-	2.441	-	-	-	-	-	-	-	-	-
1.1.104) USS WAYNE E. MEYER (DDG-0108) (SRA2-2)	-	-	-	-	-	-	-	-	-	-	-	32.113	-	-	-	-	-	32.113
1.1.105) USS WILLIAM P. LAWRENCE (DDG-0110) (SRA2-1)	-	-	86.376	-	-	6.064	-	-	16.607	-	-	-	-	-	-	-	-	-
1.1.106) USS WILLIAM P. LAWRENCE (DDG-0110) (SRA2-2)	-	-	-	-	-	-	-	-	-	-	-	0.301	-	-	-	-	-	0.301
1.1.107) USS ZUMWALT (DDG-1000) (DSRA1)	-	-	86.448	-	-	-	-	-	-	-	-	7.323	-	-	-	-	-	7.323

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Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1.1.108) HABITABILITY (DDG-0051)	-	-	10.394	-	-	-	-	-	22.494	-	-	-	-	-	-	-	-	-
1.1.109) HABITABILITY (LSD-0041)	-	-	14.470	-	-	-	-	-	18.784	-	-	-	-	-	-	-	-	-
1.1.110) Level of Effort Requirements [2]	-	-	37.014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.1.111) Requirements in Development (FY25-FY31)	-	-	-	-	-	-	-	-	18.571	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	*4,305.447*	-	-	*1,302.301*	-	-	*1,306.538*	-	-	*1,580.198*	-	-	-	-	-	*1,580.198*
Subtotal: Flyaway - Ship Availability - U.S. Pacific Fleet Cost	**-**	**-**	***4,305.447***	**-**	**-**	***1,302.301***	**-**	**-**	***1,306.538***	**-**	**-**	***1,580.198***	**-**	**-**	**-**	**-**	**-**	***1,580.198***
Flyaway - Ship Availability - U.S. Fleet Forces Cost																		
Recurring Cost																		
2.1.1) USS ARLINGTON (LPD-0024) (DSRA1)	-	-	177.316	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.2) USS ARLINGTON (LPD-0024) (SRA2-1)	-	-	-	-	-	-	-	-	1.792	-	-	88.773	-	-	-	-	-	88.773
2.1.4) USS BAINBRIDGE (DDG-0096) (SRA3-1)	-	-	-	-	-	4.029	-	-	42.281	-	-	2.111	-	-	-	-	-	2.111
2.1.7) USS BELOIT (LCS-0029) SRA1	-	-	-	-	-	-	-	-	-	-	-	0.365	-	-	-	-	-	0.365
2.1.9) USS BILLINGS (LCS-0015) DSRA1	-	-	-	-	-	-	-	-	1.124	-	-	69.545	-	-	-	-	-	69.545
2.1.12) USS BOISE (SSN-0764) EOH	-	-	-	-	-	330.000	-	-	-	-	-	100.300	-	-	-	-	-	100.300
2.1.15) USS CARNEY (DDG-0064) ISRA6-1	-	-	-	-	-	-	-	-	0.320	-	-	16.348	-	-	-	-	-	16.348
2.1.17) USS CARTER HALL (LSD-0050) SRA4-1	-	-	-	-	-	-	-	-	1.575	-	-	79.021	-	-	-	-	-	79.021
2.1.21) USS COLE (DDG-0067) DSRA3	-	-	1.076	-	-	2.191	-	-	121.048	-	-	5.667	-	-	-	-	-	5.667

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	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.1.24) USS COOPERSTOWN (LCS-0023) SRA1	-	-	-	-	-	-	-	-	-	-	-	36.969	-	-	-	-	-	36.969
2.1.26) USS DELBERT D BLACK (DDG-0119) ISRA2	-	-	17.250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.27) USS DELBERT D BLACK (DDG-0119) DSRA1	-	-	-	-	-	-	-	-	3.922	-	-	52.738	-	-	-	-	-	52.738
2.1.28) USS DONALD COOK (DDG-0075) DSRA5	-	-	-	-	-	0.688	-	-	78.680	-	-	2.511	-	-	-	-	-	2.511
2.1.30) USS DYNAMIC (AFDL-0001) ROH	-	-	18.659	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.31) USS DYNAMIC (AFDL-0001) NW-SCO	-	-	0.925	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.32) USS FARRAGUT (DDG-0099) DSRA2	-	-	-	-	-	-	-	-	1.029	-	-	7.352	-	-	-	-	-	7.352
2.1.34) USS FORREST SHERMAN (DDG-0098) SRA2-2	-	-	25.471	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.35) USS FORREST SHERMAN (DDG-0098) DMP	-	-	0.997	-	-	10.312	-	-	112.127	-	-	8.066	-	-	-	-	-	8.066
2.1.36) USS FORT LAUDERDALE (LPD-0028) SRA1-1	-	-	-	-	-	8.808	-	-	49.336	-	-	4.138	-	-	-	-	-	4.138
2.1.38) USS GEORGE H W BUSH (CVN-0077) FO-PIA2	-	-	158.373	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.39) USS GEORGE WASHINGTON (CVN-0073) CIA-R	-	-	2.415	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.40) USS GEORGE WASHINGTON (CVN-0073) NW-CIA-R	-	-	14.557	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.1.41) USS GEORGE WASHINGTON (CVN-0077) FO-PIA3	-	-	36.944	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.42) USS GERALD R FORD (CVN-0078) FO-CIA	-	-	15.170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.43) USS GONZALEZ (DDG-0066) SRA3-2	-	-	20.973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.44) USS GONZALEZ (DDG-0066) DSRA5	-	-	-	-	-	0.243	-	-	7.804	-	-	106.030	-	-	-	-	-	106.030
2.1.46) USS GRAVELY (DDG-0051) ISRA	-	-	6.586	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.47) USS GRAVELY (DDG-0051) NW-ISRA	-	-	0.897	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.48) USS GRAVELY (DDG-0107) ISRA2	-	-	20.715	-	-	35.540	-	-	-	-	-	-	-	-	-	-	-	-
2.1.49) USS GRAVELY (DDG-0107) SRA2-2	-	-	0.553	-	-	4.007	-	-	-	-	-	-	-	-	-	-	-	-
2.1.51) USS HARRY S TRUMAN (CVN-0075) FO-PIA3	-	-	69.212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.54) USS INDIANAPOLIS (LCS-0017) DSRA1	-	-	-	-	-	-	-	-	5.833	-	-	68.291	-	-	-	-	-	68.291
2.1.56) USS IWO JIMA (LHD-0007) SRA3-1	-	-	-	-	-	25.938	-	-	-	-	-	20.301	-	-	-	-	-	20.301
2.1.58) USS IWO JIMA (LHD-0007) FO-DPMA2	-	-	203.649	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.59) USS IWO JIMA (LHD-0007) NW-DPMA	-	-	22.280	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.60) USS JAMES E WILLIAMS (DDG-0095) DMP	-	-	-	-	-	0.010	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.1.61) USS JAMES E WILLIAMS (DDG-0095) DMP1	-	-	179.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.63) USS JASON DUNHAM (DDG-0109) SRA2-1	-	-	14.213	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.64) USS JASON DUNHAM (DDG-0109) NW-SRA 2-1	-	-	6.076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.65) USS JASON DUNHAM (DDG-0109) ISRA2	-	-	-	-	-	4.943	-	-	-	-	-	-	-	-	-	-	-	-
2.1.66) USS JASON DUNHAM (DDG-0109) ISRA3-2	-	-	-	-	-	-	-	-	6.093	-	-	15.031	-	-	-	-	-	15.031
2.1.69) USS KEARSARGE (LHD-0003) SRA4-1	-	-	-	-	-	-	-	-	1.840	-	-	13.148	-	-	-	-	-	13.148
2.1.70) USS LABOON (DDG-58) DSRA3	-	-	18.237	-	-	127.742	-	-	15.000	-	-	-	-	-	-	-	-	-
2.1.71) USS LABOON (DDG-58) ISRA6-1	-	-	-	-	-	-	-	-	-	-	-	0.381	-	-	-	-	-	0.381
2.1.73) USS LASSEN (DDG-0082) DMP	-	-	98.473	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.74) USS LASSEN (DDG-0082) ISRA5-1	-	-	-	-	-	-	-	-	0.320	-	-	16.348	-	-	-	-	-	16.348
2.1.76) USS MAHAN (DDG-0072) DSRA3	-	-	-	-	-	18.830	-	-	107.108	-	-	12.519	-	-	-	-	-	12.519
2.1.77) USS MAHAN (DDG-0072) ISRA6-1	-	-	-	-	-	-	-	-	-	-	-	0.191	-	-	-	-	-	0.191
2.1.78) USS MARINETTE (LCS-0001) SRA1	-	-	-	-	-	-	-	-	2.176	-	-	2.601	-	-	-	-	-	2.601
2.1.80) USS MASON (DDG-0087) ISRA1	-	-	19.614	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.81) USS MASON (DDG-0087) ISRA5-2	-	-	-	-	-	-	-	-	1.119	-	-	15.050	-	-	-	-	-	15.050
2.1.84) USS MCFAUL (DDG-0074) ISRA2	-	-	-	-	-	14.105	-	-	-	-	-	-	-	-	-	-	-	-
2.1.85) USS MCFAUL (DDG-0074) DSRA5	-	-	-	-	-	-	-	-	-	-	-	145.530	-	-	-	-	-	145.530

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.1.86) USS MESA VERDE (LPD-0019) SRA2-1	-	-	142.477	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.87) USS MESA VERDE (LPD-0019) SRA2-2	-	-	-	-	-	-	-	-	-	-	-	5.401	-	-	-	-	-	5.401
2.1.89) USS MINNEAPOLIS/ST PAUL (LCS-0001) SRA1	-	-	-	-	-	-	-	-	2.547	-	-	12.949	-	-	-	-	-	12.949
2.1.91) USS MITSCHER (DDG-0057) DSRA3	-	-	98.579	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.92) USS MITSCHER (DDG-0057) NW-DSRA3	-	-	10.895	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.93) USS MITSCHER (DDG-0057) ISRA1	-	-	-	-	-	3.852	-	-	13.838	-	-	-	-	-	-	-	-	-
2.1.94) USS MITSCHER (DDG-0057) ISRA6-2	-	-	-	-	-	-	-	-	0.373	-	-	19.088	-	-	-	-	-	19.088
2.1.97) USS NEW YORK (LPD-0021) SRA2-1	-	-	14.170	-	-	96.741	-	-	9.325	-	-	-	-	-	-	-	-	-
2.1.99) USS NITZE (DDG-0094) DMP	-	-	131.196	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.100) USS OAK HILL (LSD-0051) DSRA3	-	-	22.798	-	-	130.172	-	-	14.036	-	-	-	-	-	-	-	-	-
2.1.103) USS OREGON (SSN-0793) EDSRA1-AP	-	-	-	-	-	-	-	-	-	-	-	117.139	-	-	-	-	-	117.139
2.1.108) USS PORTER (DDG-0078) EDSRA	-	-	17.621	-	-	86.935	-	-	5.218	-	-	-	-	-	-	-	-	-
2.1.112) USS RAMAGE (DDG-0061) DSRA3	-	-	152.436	-	-	1.153	-	-	-	-	-	-	-	-	-	-	-	-
2.1.113) USS RAMAGE (DDG-0061) SRA6-1	-	-	-	-	-	-	-	-	0.320	-	-	16.348	-	-	-	-	-	16.348

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.1.115) USS RICHARD M MCCOOL JR (LPD-0029) SRA1-1	-	-	-	-	-	-	-	-	-	-	-	0.580	-	-	-	-	-	0.580
2.1.116) USS ROOSEVELT (DDG-0080) DSRA4	-	-	-	-	-	-	-	-	1.085	-	-	7.757	-	-	-	-	-	7.757
2.1.117) USS ROSS (DDG-0071) SRA5-1	-	-	-	-	-	0.001	-	-	1.307	-	-	17.581	-	-	-	-	-	17.581
2.1.118) USS ROSS (DDG-0071) ISRA5-2	-	-	-	-	-	-	-	-	-	-	-	0.195	-	-	-	-	-	0.195
2.1.119) USS SAN ANTONIO (LPD-0017) SRA2-1	-	-	63.297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.120) USS SAN ANTONIO (LPD-0017) NW-SRA-2-2	-	-	14.668	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.121) USS SAN ANTONIO (LPD-0017) SRA2-2	-	-	-	-	-	33.576	-	-	49.607	-	-	12.326	-	-	-	-	-	12.326
2.1.123) USS ST. LOUIS (LCS-0019) DSRA1	-	-	-	-	-	-	-	-	67.265	-	-	-	-	-	-	-	-	-
2.1.125) USS STOUT (DDG-0055) ISRA1	-	-	-	-	-	13.547	-	-	-	-	-	-	-	-	-	-	-	-
2.1.126) USS STOUT (DDG-0055) ISRA6-2	-	-	-	-	-	-	-	-	0.933	-	-	18.127	-	-	-	-	-	18.127
2.1.128) USS TED STEVENS (DDG-0128) ISRA1-1	-	-	-	-	-	-	-	-	-	-	-	0.111	-	-	-	-	-	0.111
2.1.130) USS THE SULLIVANS (DDG-0068) DSRA3	-	-	15.199	-	-	103.397	-	-	12.087	-	-	-	-	-	-	-	-	-
2.1.131) USS THE SULLIVANS (DDG-0068) ISRA6-1	-	-	6.417	-	-	-	-	-	-	-	-	0.333	-	-	-	-	-	0.333
2.1.132) USS THE SULLIVANS (DDG-0068) ISRA6-2	-	-	6.432	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.133) USS THOMAS HUDNER (DDG-0116) DSRA1	-	-	0.470	-	-	5.605	-	-	96.808	-	-	7.757	-	-	-	-	-	7.757

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.1.134) USS THOMAS HUDNER (DDG-0116) ISRA2-1	-	-	15.253	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.135) USS THOMAS HUDNER (DDG-0116) ISRA	-	-	0.268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.136) USS THOMAS HUDNER (DDG-0116) ISRA2-2	-	-	3.684	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.137) USS TRUXTUN (DDG-0103) ISRA	-	-	10.424	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.138) USS TRUXTUN (DDG-0103) DMP	-	-	-	-	-	12.159	-	-	135.506	-	-	13.114	-	-	-	-	-	13.114
2.1.139) USS TRUXUN (DDG-0103) ISRA2	-	-	9.712	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.140) USS WASP (LHD-0001) SRA4-1	-	-	25.590	-	-	168.345	-	-	8.898	-	-	-	-	-	-	-	-	-
2.1.141) USS WICHITA (LCS-0013) DSRA1	-	-	-	-	-	2.906	-	-	60.305	-	-	3.309	-	-	-	-	-	3.309
2.1.145) USS WINSTON S CHURCHILL (DDG-0081) ISRA5-1	-	-	-	-	-	2.167	-	-	11.512	-	-	0.569	-	-	-	-	-	0.569
2.1.146) USS WINSTON S CHURCHILL (DDG-0081) ISRA5-2	-	-	-	-	-	-	-	-	0.799	-	-	-	-	-	-	-	-	-
2.1.147) USS WINSTON S CHURCHILL (DDG-0081) DSRA5	-	-	-	-	-	-	-	-	-	-	-	1.674	-	-	-	-	-	1.674
2.1.149) HABITABILITY (CVN-0075)	-	-	3.255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.150) HABITABILITY (CVN-0069)	-	-	6.834	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1000 / Ship Maintenance, Repair and Modernization	**Item Number / Title [DODIC]:** 1 / Ship Maintenance, Repair and Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.1.151) HABITABILITY (CVN-0077)	-	-	0.069	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.152) HABITABILITY (CVN-0078)	-	-	0.070	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.153) HABITABILITY (DDG-0051)	-	-	35.160	-	-	12.839	-	-	23.386	-	-	13.259	-	-	-	-	-	13.259
2.1.154) HABITABILITY (LHD-0001)	-	-	31.836	-	-	7.409	-	-	6.770	-	-	-	-	-	-	-	-	-
2.1.155) HABITABILITY (LPD-0017)	-	-	17.595	-	-	2.562	-	-	3.630	-	-	-	-	-	-	-	-	-
2.1.156) HABITABILITY (LPD-0049)	-	-	-	-	-	0.045	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	*2,006.136*	-	-	*1,270.797*	-	-	*1,086.082*	-	-	*1,156.942*	-	-	-	-	-	*1,156.942*
Subtotal: Flyaway - Ship Availability - U.S. Fleet Forces Cost	**-**	**-**	***2,006.136***	**-**	**-**	***1,270.797***	**-**	**-**	***1,086.082***	**-**	**-**	***1,156.942***	**-**	**-**	**-**	**-**	**-**	***1,156.942***
Gross/Weapon System Cost	**-**	**-**	**6,311.583**	**-**	**-**	**2,573.098**	**-**	**-**	**2,392.620**	**-**	**-**	**2,737.140**	**-**	**-**	**0.000**	**-**	**-**	**2,737.140**

Footnotes:

(1) Ship Maintenance, Repair and Modernization contract strategy initiatives to properly fund availabilites are based on projected ship availability contract award dates.

(2) Funds represent growth work and level of effort requirements supporting private ship maintenance availabilities.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 10: Reactor Plant Equipment	**P-1 Line Item Number / Title:** 1020 / Reactor Components

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	5,099.392	445.974	474.806	519.821	0.000	519.821	1,004.040	537.794	503.910	475.920	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	5,099.392	445.974	474.806	519.821	0.000	519.821	1,004.040	537.794	503.910	475.920	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**5,099.392**	**445.974**	**474.806**	**519.821**	**0.000**	**519.821**	**1,004.040**	**537.794**	**503.910**	**475.920**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This Program funds long lead time nuclear reactor propulsion plant components for planned and emergent installation and reactor plant spares for all operational submarines (SSBN, SSN, and SSGN), aircraft carriers (CVN), moored training ships (MTS). and fleet training equipment.

The details of this program are classified CONFIDENTIAL and are submitted to Congress annually in the classified budget justification books.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 10: Reactor Plant Equipment	**P-1 Line Item Number / Title:** 1020 / Reactor Components

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Reactor Components				- / 5,099.392	- / 445.974	- / 474.806	- / 519.821	- / -	- / 519.821
P-40	**Total Gross/Weapon System Cost**				**- / 5,099.392**	**- / 445.974**	**- / 474.806**	**- / 519.821**	**- / 0.000**	**- / 519.821**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
More specific details are classified CONFIDENTIAL and are submitted to Congress annually in the classified budget justification books.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 10	**P-1 Line Item Number / Title:** 1020 / Reactor Components	**Aggregated Items Title:** Reactor Components

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) Reactor Components																				
1.1) Reactor Components	A		-	-	5,099.392	-	-	445.974	-	-	474.806	-	-	519.821	-	-	-	-	-	519.821
Subtotal: 1) Reactor Components			**-**	**-**	***5,099.392***	**-**	**-**	***445.974***	**-**	**-**	***474.806***	**-**	**-**	***519.821***	**-**	**-**	**-**	**-**	**-**	***519.821***
Total			**-**	**-**	**5,099.392**	**-**	**-**	**445.974**	**-**	**-**	**474.806**	**-**	**-**	**519.821**	**-**	**-**	**-**	**-**	**-**	**519.821**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 11: Ocean Engineering	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0204561N, 0204454N, 0204423N, 0203424N, 0603713N

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	87.633	14.000	7.842	33.013	0.000	33.013	30.664	19.796	13.944	14.219	-	221.111
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	87.633	14.000	7.842	33.013	0.000	33.013	30.664	19.796	13.944	14.219	-	221.111
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**87.633**	**14.000**	**7.842**	**33.013**	**0.000**	**33.013**	**30.664**	**19.796**	**13.944**	**14.219**	**-**	**221.111**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

DIVING AND SALVAGE EQUIPMENT:
The equipment procured from this Diving and Salvage OPN line item provides critical diving and salvage equipment that enables planned/emergent waterborne submarine/ship repairs, salvage and battle damage repair operations, search and recovery to water depths up to 20,000 feet of seawater and Undersea Clandestine Insertion of Special Operations Forces (UCI-SOF) (service common equipment) to keep our Navy fleet operational and enable national priority missions. Program objectives are to: (1) provide increased safety for divers, (2) increase underwater ship maintenance capabilities, (3) provide reliable, rapid response salvage capability, and (4) reduce diving equipment maintenance costs by standardizing configuration of diving systems in the Fleet.

FY-27 investment in Diving capability continues to emphasize phased replacement of aging life support equipment including surface-supplied diving helmet upgrades, HP composite flask replacements, SCUBA regulators and surface supplied augmented SCUBA sets, an HP Air Compressor, Air Rack Upgrades, Multi-occupant flexible recompression chamber and a Diver Launch and Recovery System. Navy dive computers, required by each diver to calculate decompression penalties, will also be procured. This equipment is essential to maintaining diving readiness throughout the Fleet. Additionally, we will make investments in new technology equipment that offer capability gains such as Diver Augmented Visual Display (DAVD) 3-D Sonar. These systems will produce a virtual environment in which a diver can operate and be directed by topside supervisors to execute salvage, search and recovery and other missions. Lastly, we continue to invest in upgrades to the Navy Experimental Diving Unit, which houses national assets such as the Ocean Simulation Facility (OSF). The OSF is a 40+ year old system that permits advanced research and testing of diving technology, diving procedures, human performance, decompression and physiology essential to advancing diving capabilities.

FY-27 investment in Salvage includes a salvage firefighting kit, Deep Drone Upgrade, Lighting Kits, Kerrie Cable Underwater Cutting System, Salvage BDR Material Kit, Salvage Roller Bags, a Full Ocean Depth Remotely Operated Vehicle (ROV) and a Full Ocean Depth Line Spooler; all will be used for ship salvage. In Underwater Ship Husbandry (UWSH) we continue investments in cofferdam systems (4 standard and 1 complex), surface ship support systems, video/camera equipment, UWSH Storage and Shipping Containers, a pier-side support van, a propeller system repair kit, power tools, rigging systems, and a submarine support system. Underwater Ship Husbandry investments continue to produce significant returns on investment by eliminating the need for emergent dry dockings, thereby returning ships to service faster and less expensive than traditional shipyard availabilities.

FY-27 investment in Naval Special Warfare Service-Common Equipment provides diving support equipment to include SCUBA diving systems, ROV systems, and MK25 replacements.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 11: Ocean Engineering	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0204561N, 0204454N, 0204423N, 0203424N, 0603713N
Line Item MDAP/MAIS Code: N/A		

[P40A / DIVING (N97)]: The DIVING EQUIPMENT to be procured in FY27 includes modernization of the Navy Experimental Diving Unit's Ocean Simulation Facility, surface supplied diving helmet upgrades, air storage flasks and racks, SCUBA equipment, an HP air compressor, dive computers (wrist mounted for calculating decompression requirements), recompression chamber systems, Diver Launch and Recovery System, and Diver Augmented Visual Display (DAVD) equipment. DAVD investment will provide Navy divers the ability to see and navigate in zero visibility water. More detailed descriptions are provided below:

[P40A / HY176 - HP AIR COMPRESSORS]: This item replaces high pressure air compressors in existing divers' life support systems (DLSS) which have reached the end of their service life. Required I/O is 300.

[P40A / HY177 - AIR PURIFICATION UNITS]: The Portable Air Purification Unit is used when charging diver's life support system (DLSS) breathing air flasks. The Portable Air Monitor Unit can monitor the diver's breathing air in accordance with the requirements of the U.S. Navy Dive Manual and can be inserted inline of the DLSS to monitor the purity of the diver's breathing air in accordance with the requirements of the U.S. Navy Dive Manual. . Required I/O is 50 units.

[P40A / HY179 - NAVY EXPERIMENTAL DIVING UNIT]: NEDU's mission is to support the Fleet diver through test and evaluation of diving equipment and procedures as well as hyperbaric systems for NAVSEA, Navy, and DOW activities. Funding is to procure equipment for test, facilities atmospheric control, life support, and physiological systems. These systems not only ensure the safety and lives of NEDU sailors performing experimental dives but ultimately support the combat readiness and mission success of the Fleet sailors who use the equipment tested at NEDU. Funding is included to support the periodic upgrade of Ocean Simulation Facility (OSF) components. The OSF is the world's largest man-rated hyperbaric chamber affording space for 12 divers in 5 hyperbaric dry chambers, man-rated for dives to 2,250 feet of sea water (1000 psi) with a 50' x 15', 55,000-gallon wet-pot capacity, temperatures from 28 to 104 degrees Fahrenheit, an associated 1.3 million-cubic foot (37 km3) bottle field and uses a fully computerized data instrumentation and collection system. Unit prices vary depending on the specific equipment mix planned for upgrade in any single year.

[P40A / HY199 - NAVY DIVE COMPUTER]: The Navy Dive Computer is a diver worn decompression computer which provides primarily Self-Contained Underwater Breathing Apparatus (SCUBA) divers with real time calculation of decompression limits/obligations. I/O is 1400.

[P40A / HY210 - COMPACT DIVER LIFE SUPPORT SYSTEM AIR SUPPLY]: This is a portable Air Supply that has designated primary and secondary air cylinders with a simple, unregulated control panel. The air supply will provide 3000-5000 psi diver-breathing air to diving life support systems (DLSS)including but not limited to the Standard Navy Double-Lock Recompression Chamber (SNDL), Transportable Recompression Chamber System (TRCS), Flyaway Diving System (FADS) III, and Lightweight Diving Systems (LWDS). This is for use in surface supplied diving and hyperbaric treatment operations. Required Inventory Objective I/O is 25.

[P40A / HY213 - HP COMPOSITE FLASK REPLACEMENT]: The flasks used in the Chamber Air and Oxygen System (CAOS), Air Supply Rack Assembly (ASRA), Oxygen Regulating Console Assembly (OSCA), Helium-Oxygen Supply Rack Assemblies (HOSRA), Compact Air Supply Assembly (CASRA), and Compact Oxygen Supply Rack Assembly (COSRA) all require replacement after 15 years. NAVSEA 00C will provide the cylinders to fleet diving commands. Required Inventory Objective I/O is 2500.

[P40A / HY224 - SCUBA REGULATORS]: This is 1st and 2nd stage Self Contained Underwater Breathing Apparatus (SCUBA) regulator fitted with an additional octopus 2nd stage and a console with both a cylinder pressure gauge and diver's depth gauge included. I/O is 5,000.

[P40A / HY233 - SURFACE SUPPLY AUGMENTED SCUBA SYSTEM]: The Surface Supply Augmented SCUBA System consists of the Interspiro DIVIATOR Dive Panel (DP) Surface Supply System and the Interspiro DIVIATOR Self Contained Underwater Breathing Apparatus (SCUBA) System. This is a lightweight, highly portable system which makes is ideal for rapid deployment to remote locations. The apparatus combines the capability of surface supplied diving with the portability of SCUBA. Required Inventory Objective I/O is 50.

[P40A / HY249 - DIVER LAUNCH AND RECOVERY SYSTEM (LARS)]: A Frame launch and recovery system for divers that includes a diver's stage. I/O = 6

[P40A / HY271 - SURFACE SUPPLIED DIVING HELMET UPGRADE]: The Surface Supplied Diving Helmet Upgrade is a phase replacement for Kirby Morgan KM-37 Underwater Breathing Apparatus that have reached the end of their service life. This is a rugged diving helmet with a second stage regulator that works in conjunction with a surface supply control console assembly (CCA) and an umbilical. Required I/O is 400

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 11: Ocean Engineering	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0204561N, 0204454N, 0204423N, 0203424N, 0603713N
Line Item MDAP/MAIS Code: N/A		

[P40A / HY272 - MULTI-OCCUPANT FLEXIBLE RECOMPRESSION CHAMBER SYSTEM]: The Multi-Occupancy Flexible Recompression Chamber System is a collapsible, extreme lightweight double-lock chamber for expeditionary operations. It includes a recompression chamber for up to three occupants, control console, interconnecting hoses, and high pressure gas supplies for air and oxygen. It is used to treat diving related injuries, including Arterial Gas Embolism and Decompression Sickness in accordance with the U.S. Navy Dive Manual. I/O is 36.

[P40A / HY273 - CHAMBER VAN UPGRADE]: The Chamber Van Upgrade is a phase replacement for ISO Containers that house portable recompression chambers, which have reached the end of their service life due to deterioration from salt-water exposure. In order to ensure the correct level of environmental protection during all missions for the hyperbaric chamber and their occupants, the upgraded Vans with improved protective coatings has become a necessity and requirement. I/O is 30

[P40A / HY274 - DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3]: The GEN 3 DAVD system will be an upgraded version of the GEN 2 DAVD, it will allow for greater accuracy of diver tracking and head positioning and will augment the divers underwater vision with AR/VR capability using helmet mounted high resolution cameras. I/O = 20

[P40A / HY289 - TRANSPORTABLE RECOMPRESSION CHAMBER SYSTEM CHAMBER UPGRADE KIT]: Transportable Recompression Chamber System Upgrade Kits for 5000psi service to increase the TRCS operational capability, reduce footprint and provide interface with other U.S. Navy Certified Dive Systems rated to 5000psi.

[P40A / HY290 - DIVER AUGMENTED VISUAL DISPLAY (DAVD) 3D SONAR WITH GPC UPGRADE]: The Diver Augmented Visual Display (DAVD) 3D sonar imaging system with global positioning system (GPS) upgrade. This sonar produces real time high-resolution 3D imagery that can be used to create a 3D model of a large undersea area and real time sonar imagery that can be used for diver navigation.

[P40A / HY317 - AIR RACK UPGRADE]: This is a portable commercial gas rack that supplies 5000psi diver-breathing gases to diving life support systems (DLSS) including recompression chamber. I/O is 70

[P40A / NAVAL SPECIAL WARFARE (NSW) SERVICE-COMMON EQUIPMENT (N95)]: The NSW SERVICE COMMON EQUIPMENT to be procured in FY27 in the amount of $8.147M includes SCUBA diving systems, haskel pumps, navy dive computers, MK25 replacements and ROV systems. More detailed descriptions are provided below:

[P40A / HY291 - (NSW) HP COMPRESSOR]: This item replaces high pressure air compressors in existing divers' life support systems which have reached the end of their service life.

[P40A / HY293 - (NSW) HASKEL PUMPS]: This item replaces oxygen booster pumps in existing divers' life support systems which have reached the end of their service life.

[P40A / HY294 - (NSW) NAVY DIVE COMPUTER]: The NSW Navy Dive Computer (NDC) is a decompression computer that monitors a divers depth and dive time to determine a decompression profile in accordance with US Navy decompression algorithms. These are to be used by Naval Special Warfare (NSW) divers and shall only be the make and model listed on the US Navy Authorized for Navy Use (ANU) list.

[P40A / HY296 - (NSW) DIVER LIFE SUPPORT SYSTEM (DLSS) CHARGING VAN]: Modified ISO 8 ft x 8 ft x 10 ft ISO containers equipped to store and ship portable compressors and ancillary equipment in support of NSW combat diving operations. Each van is complete with a humidity controlling device for prolonging equipment life during storage. The system includes all necessary rigging and handling equipment.

[P40A / HY297 - (NSW) STANDARD DOUBLE LOCK RECOMPRESSION CHAMBER VAN UPGRADE]: These MILVANS are modified ISO 8 ft x 8 ft x 20 ft ISO containers equipped to store and ship portable recompression chambers and ancillary equipment in support of Naval Special Warfare (NSW) combat diving operations. Each van is complete with a humidity controlling device for prolonging equipment life during storage.

[P40A / HY307 - (NSW) DIVING SUPPORT EQUIPMENT SCUBA DIVING SYSTEMS]: This supports the SCUBA systems Table of Allowance (TOA) requirements for life-cycle replacement and/or upgrades to existing systems within the SCUBA TOA assembly.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 11: Ocean Engineering	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0204561N, 0204454N, 0204423N, 0203424N, 0603713N
Line Item MDAP/MAIS Code: N/A		

[P40A / HY308 - (NSW) DIVING SUPPORT EQUIPMENT ROV SYSTEM]: This supports the Table of Allowance (TOA) and other non-TOA diving requirements for the remotely operated vehicle (ROV) system to include ROV systems, tools, initial spares and testing as required to support fielding. This line also supports life-cycle upgrade of existing and procurement of new systems as required.

[P40A / HY309 - (NSW) MK25 REPLACEMENT]: This supports the Table of Allowance (TOA) for the MK25 Closed Circuit Rebreather life-cycle replacement to include MK25 systems, tools, initial spares and testing as required to support fielding.

[P40A / MOBILE DIVING SALVAGE UNIT (MDSU) OUTFITTING EQUIPMENT (N95)]: The MDSU EQUIPMENT to be procured in FY27 in the amount of $0.343M provides prioritized outfitting for Mobile Diving Salvage Unit (MDSU), Explosive Ordinance Disposal (EOD) Commands and Underwater Construction Team (UCT) Table of Allowance (TOA) requirements of centrally managed diving systems and equipment. This equipment includes diving, salvage and combat support equipment to meet Required Operational Capabilities / Projected Operational Environment (ROC/POE) and Navy Mission Essential Tasks (NMET) to include underwater visual augmentation systems and dive computers. More detailed descriptions are provided below:

[P40A / HY262 - (MDSU) DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3 UPGRADE KIT]: This kit will modify a DAVD - GEN 2 system to improve it to a GEN 3 system for Navy Expeditionary Combat Command divers.

[P40A / HY263 - (MDSU) SELF CONTAINED UNDERWATER BREATHING APPARATUS REGULATORS]: These a self contained underwater breathing apparatus (SCUBA) regulators that are used to reduce air pressure in a SCUBA cylinder and deliver that air at a useable pressure to a Navy Expeditionary Combat Command (NECC) diver. The make and model of the SCUBA regulator shall be approved on the US Navy Authorized for Navy Use (ANU) list.

[P40A / HY264 - (MDSU) NAVY DIVE COMPUTER]: This is a diver decompression computer that monitors a diver's depth and dive time to determine a decompression profile in accordance with US Navy decompression algorithms. These are to be used by Navy Expeditionary Combat Command (NECC) divers and shall only be the make and model listed on the US Navy Authorized for Navy Use (ANU) list.

[P40A / HY277 - (MDSU) DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3]: The Gen-3 DAVD system will be an upgraded version of the GEN-2 DAVD, it will allow for greater accuracy of diver tracking and head positioning and will augment the divers underwater vision with AR/VR capability using helmet mounted high resolution cameras. I/O = 20

[P40A / HY298 - (MDSU) DAVD 3D SONAR WITH GPS UPGRADE]: The 3D sonar imaging system with global positioning system (GPS) upgrade. Sonar produces real time high-resolution 3D imagery that can be used to create a 3D model of a large undersea area. The system is also capable of producing real time sonar imagery that can be over-laid onto a previously produced 3D model and used for diver locating and navigation controlled by a topside control system. These are to be used by Navy Expeditionary Combat Command (NECC) divers.

[P40A / HY306 - (MDSU) NAVY DIVE COMPUTER LO MU]: This is a diver decompression computer that monitors a divers depth and dive time to determine a decompression profile in accordance with US Navy decompression algorithms and have a low magnetic signature. These are to be used by Navy Expeditionary Combat Command (NECC) divers and shall only be the make and model listed on the US Navy Authorized for Navy Use (ANU) list.

[P40A / EXPLOSIVE ORDNANCE DISPOSAL (EOD) DIVING & SALVAGE EQUIPMENT (N95)]: The EOD EQUIPMENT to be procured in FY27 in the amount of $1.968M provides prioritized outfitting for Explosive Ordinance Disposal (EOD) Commands. The outfitting provides diving, salvage and combat support equipment to meet Navy Mission Essential Tasks (NMET) to include a standard navy double-lock recompression chamber, SCUBA equipment, dive computers, diver augmented visual display 3D sonar, and a diver launch and recovery system.

[P40A / HY279 - (EOD) DIVER TELEMTRY SYSTEM]: Diver HUD System (EOD) - The system provides the diver with a heads up display (HUD) which incorporates various data for the diver to include inputs such as status, telemetry, terrain mapping, navigation and tracking. The system is provided for use in existing EOD underwater breathing apparatus (UBA) or face masks. I/O = 200.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 11: Ocean Engineering	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0204561N, 0204454N, 0204423N, 0203424N, 0603713N
Line Item MDAP/MAIS Code: N/A		

[P40A / HY300 - (EOD) TRANSPORTABLE RECOMPRESSION CHAMBER SYSTEM (TRCS)]: The Transportable Recompression Chamber System (TRCS) provides an effective two-man evacuation, transport, treatment, and transfer under pressure capability in order to benefit a diver suffering a pressure related ailment requiring urgent hyperbaric treatment. This is the lightest, most transportable hyperbaric system available to the U. S. Navy. These are to be used by Navy Expeditionary Combat Command (NECC) divers. I/O = 7

[P40A / HY301 - (EOD) STANDARD NAVY DOUBLE-LOCK RECOMPRESSION CHAMBER (SNDL)]: The Standard Navy Double Lock Recompression Chamber System (SNDLRCS) is a conventional chamber designed and built using standard commercial specifications and standards. The SNDLRCS provides for surface decompression, training, and for the full range of recompression treatment for two patients and two attendants. These chambers are containerized to allow for transport and installation at a destination for long term operations. The SNDLRCS will replace aging legacy recompression chambers that are difficult to maintain and will be retired due to fatigue and material flaws. These are to be used by Navy Expeditionary Combat Command (NECC) divers. I/O = 3

[P40A / HY310 - (EOD) NAVY DIVE COMPUTER LO MU]: This is a diver decompression computer that monitors a divers depth and dive time to determine a decompression profile in accordance with US Navy decompression algorithms and have a low magnetic signature. These are to be used by Navy Expeditionary Combat Command (NECC) divers and shall only be the make and model listed on the US Navy Authorized for Navy Use (ANU) list.

[P40A / HY311 - (EOD) DAVD 3D SONAR WITH GPC UPGRADE]: The 3D sonar imaging system with global positioning system (GPS) upgrade. Sonar produces real time high-resolution 3D imagery that can be used to create a 3D model of a large undersea area. The system is also capable of producing real time sonar imagery that can be over-laid onto a previously produced 3D model and used for diver locating and navigation controlled by a topside control system.

[P40A / HY312 - (EOD) NAVY DIVE COMPUTER]: This is a diver decompression computer that monitors a diver's depth and dive time to determine a decompression profile in accordance with US Navy decompression algorithms. These are to be used by Navy Expeditionary Combat Command (NECC) divers and shall only be the make and model listed on the US Navy Authorized for Navy Use (ANU) list.

[P40A / HY313 - (EOD) DIVER LAUNCH AND RECOVERY SYSTEM (LARS)]: Frame launch and recovery system for divers that includes a diver's stage.

[P40A / SALVAGE (N97)]: The SALVAGE EQUIPMENT to be procured in FY27 in the amount of $21.290M includes deep ocean salvage systems and upgrades (ROVs, line spoolers), lighting kits, cutting systems, BDR materials, roller bags and fire-fighting equipment. Also included are underwater ship husbandry equipment (cofferdam systems, a submarine support system, surface ship support systems, propeller repair kit, power tools and rigging equipment, video/camera equipment, pierside support vans, and shipping containers) to permit divers to make underwater repairs to ships and submarines afloat. More detailed descriptions are provided below:

[P40A / HY116 - PORTABLE SUBMERSIBLE PUMPS]: The submersible salvage pump system is designed move large volumes of fluid at a high discharge pressure resulting is a high lift capacity. The submersible pumps vary in discharge size of 2" to over 24" to meet designated response requirements. Systems are modular packaged for rapid deployment and transportation. Pump assemblies are designed to be used through limited access openings or to be positioned in confined spaces. Submersible salvage pump systems consist of submersible hydraulic pumps (2" to 24"), hydraulic power units, hydraulic hoses, and all ancillary equipment. Required I/O is 94.

[P40A / HY131 - REMOTE OPERATED VEHICLES (ROV) HANDLING SYSTEM]: These systems are used to launch and recover remotely operated vehicles and to tend the deployed cable, compensate for ship motion, monitor cable tension, and store cable. Required I/O is 10 (5 operational and 5 spares).

[P40A / HY142 SALVAGE AIR COMPRESSOR]: Salvage Air Compressors are utilized to provide large quantities of compressed air for restoration of lost buoyancy. I/O is 6.

[P40A / HY145 - COFFERDAM SYSTEM]: This system will contain a variety of cofferdams necessary to accomplish underwater repair tasks to hull plating, shafts, stern tubes and sea chests on several ship classes. The cofferdams are engineered structural habitats which provide a safe underwater dry environment for divers to work and require very little maintenance. Required I/O is 50.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 11: Ocean Engineering	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0204561N, 0204454N, 0204423N, 0203424N, 0603713N
Line Item MDAP/MAIS Code: N/A		

[P40A / HY146 - PROPELLER SYSTEM REPAIR KIT]: These kits will contain the tools necessary to repair minor propeller damage underwater. By accomplishing these repairs in-place, propeller removal and replacement can be avoided thereby saving maintenance funds and returning ships to service faster. Required I/O is 20.

[P40A / HY155 POWER GENERATORS]: They are used aboard a ship and shore-side to provide general purpose electrical power during salvage and de-beaching operations. There are two different sizes of power generators, 5 KW and 30 KW. The generators are a system consisting of a diesel powered, portable generating unit, a power distribution panel, and associated distribution apparatus. Required I/O is 25 (7 KW) and 22 (30 KW) for a total of 47.

[P40A / HY169 - UNDERWATER SHIP HUSBANDRY (UWSH) POWER TOOLS]: These kits will contain the tools necessary to repair minor propeller damage underwater. By accomplishing these repairs in-place, propeller removal and replacement can be avoided thereby saving maintenance funds and returning ships to service faster. Required I/O is 20.

[P40A / HY186 - SMART TOW SYSTEMS]: These systems consist of load cells, accelerometers, fire and flooding alarms, telemetry links and ancillary equipment to provide ship handlers with information critical to safe conduct of open ocean tows. I/O is 9.

[P40A / HY190 - VIDEO/CAMERA EQUIPMENT]: Underwater video/camera equipment used by divers to perform detailed inspections and provide objective quality evidence (OQE) of ship hulls and appendages condition before, during and after repair. Equipment is used extensively throughout the Fleet. This equipment will replace aging systems currently in use throughout the Fleet. I/O is 30.

[P40A / HY195 - UNDERWATER RIGGING SUPPORT SYSTEM]: General and special purpose rigging equipment designed for use in underwater ship repair applications. These systems support operation across all ships and submarine classes. I/O is 20.

[P40A / HY196 - UNDERWATER SHIP HUSBANDRY (UWSH) SUBMARINE SUPPORT SYSTEM]: Special purpose underwater tools and equipment used by divers to perform routine and emergent repairs to all classes of submarines. I/O is 24.

[P40A / HY197 - UNDERWATER SHIP HUSBANDRY (UWSH) PIERSIDE SUPPORT VANS]: Portable milvans and shippable containers outfitted with general and special purpose tools to support various underwater ship husbandry operations. I/O is 12.

[P40A / HY198 - UNDERWATER SHIP HUSBANDRY (UWSH) SURFACE SHIP SUPPORT SYSTEMS]: Special purpose underwater tools used by divers to perform routine and emergent repairs to all Classes of surface ships. I/O is 32

[P40A / HY200 - DEEP DRONE UPGRADE]: Modernization of the Remote Operated Vehicle (ROV) DEEP DRONE to include power, telemetry, avionics, thrusters, camera systems, and tools.

[P40A / HY203 - HYDRAULIC U/W TOOL KIT]: Tool kit consists of various hydraulic actuated tools operated by a diver to perform various tasks underwater. The kit also contains hydraulic hoses, various fittings, and accessories. Required Inventory Objective I/O is 30.

[P40A / HY204 - 400 AMP WELDER-DIESEL]: System consists of a skid-mounted, portable, diesel powered welding generator, welding cables, a stinger and ground clamp, welding safety equipment, and a spare parts kit. The system is used for arc welding and oxygen-arc cutting. Required Inventory Objective I/O is 27.

[P40A / HY205 - LIGHTING KIT SYSTEM]: System consists of extended able masts, 500-watt halogen floodlights, drop lights, extension cords, spare bulbs, and other miscellaneous items to support general lighting for salvage and oil pollution operations. The Lighting Kit System can use any 100-volt, single phase power source found at the salvage or pollution site. Required Inventory Objective I/O is 27.

[P40A / HY206 - KERRIE CABLE UNDERWATER CUTTING SYSTEM]: System is used for underwater cutting. The kit contains a flexible thermic lance, oxygen hoses, an oxygen regulator, various fittings, and a 400-amp safety switch enclosed in a watertight box. Required Inventory Objective I/O is 24.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 11: Ocean Engineering	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0204561N, 0204454N, 0204423N, 0203424N, 0603713N
Line Item MDAP/MAIS Code: N/A		

[P40A / HY215 - LIGHTWEIGHT MOORING SYSTEM]: This is a lightweight and highly portable system for establishing a mooring in shallow to deep water. The system shall include a mooring leg consisting of anchors, chain, synthetic line and associated jewelry and fittings. Total I/O is 8.

[P40A / HY216 SAL/BDR MATERIAL KIT]: This system is for emergency response to ship casualties and provides the necessary material to construct custom patches and cofferdams. The kit also includes custom built items in place over the damaged hull sections. I/O is 6.

[P40A / HY217 - SALVAGE LIFT BAGS (22K LBS)]: This system provides a buoyant force using compressed air to lift or support items in the water column. These Lift Bags are sized to provide a force of approximately 22,000 lbs. The I/O is 22.

[P40A / HY218 - SALVAGE LIFT BAGS (35 TONS)]: This system provides a buoyant force using compressed air to lift or support items in the water column. These Lift Bags are sized to provide a force of approximately 35 tons. The I/O is 16.

[P40A / HY221 - ADVANCED POWER GENERATOR]: This system generates electrical power using solar and wind energy and stores it in super-efficient. Lithium Ion Batteries. The system is capable of supplying electrical power to operate a Command Van, Salvage Shop Van and a Salvage Battle Damage Repair (BDR) Rigging Van for up to 5 days with no traditional petroleum fueled electrical power generator support. I/O is 8.

[P40A / HY227 - COMPLEX AND/OR LARGE UWSH REPAIR COFFERDAM SUPPORT SYSTEMS]: Special purpose underwater tools, equipment, cofferdams and habitat with a higher complexity and or size used by divers to perform routine and emergent repairs on all classes of surface ship and submarines. I/O is 15.

[P40A / HY228 - CLYDE WINCH UPGRADE MODIFICATIONS]: Portable Clyde deck winch consists of a dual drum assembly and a horizontal capstan mounted on the side of the deck winch. The deck winch is hydraulically driven by a self contained diesel engine and each drum/ capstan can pull up to 8 tons. The drive mechanism and braking system is upgraded to a hydraulic control and operation. Required I/O is 20.

[P40A / HY230 - NEXGEN HYDRAULIC POWER UNIT, MOD 6B]: This Hydraulic Power Unit is designed to provide the hydraulic fluids to operate US Navy Salvage equipment including the Beach Gear system. The hydraulic power unit is silenced for significant personnel safety and meets the latest environmental standards for clean air. Required I/O is 60.

[P40A / HY232 - DECK SYSTEMS HYDRAULIC POWER UNIT UPGRADE]: Deck Systems Hydraulic Power Unit (HPU) Upgrade: The Hydraulic Power Units the provide hydraulic fluid to operate the Portable Capstan are at the end of their service life and are no longer supported by the manufacturer. New HPU is more reliable, simpler to maintain, and is sound silenced for enhanced personnel safety. Required I/O is 22.

[P40A / HY237 - COMMAND CONFERENCE CENTER]: Provides a large expandable office area that is attached to the Salvage Command Van or can operate independently. Space will be environmentally controlled, able to be quickly unpacked with hard sides, and when repacked the shipping foot print will be a 20 ft connex box. Required I/O is 8.

[P40A / HY238 - SALVAGE EQUIPMENT TRANSPORT AND LANDING CRAFT]: A cargo vessel designed to operate with a two-person crew, cargo capacity of at least 5000 lbs, articulating crane to pick up and load cargo from the pier, A-frame to load or unload cargo, bow ramp to drive on or off, and is capable of road transportation or airlift. Cruise speed is 25 knots at full load, a pusher bow attachment, and a tow bar. Required I/O is 8.

[P40A / HY240 - SALVAGE PATCHING & RIGGING VAN]: This system is for emergency response to ship casualties and provides the necessary material to construct custom patches and cofferdams. The kit also includes tools to install the custom built items in place over the damaged hull sections. Required I/O is 8.

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ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0204561N, 0204454N, 0204423N, 0203424N, 0603713N
Line Item MDAP/MAIS Code: N/A		

[P40A / HY241 - DEEP OCEAN SALVAGE SYSTEM]: Heave compensated lift system with power unit and ancillary equipment for executing deep water recovery operations. Required I/O is 2.

[P40A / HY247 - HYDRAULLIC CHAIN HOIST (25 TON)]: This system provides a means to lift loads utilizing rigging points under water. These Hydraulic Chain Hoists are specially designed for underwater use and are sized to safely lift 25 tons. Required I/O is 10.

[P40A / HY265 - POWER GENERATOR 200 KW]: Large diesel driven power generation set capable of providing power to operate SUPSALV Remote Operated Vehicle (ROV) systems. Forward deployed at all Emergency Ship Salvage Material (ESSM) Facilities to ensure ROV Systems always have access to redundant source of power to support USN contingency operational requirements. I/O is 8

[P40A / HY266 - 600 CFM SALVAGE AIR COMPRESSOR (TIER 4)]: Air compressor, diesel driven, with volume capable of pressurizing ship compartments for dewatering and able to support other fleet salvage operations requiring large volumes of pressurized air. I/O is 8

[P40A / HY267 - DIAMOND WIRE SAW CUTTING SYSTEM]: Salvage cutting systems designed to cut small to medium ship hulls using a simple diamond impregnated wire. Used for Harbor clearance operations or any fleet operation which requires ship hull sections to be cut. I/O is 4

[P40A / HY268 - SALVAGE HYDRAULIC CUTTER SYSTEM]: Hydraulically operated tools for cutting or moving metal hull pieces, piping, cabling, etc. during salvage operations, harbor clearance ops, or any fleet operations in which removing of interference items are needed. I/O is 8

[P40A / HY269 - SALVAGE FIRE FIGHTING KIT]: Fire-fighting Kit designed to be used with the Salvage Jetting Pump system and provides a Fire Fighting Monitor, auxiliary equipment for foam, and other equipment for salvage team to fire a shipboard fire from the pier or Vessel of Opportunity (VOO). I/O is 8

[P40A / HY282 - SALVAGE ROLLER BAG]: Salvage roller systems designed to roll small to medium ship hulls using a simple diamond impregnated bags. Used for Sarbor clearance operations or any fleet operation which requollers ship hull sections to be rolled.

[P40A / HY283 - MAGNETIC PATCH KIT UPGRADES]: Patch Kit Upgrade adds the latest technology of patching materials for salvors to utilize in combating flooding casualties due to combat, grounding, or collision. Patching material encompass a wide variety of methodologies to ensure salvors have a complete selection of options to respond to a wide variety of scenarios.

[P40A / HY284 - PIER/VOO FIRE FIGHTING SYSTEMS]: Fire Fighting System is an independant complete system for set up on a Pier or Vessel of Opportunity (VOO) for applying large volumes of water onto a ship for shore facility to combat a major casualty involving fire. Systems include energy source, pumps hoses, monitors, and control consoles needed to fight a major casualty.

[P40A / HY285 - TOWING KIT]: Equipment basket to conduct emergent tows for Naval vessels. Kit would contain certified bridles and tow jewelry required for those tows to allow rapid deployment. I/O is 7.

[P40A / HY299 - UNDERWATER SHIP HUSBANDRY (UWSH) STORAGE & SHIPPING CONTAINERS]: Special purpose portable storage and shipping containers to support various complex underwater ship husbandry equipment and/or rigging operational kits. Each container provides controlled storage and a secure shipping footprint. I/O is 60

[P40A / HY302 - AUV SPARE VEHICLE]: Autonomous Underwater Vehicle (AUV) for conducting search down to 20,000 feet for critical DOW assets recovery and mapping of debris field. Second vehicle to support critical contingency operation to ensure mission success.

[P40A / HY314 -SPARE AUV HANDLING SYSTEM]: Autonomous Underwater Vehicle (AUV) Handling System to launch, recover, and house AUV. Required for conducting search operations down to 20,000 feet for critical DOW assets recovery and mapping of debris field. Second AUV Handling System to support critical contingency operations to ensure mission success.

[P40A / HY315 FULL OCEAN DEPTH ROV]: Provides Remotely Operated Vehicle Rated for Full Ocean Depth Capability. Required I/O is 1.

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Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 11: Ocean Engineering	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0204561N, 0204454N, 0204423N, 0203424N, 0603713N
Line Item MDAP/MAIS Code: N/A		

[P40A / HY316 FULL OCEAN DEPTH AUV]: Provides an Autonomous Underwater Vehicle (AUV) Rated for Full Ocean Depth Capability. Required I/O is 1.

[P40A / HY320 FULL OCEAN DEPTH LINE SPOOLER]: Provides air transportable take up reel, level wind to stow lifting line supporting full ocean depth recovery through the fly away deep ocean salvage system. Required I/O is 1.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 11: Ocean Engineering	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0204561N, 0204454N, 0204423N, 0203424N, 0603713N

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Diving and Salvage Equipment	P-5a			- / 87.633	- / 14.000	- / 7.842	- / 33.013	- / -	- / 33.013
P-40	**Total Gross/Weapon System Cost**				**- / 87.633**	**- / 14.000**	**- / 7.842**	**- / 33.013**	**- / 0.000**	**- / 33.013**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 11	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment	**Aggregated Items Title:** Diving and Salvage Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) DIVING (N97)																				
1.1) HY176 - HP AIR COMPRESSORS(†)	A		46,052.63	19	0.875	-	-	-	81,380.00	1	0.081	-	-	-	-	-	-	-	-	-
1.2) HY177 - AIR PURIFICATION UNITS(†)	A		58,416.67	60	3.505	48,690.00	1	0.049	-	-	-	-	-	-	-	-	-	-	-	-
1.3) HY179 - NAVY EXPERIMENTAL DIVING UNIT(†)	A		808,800.00	15	12.132	704,000.00	1	0.704	717,000.00	1	0.717	735,000.00	1	0.735	-	-	-	735,000.00	1	0.735
1.4) HY199 - NAVY DIVE COMPUTER(†)	A		1,558.80	1,471	2.293	1,711.00	232	0.397	1,762.00	185	0.326	2,338.98	59	0.138	-	-	-	2,338.98	59	0.138
1.5) HY210 - COMPACT DIVER LIFE SUPPORT SYSTEM AIR SUPPLY(†)	A		21,933.33	15	0.329	22,370.00	15	0.336	22,820.00	15	0.342	-	-	-	-	-	-	-	-	-
1.6) HY213 - HP COMPOSITE FLASK REPLACEMENT(†)	A		4,889.00	1,045	5.109	5,430.00	70	0.380	5,542.00	70	0.388	5,653.00	80	0.452	-	-	-	5,653.00	80	0.452
1.7) HY224 - SCUBA REGULATORS(†)	A		1,048.93	838	0.879	1,140.00	18	0.021	-	-	-	1,333.00	25	0.033	-	-	-	1,333.00	25	0.033
1.8) HY233 - SURFACE SUPPLY AUGMENTED SCUBA SYSTEM(†)	A		109,538.46	13	1.424	117,520.00	1	0.118	119,870.00	1	0.120	122,267.00	1	0.122	-	-	-	122,267.00	1	0.122
1.9) HY249 - DIVER LAUNCH AND RECOVERY SYSTEM (LARS)(†)	A		-	-	-	338,090.00	1	0.338	-	-	-	351,737.00	1	0.352	-	-	-	351,737.00	1	0.352
1.10) HY271 - SURFACE SUPPLIED DIVING HELMET UPGRADE(†)	A		11,128.21	39	0.434	11,440.00	19	0.217	11,675.00	20	0.234	13,562.00	17	0.231	-	-	-	13,562.00	17	0.231
1.11) HY272 - MULTI-OCCUPANT FLEXIBLE RECOMPRESSION CHAMBER SYSTEM(†)	A		-	-	-	-	-	-	-	-	-	1,055K	1	1.055	-	-	-	1,055K	1	1.055
1.12) HY273 - CHAMBER VAN UPGRADE(†)	A		178,333.33	3	0.535	182,060.00	3	0.546	185,700.00	5	0.929	-	-	-	-	-	-	-	-	-
1.13) HY274 - DIVER AUGMENTED	A		75,400.00	15	1.131	77,900.00	6	0.467	79,500.00	8	0.636	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 11	**P-1 Line Item Number / Title:** 1130 / Diving and Salvage Equipment	**Aggregated Items Title:** Diving and Salvage Equipment

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
VISUAL DISPLAY (DAVD) GEN 3(†)																				
1.14) HY289 - TRANSPORTABLE RECOMPRESSION CHAMBER SYSTEM CHAMBER UPGRADE KIT(†)	A		8,000.00	6	0.048	8,086.00	3	0.024	8,248.00	3	0.025	-	-	-	-	-	-	-	-	-
1.15) HY290 - DIVER AUGMENTED VISUAL DISPLAY (DAVD) 3D SONAR WITH GPC UPGRADE(†)	A		136,750.00	4	0.547	140,962.00	1	0.141	-	-	-	146,656.00	2	0.293	-	-	-	146,656.00	2	0.293
1.16) HY317 - AIR RACK UPGRADE(†)	A		-	-	-	-	-	-	-	-	-	48,450.00	3	0.145	-	-	-	48,450.00	3	0.145
Subtotal: 1) DIVING (N97)			**-**	**-**	***29.241***	**-**	**-**	***3.738***	**-**	**-**	***3.798***	**-**	**-**	***3.556***	**-**	**-**	**-**	**-**	**-**	***3.556***
2) NAVAL SPECIAL WARFARE (NSW) SERVICE-COMMON EQUIPMENT (N95)																				
2.1) HY291 - (NSW) HP COMPRESSOR(†)	A		-	-	-	92,007.00	1	0.092	-	-	-	-	-	-	-	-	-	-	-	-
2.2) HY293 - (NSW) HASKEL PUMPS(†)	A		38,666.67	3	0.116	39,690.00	4	0.159	-	-	-	42,532.00	8	0.340	-	-	-	42,532.00	8	0.340
2.3) HY294 - (NSW) NAVY DIVE COMPUTER(†)	A		1,656.72	201	0.333	1,716.48	261	0.448	-	-	-	2,000.00	24	0.048	-	-	-	2,000.00	24	0.048
2.4) HY296 - (NSW) DIVER LIFE SUPPORT SYSTEM (DLSS) CHARGING VAN(†)	A		-	-	-	349,627.00	1	0.350	-	-	-	-	-	-	-	-	-	-	-	-
2.5) HY297 - (NSW) STANDARD DOUBLE LOCK RECOMPRESSION CHAMBER VAN UPGRADE(†)	A		364,000.00	1	0.364	378,872.00	2	0.758	-	-	-	-	-	-	-	-	-	-	-	-
2.6) HY307 - (NSW) DIVING SUPPORT EQUIPMENT SCUBA DIVING SYSTEMS(†)	A		-	-	-	-	-	-	2,001.00	689	1.379	2,081.82	110	0.229	-	-	-	2,081.82	110	0.229
2.7) HY308 - (NSW) DIVING SUPPORT EQUIPMENT ROV SYSTEM	A		-	-	-	-	-	-	-	-	-	783,000.00	1	0.783	-	-	-	783,000.00	1	0.783

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Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.8) HY309 - (NSW) MK25 REPLACEMENT(†)	A		-	-	-	-	-	-	-	-	-	17,956.27	343	6.159	-	-	-	17,956.27	343	6.159
Subtotal: 2) NAVAL SPECIAL WARFARE (NSW) SERVICE-COMMON EQUIPMENT (N95)			**-**	**-**	***0.813***	**-**	**-**	***1.807***	**-**	**-**	***1.379***	**-**	**-**	***7.559***	**-**	**-**	**-**	**-**	**-**	***7.559***
3) MOBILE DIVING SALVAGE UNIT (MDSU) OUTFITTING EQUIPMENT (N95)																				
3.1) HY262 - (MDSU) DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3 UPGRADE KIT(†)	A		20,428.57	7	0.143	20,810.00	1	0.021	-	-	-	-	-	-	-	-	-	-	-	-
3.2) HY263 - (MDSU) SELF CONTAINED UNDERWATER BREATHING APPARATUS REGULATORS(†)	A		1,100.00	20	0.022	1,170.00	7	0.008	1,000.00	7	0.007	-	-	-	-	-	-	-	-	-
3.3) HY264 - (MDSU) NAVY DIVE COMPUTER(†)	A		1,636.36	88	0.144	1,720.00	50	0.086	1,740.00	8	0.014	1,750.00	7	0.012	-	-	-	1,750.00	7	0.012
3.4) HY277 - (MDSU) DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3(†)	A		75,000.00	2	0.150	77,900.00	1	0.078	79,572.00	4	0.318	81,141.00	2	0.162	-	-	-	81,141.00	2	0.162
3.5) HY298 - (MDSU) DAVD 3D SONAR WITH GPS UPGRADE(†)	A		136,500.00	2	0.273	140,964.00	1	0.141	-	-	-	145,000.00	1	0.145	-	-	-	145,000.00	1	0.145
Subtotal: 3) MOBILE DIVING SALVAGE UNIT (MDSU) OUTFITTING EQUIPMENT (N95)			**-**	**-**	***0.732***	**-**	**-**	***0.334***	**-**	**-**	***0.339***	**-**	**-**	***0.319***	**-**	**-**	**-**	**-**	**-**	***0.319***
4) EXPLOSIVE ORDNANCE DISPOSAL (EOD) DIVING & SALVAGE EQUIPMENT (N95)																				
4.1) HY279 - (EOD) DIVER TELEMTRY SYSTEM	A		20,979.17	48	1.007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) HY300 - (EOD) TRANSPORTABLE RECOMPRESSION CHAMBER SYSTEM (TRCS)(†)	A		1,654K	3	4.961	1,688K	2	3.375	-	-	-	-	-	-	-	-	-	-	-	-
4.3) HY301 - (EOD) STANDARD NAVY DOUBLE-LOCK RECOMPRESSION CHAMBER (SNDL)(†)	A		-	-	-	1,925K	1	1.925	-	-	-	1,826K	1	1.826	-	-	-	1,826K	1	1.826

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
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Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
4.4) HY310 - (EOD) NAVY DIVE COMPUTER LO MU(†)	A		-	-	-	-	-	-	3,663.00	218	0.799	-	-	-	-	-	-	-	-	-
4.5) HY311 - (EOD) DAVD 3D SONAR WITH GPC UPGRADE(†)	A		-	-	-	-	-	-	143,780.00	1	0.144	-	-	-	-	-	-	-	-	-
4.6) HY312 - (EOD) NAVY DIVE COMPUTER(†)	A		-	-	-	-	-	-	45,000.00	1	0.045	-	-	-	-	-	-	-	-	-
4.7) HY313 - (EOD) DIVER LAUNCH AND RECOVERY SYSTEM (LARS)(†)	A		-	-	-	-	-	-	344,860.00	1	0.345	-	-	-	-	-	-	-	-	-
Subtotal: 4) EXPLOSIVE ORDNANCE DISPOSAL (EOD) DIVING & SALVAGE EQUIPMENT (N95)			**-**	**-**	***5.968***	**-**	**-**	***5.300***	**-**	**-**	***1.333***	**-**	**-**	***1.826***	**-**	**-**	**-**	**-**	**-**	***1.826***
5) SALVAGE (N97)																				
5.1) HY116 - PORTABLE SUBMERSIBLE PUMPS(†)	A		144,000.00	24	3.456	180,249.00	2	0.360	-	-	-	-	-	-	-	-	-	-	-	-
5.2) HY131 - REMOTE OPERATED VEHICLES (ROV) HANDLING SYSTEM (1)	A		1,779K	2	3.558	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) HY145 - COFFERDAM SYSTEM(†)	A		193,909.09	22	4.266	130,000.00	3	0.390	129,000.00	1	0.129	134,500.00	4	0.538	-	-	-	134,500.00	4	0.538
5.5) HY146 - PROPELLER SYSTEM REPAIR KIT(†)	A		270,166.67	12	3.242	-	-	-	-	-	-	269,000.00	1	0.269	-	-	-	269,000.00	1	0.269
5.7) HY169 - UNDERWATER SHIP HUSBANDRY (UWSH) POWER TOOLS(†)	A		123,500.00	10	1.235	116,000.00	1	0.116	-	-	-	118,000.00	1	0.118	-	-	-	118,000.00	1	0.118
5.8) HY186 - SMART TOW SYSTEMS	A		146,000.00	8	1.168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.9) HY190 - VIDEO/CAMERA EQUIPMENT(†)	A		106,444.44	9	0.958	-	-	-	125,000.00	1	0.125	130,000.00	1	0.130	-	-	-	130,000.00	1	0.130

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
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Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
5.10) HY195 - UNDERWATER RIGGING SUPPORT SYSTEM(†)	A		222,666.67	15	3.340	-	-	-	-	-	-	215,500.00	2	0.431	-	-	-	215,500.00	2	0.431
5.11) HY196 - UNDERWATER SHIP HUSBANDRY (UWSH) SUBMARINE SUPPORT SYSTEM	A		542,117.65	17	9.216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.12) HY197 - UNDERWATER SHIP HUSBANDRY (UWSH) PIERSIDE SUPPORT VANS(†)	A		263,125.00	8	2.105	-	-	-	245,000.00	1	0.245	250,000.00	1	0.250	-	-	-	250,000.00	1	0.250
5.13) HY198 - UNDERWATER SHIP HUSBANDRY (UWSH) SURFACE SHIP SUPPORT SYSTEMS(†)	A		150,096.77	31	4.653	142,000.00	5	0.710	153,000.00	1	0.153	152,000.00	3	0.456	-	-	-	152,000.00	3	0.456
5.14) HY200 - DEEP DRONE UPGRADE(†)	A		-	-	-	-	-	-	-	-	-	3,626K	1	3.626	-	-	-	3,626K	1	3.626
5.16) HY204 - 400 AMP WELDER-DIESEL	A		29,666.67	3	0.089	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.17) HY205 - LIGHTING KIT SYSTEM	A		15,769.23	26	0.410	-	-	-	-	-	-	56,500.00	2	0.113	-	-	-	56,500.00	2	0.113
5.18) HY206 - KERRIE CABLE UNDERWATER CUTTING SYSTEM(†)	A		18,000.00	18	0.324	-	-	-	-	-	-	29,000.00	1	0.029	-	-	-	29,000.00	1	0.029
5.20) HY216 SAL/ BDR MATERIAL KIT(†)	A		-	-	-	-	-	-	-	-	-	75,000.00	1	0.075	-	-	-	75,000.00	1	0.075
5.23) HY219 - PORTABLE SALVAGE CRANE	A		206,500.00	2	0.413	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.24) HY221 - ADVANCED POWER GENERATOR(†)	A		278,000.00	2	0.556	286,000.00	1	0.286	-	-	-	-	-	-	-	-	-	-	-	-
5.25) HY227 - COMPLEX AND/OR LARGE UWSH REPAIR COFFERDAM	A		738,200.00	5	3.691	-	-	-	-	-	-	757,000.00	1	0.757	-	-	-	757,000.00	1	0.757

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Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
SUPPORT SYSTEMS(†)																				
5.26) HY228 - CLYDE WINCH UPGRADE MODIFICATIONS	A		109,111.11	18	1.964	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.27) HY230 - NEXGEN HYDRAULIC POWER UNIT, MOD 6B(†)	A		102,600.00	5	0.513	-	-	-	129,090.00	2	0.258	-	-	-	-	-	-	-	-	-
5.28) HY232 - DECK SYSTEMS HYDRAULIC POWER UNIT UPGRADE(†)	A		27,111.11	9	0.244	40,125.00	4	0.161	49,820.00	1	0.050	-	-	-	-	-	-	-	-	-
5.29) HY237 - COMMAND CONFERENCE CENTER	A		107,000.00	2	0.214	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.30) HY238 - SALVAGE EQUIPMENT TRANSPORT AND LANDING CRAFT(†)	A		287,000.00	2	0.574	420,000.00	1	0.420	-	-	-	-	-	-	-	-	-	-	-	-
5.32) HY241 - DEEP OCEAN SALVAGE SYSTEM	A		745,000.00	2	1.490	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.33) HY247 - HYDRAULLIC CHAIN HOIST (25 TON)	A		105,200.00	5	0.526	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.34) HY265 - POWER GENERATOR 200 KW	A		-	-	0.207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.35) HY266 - 600 CFM SALVAGE AIR COMPRESSOR (TIER 4)	A		167,500.00	2	0.335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.36) HY267 - DIAMOND WIRE SAW CUTTING SYSTEM(†)	A		-	-	-	344,000.00	1	0.344	-	-	-	-	-	-	-	-	-	-	-	-
5.37) HY268 - SALVAGE HYDRAULIC CUTTER SYSTEM	A		96,000.00	2	0.192	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.38) HY269 - SALVAGE FIRE FIGHTING KIT(†)	A		64,666.67	3	0.194	-	-	-	-	-	-	67,000.00	1	0.067	-	-	-	67,000.00	1	0.067

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
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Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
5.39) HY282 - SALVAGE ROLLER BAG	A		239,000.00	1	0.239	-	-	-	-	-	-	280,000.00	1	0.280	-	-	-	280,000.00	1	0.280
5.40) HY283 - MAGNETIC PATCH KIT UPGRADES	A		133,000.00	1	0.133	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.41) HY284 - PIER/ VOO FIRE FIGHTING SYSTEMS	A		356,000.00	1	0.356	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.42) HY285 - TOWING KIT	A		359,000.00	1	0.359	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.43) HY299 - UNDERWATER SHIP HUSBANDRY (UWSH) STORAGE & SHIPPING CONTAINERS(†)	A		31,380.95	21	0.659	34,000.00	1	0.034	33,000.00	1	0.033	33,000.00	1	0.033	-	-	-	33,000.00	1	0.033
5.46) HY315 FULL OCEAN DEPTH ROV(†)	A		-	-	-	-	-	-	-	-	-	11,615K	1	11.615	-	-	-	11,615K	1	11.615
5.48) HY320 FULL OCEAN DEPTH LINE SPOOLER(†)	A		-	-	-	-	-	-	-	-	-	966,250.00	1	0.966	-	-	-	966,250.00	1	0.966
Subtotal: 5) SALVAGE (N97)			**-**	**-**	***50.879***	**-**	**-**	***2.821***	**-**	**-**	***0.993***	**-**	**-**	***19.753***	**-**	**-**	**-**	**-**	**-**	***19.753***
Total			**-**	**-**	**87.633**	**-**	**-**	**14.000**	**-**	**-**	**7.842**	**-**	**-**	**33.013**	**-**	**-**	**-**	**-**	**-**	**33.013**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Footnotes:

(1) HY131 - A deep ocean salvage mission specific ROV (Remotely Operated Vehicle) LARS (Launch and Recovery System). This modernized ROV handling system will accommodate capability increases in ROV max depth and vehicle horsepower. The LARS will have a smaller logistics footprint [as compared to obsolete legacy program systems] allowing the added option of commercial air shipment which improves global rapid response and cost effectiveness in support of a sustained high salvage OPTEMPO, especially in Westpac.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
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Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1) DIVING (N97)												
1.1) HY176 - HP AIR COMPRESSORS		2026	GLOBAL PCCI / IRVINE CA	C / CPFF	WASHINGTON, DC	Feb 2026	Feb 2027	1	81,380.00	Y		
1.2) HY177 - AIR PURIFICATION UNITS		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	1	48,690.00	Y		
1.3) HY179 - NAVY EXPERIMENTAL DIVING UNIT		2025	Navy Experimental Diving Unit / Panama City, FL	Various	Panama City, FL	Oct 2024	Oct 2025	1	704,000.00	Y		
1.3) HY179 - NAVY EXPERIMENTAL DIVING UNIT		2026	Navy Experimental Diving Unit / Panama City, FL	Various	Panama City, FL	Oct 2025	Oct 2026	1	717,000.00	Y		
1.3) HY179 - NAVY EXPERIMENTAL DIVING UNIT		2027	TBD / TBD	TBD	Panama City, FL	Oct 2026	Oct 2027	1	735,000.00	Y		
1.4) HY199 - NAVY DIVE COMPUTER		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	232	1,711.00	Y		
1.4) HY199 - NAVY DIVE COMPUTER		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2026	Feb 2027	185	1,762.00	Y		
1.4) HY199 - NAVY DIVE COMPUTER		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	59	2,338.98	Y		
1.5) HY210 - COMPACT DIVER LIFE SUPPORT SYSTEM AIR SUPPLY		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	15	22,370.00	Y		
1.5) HY210 - COMPACT DIVER LIFE SUPPORT SYSTEM AIR SUPPLY		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2026	Feb 2026	15	22,820.00	Y		
1.6) HY213 - HP COMPOSITE FLASK REPLACEMENT		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	70	5,430.00	Y		
1.6) HY213 - HP COMPOSITE FLASK REPLACEMENT		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2026	Feb 2027	70	5,542.00	Y		
1.6) HY213 - HP COMPOSITE FLASK REPLACEMENT		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	80	5,653.00	Y		
1.7) HY224 - SCUBA REGULATORS		2025	GLOBAL PCCI / IRVINE CA	C / CPFF	WASHINGTON, DC	Apr 2025	Apr 2026	18	1,140.00	Y		
1.8) HY233 - SURFACE SUPPLY AUGMENTED SCUBA SYSTEM		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	1	117,520.00	Y		
1.8) HY233 - SURFACE SUPPLY AUGMENTED SCUBA SYSTEM		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2026	Feb 2027	1	119,870.00	Y		
1.8) HY233 - SURFACE SUPPLY AUGMENTED SCUBA SYSTEM		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	122,267.00	Y		
1.9) HY249 - DIVER LAUNCH AND RECOVERY SYSTEM (LARS)		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2026	Feb 2027	1	338,090.00	Y		

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Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.9) HY249 - DIVER LAUNCH AND RECOVERY SYSTEM (LARS)		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	351,737.00	Y		
1.10) HY271 - SURFACE SUPPLIED DIVING HELMET UPGRADE		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	19	11,440.00	Y		
1.10) HY271 - SURFACE SUPPLIED DIVING HELMET UPGRADE		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2026	Feb 2027	20	11,675.00	Y		
1.10) HY271 - SURFACE SUPPLIED DIVING HELMET UPGRADE		2027	TBD / TBD	C / CPFF	WASHINGTON, DC	Oct 2026	Oct 2027	17	13,562.00	Y		
1.11) HY272 - MULTI-OCCUPANT FLEXIBLE RECOMPRESSION CHAMBER SYSTEM		2027	TBD / TBD	C / TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	1,055K	Y		
1.12) HY273 - CHAMBER VAN UPGRADE		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Jun 2025	Jun 2026	3	182,060.00	Y		
1.12) HY273 - CHAMBER VAN UPGRADE		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Oct 2026	Oct 2027	5	185,700.00	Y		
1.13) HY274 - DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	6	77,900.00	Y		
1.13) HY274 - DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Oct 2026	Oct 2027	8	79,500.00	Y		
1.14) HY289 - TRANSPORTABLE RECOMPRESSION CHAMBER SYSTEM CHAMBER UPGRADE KIT		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	3	8,086.00	Y		
1.14) HY289 - TRANSPORTABLE RECOMPRESSION CHAMBER SYSTEM CHAMBER UPGRADE KIT		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Oct 2026	Oct 2027	3	8,248.00	Y		
1.15) HY290 - DIVER AUGMENTED VISUAL DISPLAY (DAVD) 3D SONAR WITH GPC UPGRADE		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	1	140,962.00	Y		
1.15) HY290 - DIVER AUGMENTED VISUAL DISPLAY (DAVD) 3D SONAR WITH GPC UPGRADE		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	2	146,656.00	Y		
1.16) HY317 - AIR RACK UPGRADE		2027	TBD / TBD	C / CPFF	WASHINGTON, DC	Oct 2026	Oct 2027	3	48,450.00	Y		

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2) NAVAL SPECIAL WARFARE (NSW) SERVICE-COMMON EQUIPMENT (N95)												
2.1) HY291 - (NSW) HP COMPRESSOR		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Apr 2025	Apr 2026	1	92,007.00	Y		
2.2) HY293 - (NSW) HASKEL PUMPS		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Apr 2025	Apr 2026	4	39,690.00	Y		
2.3) HY294 - (NSW) NAVY DIVE COMPUTER		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	261	1,716.48	Y		
2.3) HY294 - (NSW) NAVY DIVE COMPUTER		2027	TBD / TBD	C / CPFF	WASHINGTON, DC	Oct 2026	Oct 2027	24	2,000.00	Y		
2.4) HY296 - (NSW) DIVER LIFE SUPPORT SYSTEM (DLSS) CHARGING VAN		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Apr 2025	Apr 2026	1	349,627.00	Y		
2.5) HY297 - (NSW) STANDARD DOUBLE LOCK RECOMPRESSION CHAMBER VAN UPGRADE		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Apr 2025	Apr 2026	2	378,872.00	Y		
2.6) HY307 - (NSW) DIVING SUPPORT EQUIPMENT SCUBA DIVING SYSTEMS		2026	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	689	2,001.00	Y		
2.6) HY307 - (NSW) DIVING SUPPORT EQUIPMENT SCUBA DIVING SYSTEMS		2027	TBD / TBD	TBD	WASHINGTON, DC	Jun 2027	Jun 2028	110	2,081.82	Y		
2.8) HY309 - (NSW) MK25 REPLACEMENT		2027	TBD / TBD	C / CPFF	WASHINGTON, DC	Oct 2026	Oct 2027	343	17,956.27	Y		
3) MOBILE DIVING SALVAGE UNIT (MDSU) OUTFITTING EQUIPMENT (N95)												
3.1) HY262 - (MDSU) DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3 UPGRADE KIT		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	1	20,810.00	Y		
3.2) HY263 - (MDSU) SELF CONTAINED UNDERWATER BREATHING APPARATUS REGULATORS		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2025	Feb 2026	7	1,170.00	Y		
3.2) HY263 - (MDSU) SELF CONTAINED UNDERWATER BREATHING APPARATUS REGULATORS		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Oct 2026	Oct 2027	7	1,000.00	Y		
3.3) HY264 - (MDSU) NAVY DIVE COMPUTER		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	50	1,720.00	Y		
3.3) HY264 - (MDSU) NAVY DIVE COMPUTER		2026	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	8	1,740.00	Y		

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3.3) HY264 - (MDSU) NAVY DIVE COMPUTER		2027	TBD / TBD	TBD	WASHINGTON, DC	May 2027	May 2028	7	1,750.00	Y		
3.4) HY277 - (MDSU) DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	1	77,900.00	Y		
3.4) HY277 - (MDSU) DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3		2026	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	4	79,572.00	Y		
3.4) HY277 - (MDSU) DIVER AUGMENTED VISUAL DISPLAY (DAVD) GEN 3		2027	TBD / TBD	TBD	WASHINGTON, DC	May 2027	May 2028	2	81,141.00	Y		
3.5) HY298 - (MDSU) DAVD 3D SONAR WITH GPS UPGRADE		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2025	May 2026	1	140,964.00	Y		
4) EXPLOSIVE ORDNANCE DISPOSAL (EOD) DIVING & SALVAGE EQUIPMENT (N95)												
4.2) HY300 - (EOD) TRANSPORTABLE RECOMPRESSION CHAMBER SYSTEM (TRCS)		2025	TBD / TBD	TBD	WASHINGTON, DC	Sep 2025	Sep 2026	2	1,688K	Y		
4.3) HY301 - (EOD) STANDARD NAVY DOUBLE-LOCK RECOMPRESSION CHAMBER (SNDL)		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Apr 2025	Apr 2026	1	1,925K	Y		
4.3) HY301 - (EOD) STANDARD NAVY DOUBLE-LOCK RECOMPRESSION CHAMBER (SNDL)		2027	TBD / TBD	C / TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	1,826K	Y		
4.4) HY310 - (EOD) NAVY DIVE COMPUTER LO MU		2026	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	218	3,663.00	Y		
4.5) HY311 - (EOD) DAVD 3D SONAR WITH GPC UPGRADE		2026	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	143,780.00	Y		
4.6) HY312 - (EOD) NAVY DIVE COMPUTER		2026	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	45,000.00	Y		
4.7) HY313 - (EOD) DIVER LAUNCH AND RECOVERY SYSTEM (LARS)		2026	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	344,860.00	Y		
5) SALVAGE (N97)												
5.1) HY116 - PORTABLE SUBMERSIBLE PUMPS		2025	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	2	180,249.00	Y		
5.4) HY145 - COFFERDAM SYSTEM		2025	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	3	130,000.00	Y		

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 11	P-1 Line Item Number / Title: 1130 / Diving and Salvage Equipment	Aggregated Items: Diving and Salvage Equipment

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
5.4) HY145 - COFFERDAM SYSTEM		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	1	129,000.00	Y		
5.4) HY145 - COFFERDAM SYSTEM		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	4	134,500.00	Y		
5.5) HY146 - PROPELLER SYSTEM REPAIR KIT		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	269,000.00	Y		
5.7) HY169 - UNDERWATER SHIP HUSBANDRY (UWSH) POWER TOOLS		2025	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	116,000.00	Y		
5.7) HY169 - UNDERWATER SHIP HUSBANDRY (UWSH) POWER TOOLS		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	118,000.00	Y		
5.9) HY190 - VIDEO/CAMERA EQUIPMENT		2026	GLOBAL PCCI / IRVINE CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	1	125,000.00	Y		
5.9) HY190 - VIDEO/CAMERA EQUIPMENT		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	130,000.00	Y		
5.10) HY195 - UNDERWATER RIGGING SUPPORT SYSTEM		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	2	215,500.00	Y		
5.12) HY197 - UNDERWATER SHIP HUSBANDRY (UWSH) PIERSIDE SUPPORT VANS		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	1	245,000.00	Y		
5.12) HY197 - UNDERWATER SHIP HUSBANDRY (UWSH) PIERSIDE SUPPORT VANS		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	250,000.00	Y		
5.13) HY198 - UNDERWATER SHIP HUSBANDRY (UWSH) SURFACE SHIP SUPPORT SYSTEMS		2025	TBD / TBD	C / TBD	** NO PCO **	Oct 2024	Oct 2025	5	142,000.00	N		
5.13) HY198 - UNDERWATER SHIP HUSBANDRY (UWSH) SURFACE SHIP SUPPORT SYSTEMS		2026	GLOBAL PCCI / IRVINE CA	C / CPFF	WASHINGTON, DC	May 2026	May 2027	1	153,000.00	Y		
5.13) HY198 - UNDERWATER SHIP HUSBANDRY (UWSH) SURFACE SHIP SUPPORT SYSTEMS		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	3	152,000.00	Y		
5.14) HY200 - DEEP DRONE UPGRADE		2027	TBD / TBD	C / CPAF	WASHINGTON, DC	Oct 2026	Oct 2027	1	3,626K	Y		
5.18) HY206 - KERRIE CABLE UNDERWATER CUTTING SYSTEM		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	29,000.00	Y		

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 11	P-1 Line Item Number / Title: 1130 / Diving and Salvage Equipment	Aggregated Items: Diving and Salvage Equipment

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
5.20) HY216 SAL/BDR MATERIAL KIT		2027	TBD / TBD	C / FFP	WASHINGTON, DC	Oct 2026	Oct 2027	1	75,000.00	Y		
5.24) HY221 - ADVANCED POWER GENERATOR		2025	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	286,000.00	Y		
5.25) HY227 - COMPLEX AND/ OR LARGE UWSH REPAIR COFFERDAM SUPPORT SYSTEMS		2027	TBD / TBD	TBD	WASHINGTON, DC	May 2027	May 2028	1	757,000.00	Y		
5.27) HY230 - NEXGEN HYDRAULIC POWER UNIT, MOD 6B		2026	GLOBAL PCCI / IRVINE CA	C / CPFF	WASHINGTON, DC	Feb 2026	Feb 2027	2	129,090.00	Y		
5.28) HY232 - DECK SYSTEMS HYDRAULIC POWER UNIT UPGRADE		2025	GLOBAL PCCI / IRVINE CA	C / CPFF	WASHINGTON, DC	Feb 2026	Feb 2027	4	40,125.00	Y		
5.28) HY232 - DECK SYSTEMS HYDRAULIC POWER UNIT UPGRADE		2026	GLOBAL PCCI / IRVINE CA	C / CPFF	WASHINGTON, DC	May 2027	May 2028	1	49,820.00	Y		
5.30) HY238 - SALVAGE EQUIPMENT TRANSPORT AND LANDING CRAFT		2025	TBD / TBD	TBD	WASHINGTON, DC	Dec 2026	Dec 2027	1	420,000.00	Y		
5.36) HY267 - DIAMOND WIRE SAW CUTTING SYSTEM		2025	TBD / TBD	TBD	WASHINGTON, DC	Dec 2025	Dec 2026	1	344,000.00	Y		
5.38) HY269 - SALVAGE FIRE FIGHTING KIT		2027	TBD / TBD	TBD	WASHINGTON, DC	May 2027	May 2028	1	67,000.00	Y		
5.43) HY299 - UNDERWATER SHIP HUSBANDRY (UWSH) STORAGE & SHIPPING CONTAINERS		2025	TBD / TBD	TBD	WASHINGTON, DC	Dec 2025	Dec 2026	1	34,000.00	Y		
5.43) HY299 - UNDERWATER SHIP HUSBANDRY (UWSH) STORAGE & SHIPPING CONTAINERS		2026	GPC / IRVINE, CA	C / CPFF	WASHINGTON, DC	Feb 2026	Feb 2027	1	33,000.00	Y		
5.43) HY299 - UNDERWATER SHIP HUSBANDRY (UWSH) STORAGE & SHIPPING CONTAINERS		2027	TBD / TBD	TBD	WASHINGTON, DC	Oct 2026	Oct 2027	1	33,000.00	Y		
5.46) HY315 FULL OCEAN DEPTH ROV		2027	TBD / TBD	C / CPAF	WASHINGTON, DC	Oct 2026	Oct 2027	1	11,615K	Y		
5.48) HY320 FULL OCEAN DEPTH LINE SPOOLER		2027	TBD / TBD	C / CPFF	WASHINGTON, DC	Oct 2026	Oct 2027	1	966,250.00	Y		

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 11	P-1 Line Item Number / Title: 1130 / Diving and Salvage Equipment	Aggregated Items: Diving and Salvage Equipment

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 12: Small Boats	**P-1 Line Item Number / Title:** 0954 / Medium Unmanned Surface Vehicle (MUSVs)

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	0.000	121.130	0.000	121.130	691.071	682.139	756.610	811.650	-	3,062.600
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.000	121.130	0.000	121.130	691.071	682.139	756.610	811.650	-	3,062.600
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**0.000**	**121.130**	**0.000**	**121.130**	**691.071**	**682.139**	**756.610**	**811.650**	**-**	**3,062.600**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Medium Unmanned Surface Vessel Family of Systems (MUSV FoS) will ensure a suite of USV capability is delivered to the warfighter. There is an Urgent Operational Need (UON) that was validated by the Navy in August 2025 that requires a specific number of MUSVs by FY 2027. The Navy developed the USV Family of Systems (USV FoS) acquisition strategy in early 2026 to provide a comprehensive approach to delivering surface unmanned systems to warfighter at speed and scale. The USV FoS acquisition strategy is aligned to multiple theater priorities and there are urgent demand signals from the Fleet.

MUSVs will be designed to employ modular payloads aligned with the CNO's Containerized Capabilities Campaign Plan, enabling the same containers to be fielded across the Fleet on existing platforms to deliver tailored offsets in accordance with the US Navy Fighting Instructions in support of the Golden Fleet initiatives. The MUSV is a foundational element of the Golden Fleet strategy, designed to work in concert with manned warships to increase battlespace awareness and distributed lethality. Central to this concept is the command and control (C2) relationship between manned and unmanned platforms. The program envisions guided-missile frigates (FF(X)) acting as a "quarterback," exercising direct C2 over large flotillas of MUSVs. This allows the frigate to extend its sensor and engagement reach significantly, leveraging the MUSVs as a distributed, forward-deployed extension of its own combat systems.

Being a part of the Battleship flexible command-and-control ship set for both manned and unmanned systems, MUSV's can be led in a Surface Action Group, integrate with a Carrier Strike Group, or operate autonomously to secure critical sea lanes. By utilizing RAS C2 through use of Navy warfare system programs of record including BBG(X) Integrated Combat System (ICS), communications systems, and design reservations dedicated to future RAS C2 systems.

The MUSV FoS will ensure competitive prototyping produces commercial-based vessel design integrated with platform machinery and autonomy software providing next-generation capabilities that align with Future Surface Combatant Force (FSCF).

USV capabilities are being developed incrementally as technologies mature, ensuring efficient and affordable execution. MUSV FoS will focus on improving producibility by being non-exquisite, modular, and expanding competition with multiple vendors.

The FY 2027 request for Medium Unmanned Surface Vehicle (MUSVs) includes $121,130 thousand of discretionary to acquire two vehicles and $50,000 thousand of mandatory for one additional vehicle for a total of $171,130 thousand and three vehicles. FY 2027 mandatory funds continue efforts from FY 2026 for continued vehicle procurement.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 12: Small Boats	**P-1 Line Item Number / Title:** 0954 / Medium Unmanned Surface Vehicle (MUSVs)	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

The FY 2026 spend plan for Medium Unmanned Surface Vehicles (MUSV) includes $1,950,714 of mandatory (reconciliation) and $0 of discretionary funds for a total of $1,950,714. This finances 36 MUSV's to support the Golden Fleet vision.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 12: Small Boats	**P-1 Line Item Number / Title:** 0954 / Medium Unmanned Surface Vehicle (MUSVs)
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A / **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	1 / Medium Unmanned Surface Vehicle (MUSVs)	P-5a, P-21			- / 0.000	- / 0.000	- / 0.000	- / 121.130	- / 0.000	- / 121.130
P-40	**Total Gross/Weapon System Cost**				**- / 0.000**	**- / 0.000**	**- / 0.000**	**- / 121.130**	**- / 0.000**	**- / 121.130**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The Medium Unmanned Surface Vessel Family of Systems (MUSV FoS) will ensure a suite of USV capability is delivered to the warfighter. There is an Urgent Operational Need (UON) that was validated by the Navy in August 2025 that requires a specific number of MUSVs by FY 2027. The Navy developed the USV Family of Systems (USV FoS) acquisition strategy in early 2026 to provide a comprehensive approach to delivering surface unmanned systems to warfighter at speed and scale. The USV FoS acquisition strategy is aligned to multiple theater priorities and there are urgent demand signals from the Fleet.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	**P-1 Line Item Number / Title:** 0954 / Medium Unmanned Surface Vehicle (MUSVs)	**Item Number / Title [DODIC]:** 1 / Medium Unmanned Surface Vehicle (MUSVs)
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	0.000	121.130	0.000	121.130
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.000	121.130	0.000	121.130
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**0.000**	**121.130**	**0.000**	**121.130**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Hardware - MUSV Cost																		
Recurring Cost																		
1.1.1) Vessel Procurement(†) (1)	-	-	-	-	-	-	-	-	-	35,498K	2	70.996	-	-	-	35,498K	2	70.996
1.1.2) MUSV Platform Machinery and Automation	-	-	-	-	-	-	-	-	-	7,000K	6	42.000	-	-	-	7,000K	6	42.000
1.1.3) Engineering Support	-	-	-	-	-	-	-	-	-	-	-	8.134	-	-	-	-	-	8.134
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	*121.130*	-	-	-	-	-	*121.130*
Subtotal: Hardware - MUSV Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***121.130***	**-**	**-**	**-**	**-**	**-**	***121.130***
Gross/Weapon System Cost	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**121.130**	**-**	**-**	**0.000**	**-**	**-**	**121.130**

(†) indicates the presence of a P-5a

Footnotes:

(1) Previously funded in Mandatory unit cost based on historical prototyping data

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	P-1 Line Item Number / Title: 0954 / Medium Unmanned Surface Vehicle (MUSVs)	Item Number / Title [DODIC]: 1 / Medium Unmanned Surface Vehicle (MUSVs)

Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Vessel Procurement(†)		2027 (2)	TBD (3) / TBD	C / FFP	NAVSEA	Nov 2026	Sep 2027	2	35,498K	Y		

(†) indicates the presence of a P-21

Footnotes:

(2) No vendor information is available at this time. Currently reviewing contractor Areas of Interest submissions and selecting vendors.

(3) Dates and vendors are based on initial procurement estimates and will be updated based on awards

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	**P-1 Line Item Number / Title:** 0954 / Medium Unmanned Surface Vehicle (MUSVs)	**Item Number / Title [DODIC]:** 1 / Medium Unmanned Surface Vehicle (MUSVs)

Cost Elements (Units in Each)							Fiscal Year 2027												Fiscal Year 2028												BALANCE
										Calendar Year 2027														Calendar Year 2028									
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Vessel Procurement [1]																															
	1	2027	NAVY	2	0	2		A -	-	-	-	-	-	-	-	-	-	2													0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	**P-1 Line Item Number / Title:** 0954 / Medium Unmanned Surface Vehicle (MUSVs)	**Item Number / Title [DODIC]:** 1 / Medium Unmanned Surface Vehicle (MUSVs)

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	TBD [3] - TBD	1	2	20	0	0	10	10	0	0	10	10

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:
[3] Dates and vendors are based on initial procurement estimates and will be updated based on awards

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 12: Small Boats	**P-1 Line Item Number / Title:** 1210 / Standard Boats

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	1,306.265	447.298	82.086	97.746	0.000	97.746	66.058	74.111	79.273	78.667	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,306.265	447.298	82.086	97.746	0.000	97.746	66.058	74.111	79.273	78.667	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,306.265**	**447.298**	**82.086**	**97.746**	**0.000**	**97.746**	**66.058**	**74.111**	**79.273**	**78.667**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Naval Sea Systems Command (NAVSEA) -- Boats are procured to fill allowances established by CNO and NAVSEA and to replace boats now in service which are beyond economical repair at shore activities and aboard ships. Total inventory objectives change based on Fleet requirements.

H0001 BASE OPERATING FORCES

Force Protection Boat (Small) - Light gasoline twin outboard engine powered (up to 150 HP each) aluminum boats from 7 to 8.2 meters (24 to 27 ft) in length used primarily for fleet force protection, maritime interdiction, law enforcement operations, at Naval activities and adjacent ports and waterways duties. Can operate in areas where the environment (sea states/climatology) does not present a significant challenge. Service life is 7 years.

CNIC Force Protection Boat (Small) - Gasoline twin outboard engine aluminum boats approximately 8.5 meters (27 ft) in length with a narrow beam to aid in transport. Used primarily for fleet security, force protection/anti-terrorism, maritime interdiction and law enforcement operations at Naval activities and adjacent ports and waterways. The boats are provided with shouldering capabilities and foundations suitable for weapons. The boats operate primarily at Naval activities in sheltered harbors and waterways. Service life is 7 years.

CNIC Force Protection Boat (Medium) - Gasoline outboard engine powered aluminum boats approximately 10 meters (33 ft) in length used primarily for fleet force protection, maritime interdiction, law enforcement operations at Naval activities and adjacent ports and waterways duties. Needed for operations in areas where the environment (sea states/climatology) is significant enough to necessitate the larger boat and resultant larger engines to meet the performance/operational requirements. Service life is 7 years.

CNIC Force Protection Boat (Large) - Gasoline twin outboard engine powered aluminum boats approximately 11 meters (36 ft) in length with a wide beam used primarily for fleet force protection, maritime interdiction, law enforcement operations, at Naval activities and adjacent ports and waterways duties. Needed in areas where the environment (sea states/climatology) necessitates a larger boat for dependability. Service life is 7 years.

CNIC Workboat (Medium) - Diesel inboard-engine powered steel boats up to approximately 11 meters (36 ft) in length used primarily for multi-purpose workboat applications at Naval activities and adjacent ports and waterways duties, such as towing and pusher boat capabilities, line handling, harbor cleaning, and security barrier tending. Habitability, maneuverability and bollard pull power are commensurate

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with operational requirements associated with barrier and moderately sized vessel assist (i.e., barges, boats, etc.). The Workboat (Medium) is capable of performing operations in areas where the operating environment (sea states/climatology) is not significant enough to necessitate the larger boat, but includes the capabilities necessary to meet operational requirements. Service life is 20 years.

CNIC Workboat (Large) - Diesel inboard-engine powered steel boats over approximately 11 meters (36 ft) in length used primarily for multi-purpose workboat applications at Naval activities and adjacent ports and waterways. Duties include towing and pusher tugboat capabilities, diver support, ship's husbandry, cargo carrier, personnel ferry, harbor cleaning, firefighting and security barrier tending. Habitability, maneuverability and bollard pull power are commensurate with operational requirements associated with large sized vessel assist (i.e., ships, derricks, etc.). The Workboat (Large) is needed for operations in areas where the operating environment (including sea states/climatology) is significant enough to necessitate the larger boat and include the capabilities necessary to meet operational requirements. Service life is 25 years.

Arizona Memorial Ferry - The primary mission requirement for the Arizona Memorial ferry boats is to provide safe, reliable shuttle service between the Visitors Center and the Arizona Memorial. Secondary missions for the ferry boats include an average of one round trip per day for re-enlistment ceremonies, one or two round trips per day for additional Navy tours (special events, holiday ceremonies, harbor lights tours, etc.) and normal daily transit to and from stowage. Ferry service is provided 362 days per year.

Utility Boats - 25 ft boats used for OSR operations, working in conjunction with Boom Platforms (BPs) and Rapid Response Skimmers (RRS). Typical mission requires UB and BP to sprint to the oil spill location ahead of the RRS. After spill assessment, 24" response boom (aboard BP) is tied off to UB, which is used to payout/deploy boom to surround spill while the RRS recovers the oil. UB crew tends boom during oil skimming operations, accessing boom over low gunwales or via dive door on UB. Typical mission duration is 3-8 hours. Service life is 10 years.

H0002 AMPHIBIOUS ASSAULT SHIPS

7M (24 ft) Rigid Inflatable Boat (RIB) - Diesel powered, primarily used as ship's lifeboats, search and rescue boats, liberty boats, and for general transportation on auxiliaries, combatants, carriers, amphibious, and shore activities. Also used for Anti-Terrorism/Force Protection (AT/FP) and Maritime Interdiction Operation/Vessel, Boarding, Search and Seizure (MIO/VBSS) operations. Service life is 12 years.

11M (36 ft) RIB - Carried as a ship's boat or assigned to a shore activity to perform a variety of operations including personnel and light cargo transfer, anchorage administration AT/FP operations and swimmer defense, visit/boarding/search and maritime interdiction, Amphibious Assault Vehicle (AAV) safety boat and Advanced Amphibious Assault Vehicle (AAAV) assist boat. Service life is 12 years.

H0003 EXPLOSIVE ORDNANCE DISPOSAL FORCES

Explosive Ordnance Disposal (EOD) Support Craft RIB - Used for area search, MK 5 and MK 16 Underwater Breathing Apparatus (UBA)/diving training, mammal operations, ordnance/mine recovery, parachute insertion support and command and control. Service life is 10 years.

11M (36 ft) EOD RIB - The 11M RIBs are required to support the emergent establishment of an enduring MK 18 unmanned underwater vehicle family of systems capability for near term operational missions in the shallow water and very shallow water environments in the Fifth Fleet area of responsibility. Operational missions include intelligence preparation of the operational environment/mine countermeasure missions. Service life is 7 to 10 years.

H0004 NAVAL SPECIAL WARFARE (NSW)

NSW Short Range Support Craft - Used in support of combat swimmer-diver training evolutions and the Special Warfare Combatant Craft (SWCC) basic crewman training curriculum. Service life is 10 years.

NSW Long Range Support Craft - SEAL combat swimmer/SEAL Delivery Vehicle (SDV)/surface swimmer safety craft for offshore/open ocean training support. Provides transportation to/from training areas, dive supervisor/event officer-in-charge/corpsman safety support platform and injured diver/swimmer egress platform for Naval Special Warfare. Service life is 10 years.

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NSW RIB (formerly Enhanced Visit Board Search and Seizure (VBSS)) - Provide operational commander a capability to conduct VBSS and Maritime Interception Operations (MIO) from an Afloat Staging Base in conjunction with an overwatch craft and other friendly forces. Service life is 7 years.

H0005 RIVERINE ACTIVITIES

40 Patrol Boat (40PB) - The craft will support maritime security operation missions and tasks such as harbor approach defense; high value unit transit escort operations; VBSS operations and overwatch; critical infrastructure protection; amphibious operations support; riverine operations; mine warfare support; embarked forces support (e.g., Special Operations Forces (SOF), EOD, United States Coast Guard (USCG) Law Enforcement Detachment (LEDET); and, Humanitarian Assistance/Disaster Relief (HA/DR) support. Twin diesel engine powered boat with a nominal length of 40 ft used to patrol green water littoral zones such as coastal water approaches, bays, major rivers, ports, and harbors. Service life is 15 to 20 years.

Coastal Riverine Force (CRF) Boat Simulator - Funding will be used to procure integrated virtual training simulators. These virtual simulators will provide training for MK VI and 40PB coxswains, navigators, engineers, and weapons personnel.

Riverine Multi-Mission Craft - Provides the Navy with, but not limited to, high value unit Escort, maritime infrastructure protection; coastal riverine security; VBSS, VBSS overwatch and/or mine warfare support. Service life is 8 years.

MK VI Patrol Boat - Naval Expeditionary Combat Command (NECC) Riverine Forces require a tactically sized, highly reliable, combatant craft capable of operating from land or maritime platforms. The mission of the MK VI is to provide the operational commander a capability to persistently patrol shallow littoral areas beyond sheltered harbors and bays, and into less sheltered open water out to the Departure Sea Area (DSA) for the purpose of force protection of friendly and coalition forces and critical infrastructure. Mission profiles may include: patrol of Maritime Pre-positioning Force (MPF) and Joint Logistics Over the Shore (JLOTS) anchorage and marshaling areas, offshore economic infrastructure Gulf Oil Platforms (GOPLATs), High-Value Asset (HVA) shipping escort, over watch of MIO/VBSS operations, Theater Security Cooperation (TSC), and Security Force Assistance (SFA). Service life is 7 to 10 years.

H0006 SUPPORT FORCES

7M (24 ft) RIB - Diesel powered, primarily used as ship's lifeboats, search and rescue boats, liberty boats, and for general transportation on auxiliaries, combatants, carriers, amphibious, and shore activities. Also used for AT/FP and MIO/VBSS operations. Service life is 12 years.

H0007 FLEET LOGISTICS SUPPORT

7M (24 ft) RIB - Diesel powered, primarily used as ship's lifeboats, search and rescue boats, liberty boats, and for general transportation on auxiliaries, combatants, carriers, amphibious, and shore activities. Also used for AT/FP and MIO/VBSS operations. Service life is 12 years.

H0008 NAVAL COASTAL WARFARE

Patrol Boat (Small) - Light gasoline twin outboard engine powered (up to 150 HP each) aluminum boats from 7 to 8.2 meters (24 to 27 ft) in length used primarily for fleet force protection, maritime interdiction, law enforcement operations, at Naval activities and adjacent ports and waterways duties. Can operate in areas where the environment (sea states/climatology) does not present a significant challenge. Service life is 7 years.

Patrol Boat (Large) - Twin diesel engine powered aluminum boats over 9 meters (30 ft) in length used primarily for fleet force protection, maritime interdiction, law enforcement operations, at Naval activities and adjacent ports and waterways duties. Needed in areas where the environment (sea states/climatology) necessitates a larger boat for dependability. Too heavy to meet the performance/operational requirements with outboard engines. Service life is 7 years.

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H0009 SUBMARINE WARFARE

Dive Boat Replacement - Aluminum hull from 50 to 60 ft boat used in operations involving diving or the need to deploy support equipment at or near the water. Examples include dive operations focusing on underwater ships husbandry of Fleet assets, training, underwater survey and RDT&E, as well as, general ports and waterways operations, routine harbor maintenance and cleanup duties, and to assist in patrol, rescue, firefighting and picket operations. Service life: 15 to 20 years.

Range Support Craft - Workboat type vessel to serve US Navy Weapons Systems Training and Validation, assisting fleet operations conducting acoustical, thermal and cross-section measurements and testing. Hulls to be steel or aluminum with aluminum superstructure and corrosion resistant systems, components and hardware to operate in industrial conditions with minimal maintenance. Sea kindliness underway and while loitering for extended periods are among the primary operational requirements. A large open workspace on the after deck with a retrieval ramp providing access to the water and appropriate weapons handling machinery. Weapons systems equipment to be handled includes missiles, torpedoes, surface and air launched Remotely Operated Vehicles (ROVs) and targets. Minimal freeboard height aft is necessary for crew safety while accessing and operating the weapons retrieval mechanism without compromising stability. The boat must be able to accommodate extreme loading conditions (i.e., from a full weapons load topside to light load). The boat must be as stable and as wide as possible to provide the inherent stability characteristics necessary to perform the operations and necessary to provide ergonomics for the crew and passengers. Requirements include communications, navigation and other electronics systems necessary to support the sophisticated training, validation and recording of specialized measurements to support a wide variety of operations. A Commercial Off The Shelf (COTS) boat built to recognize commercial standards can accomplish specific operational requirements for the mission. Service Life is 25 years.

H0010 POLLUTION CONTROL EQUIPMENT

Oil Boom Platform - 30 ft Boom Platform (BP) Boat used for Oil Spill Response (OSR) operations, working in conjunction with 25 ft Utility Boats (UBs) and Rapid Response Skimmers (RRS). Typical mission requires UB and BP to sprint to the oil spill location ahead of the RRS. After spill assessment, 24" response boom (aboard BP) is tied off to UB, which is used to payout/deploy boom to surround spill while the RRS recovers the oil. BP crew delivers and unravels the boom during oil skimming operations. Typical mission duration is 3-8 hours. Service life is 10 years.

Utility Boats - 25 ft boats used for OSR operations, working in conjunction with Boom Platforms (BPs) and Rapid Response Skimmers (RRS). Typical mission requires UB and BP to sprint to the oil spill location ahead of the RRS. After spill assessment, 24" response boom (aboard BP) is tied off to UB, which is used to payout/deploy boom to surround spill while the RRS recovers the oil. UB crew tends boom during oil skimming operations, accessing boom over low gunwales or via dive door on UB. Typical mission duration is 3-8 hours. Service life is 10 years.

Rapid Response Skimmers - 30 ft boats used for OSR operations, working in conjunction with Boom Platforms (BPs) and Utility Boats (UBs). Typical mission requires UB and BP to sprint to the oil spill location ahead of the RRS. After spill assessment, 24" response boom (aboard BP) is tied off to UB, which is used to payout/deploy boom to surround spill while the RRS recovers the oil. The RRS "skims" the oil off of the top of the water and holds it in an onboard storage container for proper disposal and processing. Typical mission duration is 3-24 hours. Service life is 10 years.

H0011 WARFARE INTEGRATION

Workboat (Medium) - Diesel inboard-engine powered steel boats up to approximately 11 meters (36 ft) in length used primarily for multi-purpose workboat applications at Naval activities and adjacent ports and waterways duties, such as towing and pusher boat capabilities, line handling, harbor cleaning, and security barrier tending. Habitability, maneuverability and bollard pull power are commensurate with operational requirements associated with barrier and moderately sized vessel assist (i.e., barges, boats, etc.). The Workboat (Medium) is capable of performing operations in areas where the operating environment (sea states/climatology) is not significant enough to necessitate the larger boat, but includes the capabilities necessary to meet operational requirements. Service life is 20 years.

H0012 TRAINING ACTIVITIES

11M (36 ft) RIB - Carried as a ship's boat or assigned to a shore activity to perform a variety of operations including personnel and light cargo transfer, anchorage administration AT/FP operations and swimmer defense, visit/boarding/search and maritime interdiction, Amphibious Assault Vehicle (AAV) safety boat and Advanced Amphibious Assault Vehicle (AAAV) assist boat. Service life is 12 years.

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CNIC Force Protection Boat (Medium) - Gasoline outboard engine powered aluminum boats approximately 10 meters (33 ft) in length used primarily for fleet force protection, maritime interdiction, law enforcement operations at Naval activities and adjacent ports and waterways duties. Needed for operations in areas where the environment (sea states/climatology) is significant enough to necessitate the larger boat and resultant larger engines to meet the performance/operational requirements. Service life is 7 years.

Naval Diving Salvage Training Command (NDSTC) Utility Boat - Used for training EOD technicians, Joint Service and Fleet Operators in support of area search, MK 5 and MK 16 Underwater Breathing Apparatus (UBA)/diving training, mammal operations, ordnance/mine recovery, parachute insertion support and command and control. Service life is 10 years.

H0830 PRODUCTION ENGINEERING

Production Engineering funds are used for engineering and technical support of boat and combatant craft acquisition and the development of integrated logistics support documentation to include technical data packages, provisioning, technical manuals, preventative maintenance documents and naval training systems plans. Technical support shall include acceptance trials, test and evaluation, inspections of production facilities, methods and quality assurance procedures and processes during and after construction. Additionally, official Navy boat inventory management, pre-delivery and post-delivery inspections and preparing documentation regarding boat and combatant craft procurement contract closeout and may be accomplished. Boats will not be safe or suitable to perform Navy boat and combatant craft missions if acquisition engineering technical support and integrated logistics support are not funded and completed. Boats will not be properly accounted for in accordance with the Department of Navy's instruction 4780.6G if boat inventory management is not provided.

H0CA5 DIVE BOATS

Aluminum hull from 50 to 60 ft boat used in operations involving diving or the need to deploy support equipment at or near the water. Examples include dive operations focusing on underwater ships husbandry of Fleet assets, training, underwater survey and RDT&E, as well as, general ports and waterways operations, routine harbor maintenance and cleanup duties, and to assist in patrol, rescue, firefighting and picket operations. Service life: 15 to 20 years.

H0CA6 RANGE SUPPORT CRAFT

Workboat type vessel to serve US Navy Weapons Systems Training and Validation, assisting fleet operations conducting acoustical, thermal and cross-section measurements and testing. Hulls to be steel or aluminum with aluminum superstructure and corrosion resistant systems, components and hardware to operate in industrial conditions with minimal maintenance. Sea kindliness underway and while loitering for extended periods are among the primary operational requirements. A large open workspace on the after deck with a retrieval ramp providing access to the water and appropriate weapons handling machinery. Weapons systems equipment to be handled includes missiles, torpedoes, surface and air launched Remotely Operated Vehicles (ROVs) and targets. Minimal freeboard height aft is necessary for crew safety while accessing and operating the weapons retrieval mechanism without compromising stability. The boat must be able to accommodate extreme loading conditions (i.e., from a full weapons load topside to light load). The boat must be as stable and as wide as possible to provide the inherent stability characteristics necessary to perform the operations and necessary to provide ergonomics for the crew and passengers. Requirements include communications, navigation and other electronics systems necessary to support the sophisticated training, validation and recording of specialized measurements to support a wide variety of operations. A Commercial Off The Shelf (COTS) boat built to recognize commercial standards can accomplish specific operational requirements for the mission. Service Life is 25 years.

H0CA7 40PB (formerly Patrol Boat (X))

The craft will support maritime security operation missions and tasks such as harbor approach defense; high value unit transit escort operations; VBSS operations and overwatch; critical infrastructure protection; amphibious operations support; riverine operations; mine warfare support; embarked forces support (e.g., Special Operations Forces (SOF), EOD, United States Coast Guard (USCG) Law Enforcement Detachment (LEDET); and, Humanitarian Assistance/Disaster Relief (HA/DR) support. Twin diesel engine powered boat with a nominal length of 40 ft used to patrol green water littoral zones such as coastal water approaches, bays, major rivers, ports, and harbors. Service life is 15 to 20 years.

H0CA8 DIESEL FUEL OUTBOARDS

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The Diesel Fuel Outboard Motor project supports the transition of the FY 2015 Rapid Innovation Fund "Affordable Multi-fuel Multi-engine Advanced Combatant Craft" program to the Explosive Ordnance Disposal Force. This technology minimizes the types of fuel required to increase standardization, flexibility, and interoperability during deployment while at the same time reduces total ownership cost. This technology is being transitioned to the Fleet by being installed aboard Explosive Ordnance Disposal Force Craft currently operating as well as for new procurements in the future.

H0CA9 MK VI Patrol Boat

MK VI Patrol Boat - Naval Expeditionary Combat Command (NECC) Riverine Forces require a tactically sized, highly reliable, combatant craft capable of operating from land or maritime platforms. The mission of the MK VI is to provide the operational commander a capability to persistently patrol shallow littoral areas beyond sheltered harbors and bays, and into less sheltered open water out to the Departure Sea Area (DSA) for the purpose of force protection of friendly and coalition forces and critical infrastructure. Mission profiles may include: patrol of Maritime Pre-positioning Force (MPF) and Joint Logistics Over the Shore (JLOTS) anchorage and marshaling areas, offshore economic infrastructure Gulf Oil Platforms (GOPLATs), High-Value Asset (HVA) shipping escort, over watch of MIO/VBSS operations, Theater Security Cooperation (TSC), and Security Force Assistance (SFA). Service life is 7 to 10 years.

H0CAB FORCE PROTECTION BOAT (SMALL)

Light gasoline twin outboard engine powered (up to 150 HP each) aluminum boats from 7 to 8.2 meters (24 to 27 ft) in length used primarily for fleet force protection, maritime interdiction, law enforcement operations, at Naval activities and adjacent ports and waterways duties. Can operate in areas where the environment (sea states/climatology) does not present a significant challenge. Service life is 7 years.

H0G86 OCO SUPPLEMENTAL

Current existing systems require replacements for boats due to excessive wear and tear. The boats are being maintained; however, they are not designed for the operational tempo (OPTEMPO) and harsh operating conditions in which they will be employed. The Force Protection Coastal (FPC) boats will provide capability called for in Visit, Board, Search and Seizure (VBSS) overwatch Urgent Operational Needs Statement (UONS) that cannot be met with existing boats. The Riverine Patrol boats, 7M EOD RIBS, and Force Protection (Large) are for boats already in theater.

Coastal Riverine Force (CRF) 40PB - The craft will support maritime security operation missions and tasks such as Harbor Approach Defense; high value unit transit escort operations; VBSS operations and overwatch; critical infrastructure protection; amphibious operations support; riverine operations; mine warfare support; Embarked Forces Support (e.g., SOF, EOD, USCG LEDET); and, Humanitarian Assistance/ Disaster Relief (HA/DR) Support. Twin diesel engine powered boat with a nominal length of 40 ft used to patrol green water littoral zones such as coastal water approaches, bays, major rivers, ports, and harbors. Service life is 15 to 20 years. This begins the reset of twenty-four (24) over age and deteriorating patrol boats continuously deployed to CENTCOM in support of Operation Freedom's Sentinel - Theater (OFS-T). The craft are needed to maintain operational capability and readiness to support force protection and Intelligence, Surveillance and Reconnaissance (ISR) missions in CENTCOM for OFS-T.

Rigid Inflatable Boats (RIB) ISO Global Mine Warfare (MIW) Operations - OCO funding to support the purchase of one (1) 8.5M Rigid Inflatable Boat (RIB) to replace the Combat Rubber Rating Crafts (CRRCs) currently being utilized for global Unmanned Underwater Vehicle (UUV) inshore surveys. The larger RIBs are required due to the CRRCs not being designed for offshore use thus unsafe/unreliable in offshore maritime conditions, and severely limit maneuverability through most sea-states which is unsuitable for the majority of UUV surveys. RIBs are designed for offshore UUV survey requests. The RHIBs will greatly improve the ability to provide mission critical information aimed at protecting the Navy from underwater threats and support the increased naval demand in offshore operations. The project is in geographic area for MIW operations in support of a USCENTCOM requirement ("SPARTAN SHIELD"/FTN # 1190C066396)

UKRAINE PRESIDENTIAL DRAWDOWN AUTHORITY (PDA)

HSMST (HIGH SPEED MANEUVERABLE SURFACE TARGET) - Ukraine Presidential Drawdown Authority (PDA) funds to procure Anti-Submarine Warfare (ASW) range support equipment that includes self-propelled surface targets, towed surface targets, and associated target augmentation to mimic threats and/or provide feedback. Self-propelled surface targets include the High Speed Maneuverable Surface Target (HSMST). Provides the user with a medium to high speed remote controlled surface target with a high degree of maneuverability. It has a form fitted collar surrounding the deck area of the aluminum hull. This target can exceed 45 knots in a calm sea and approaches 40 knots in a sea state 3.

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40PB - Ukraine PDA funds. The craft will support maritime security operation missions and tasks such as harbor approach defense; high value unit transit escort operations; VBSS operations and overwatch; critical infrastructure protection; amphibious operations support; riverine operations; mine warfare support; embarked forces support (e.g., Special Operations Forces (SOF), EOD, United States Coast Guard (USCG) Law Enforcement Detachment (LEDET); and, Humanitarian Assistance/Disaster Relief (HA/DR) support. Twin diesel engine powered boat with a nominal length of 40 ft used to patrol green water littoral zones such as coastal water approaches, bays, major rivers, ports, and harbors. Service life is 15 to 20 years.

Unmanned Vessels - Ukraine PDA funds. Unmanned Surface Vessel Medium and Large - Used in support of Unmanned Surface Vessel testing and demonstration at the Naval Surface Warfare Center, Carderock Division - Combatant Craft Division's Autonomy Lab & Integration Center (ALICe) to support Research and Development of Autonomous Capability for Unmanned Surface Vessels. Provides space for payloads for experimentation of autonomy for both harbor and offshore/open ocean environments. Service life is 10 years.

7M (24 ft) RIB - Ukraine PDA funds. Diesel powered, primarily used as ship's lifeboats, search and rescue boats, liberty boats, and for general transportation on auxiliaries, combatants, carriers, amphibious, and shore activities. Also used for AT/FP and MIO/VBSS operations. Service life is 12 years.

11M (36 ft) RIB - Ukraine PDA funds. Carried as a ship's boat or assigned to a shore activity to perform a variety of operations including personnel and light cargo transfer, anchorage administration AT/FP operations and swimmer defense, visit/boarding/search and maritime interdiction, Amphibious Assault Vehicle (AAV) safety boat and Advanced Amphibious Assault Vehicle (AAAV) assist boat. Service life is 12 years.

CNIC Force Protection Boat (Small) - Ukraine PDA funds. Gasoline twin outboard engine aluminum boats approximately 8.5 meters (27 ft) in length with a narrow beam to aid in transport. Used primarily for fleet security, force protection/anti-terrorism, maritime interdiction and law enforcement operations at Naval activities and adjacent ports and waterways. The boats are provided with shouldering capabilities and foundations suitable for weapons. The boats operate primarily at Naval activities in sheltered harbors and waterways. Service life is 7 years.

SSPBV BLOCKING VESSELS

Blocking Vessels - 250 ft Off Shore Vessels (OSVs) also referred to as Blocking Vessels (BVs) operating at each Strategic Weapons Facility (Bangor, Washington and Kings Bay, Georgia). The Blocking Vessels are a key security component in the transit of SSBNs to and from the dive point. Service Life is 25 years.

H0014 - SMALL UNMANNED SURFACE VEHICLES (sUSV) FAMILY OF SYSTEMS

The sUSV Portfolio consists of a family of systems designed to meet an urgent Geographic Combatant Command Requirement.

sUSV: Platform 1 is an unmanned vehicle that requires a high bandwidth datalink to operate at long distances. Additionally, the platform will be equipped with a radar, infrared devices, and will be capable of carrying various payloads. The platform will be delivered with an autonomy ready package, high-definition surveillance cameras, and remote command and control capabilities. The Navy has an emergent need to operate sUSVs with autonomous software while operating at long distances. The Navy has defined the emergent need to operate and refine tactics with the sUSVs.

The FY 2026 spend plan for 1210 Standard Boats includes $5,100 thousand of discretionary funding and $82,086 thousand of mandatory funding for a total of $87,186 thousand. The mandatory funds support the procurement of NAVSCIOTTS craft.

sUSV Next (Platform 2+): sUSV Next consists of a combination of sUSVs that will be used to conduct Naval operations to meet an urgent Geographic Combatant Command Requirement. sUSV Next is a production-ready, inexpensive Maritime capability leveraging the best of commercial technology and innovations at speed and scale.

A single sUSV consists of a USV, a communications system, a command and control (C2) station, the procurement and integration of autonomy software, and a payload that will be integrated once the USV is delivered.

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Starting in FY 2027, funds were moved to LI 0956 - Small Unmanned Surface Vehicles.

RRL FORCE PROTECTION

Ready, Relevant Learning (RRL) is a transformational Navy training initiative designed to accelerate the learning of every Sailor for faster response to our rapidly changing warfighting requirements and to achieve higher performance by coupling the timing of training delivery with every Sailor's actual deck plate needs. RRL is developing a continuum-of-learning by offering the right training at the right time so that our Sailors are ready to operate their equipment at the extreme technical end of its capability to win the high-end fight. RRL is transforming outdated training content and archaic methodology into a modernized, on demand, Fleet-responsive learning system. Modernized training delivery is producing more efficient and effective training by leveraging new technologies and training support via several MyNavy HR initiatives including: MyNavy Career Center, My Navy Portal, Learning Stack, and Authoritative Data Environment.

Multi-Use EOD Response Craft

The boats are stripped down version of the Multi-Use EOD (Explosive Ordnance Disposal) response craft (MERC) in support of RRL training. The MERC is a highly versatile small boat designed for rapid deployment and response to explosive threats in maritime environments. Equipped with advanced EOD tools and technology, it enables precise operations, including detection, neutralization, and disposal of underwater and surface explosives, ensuring the safety and security of naval and civilian vessels. Service Life is 15 Years.

The FY 2026 spend plan for 1210 Standard Boats includes $5,100 thousand of discretionary funding and $82,086 thousand of mandatory funding for a total of $87,186 thousand. The mandatory funds support the procurement of NAVSCIOTTS craft.

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Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Standard Boats	P-5a			- / 1,306.265	- / 447.298	- / 82.086	- / 97.746	- / -	- / 97.746
P-40	**Total Gross/Weapon System Cost**				**- / 1,306.265**	**- / 447.298**	**- / 82.086**	**- / 97.746**	**- / 0.000**	**- / 97.746**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The FY 2026 spend plan for 1210 Standard Boats includes $82,086 thousand of discretionary funding and $5,100 thousand of mandatory funding for a total of $87,186 thousand. The mandatory funds support the procurement of NAVSCIOTTS craft.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	**P-1 Line Item Number / Title:** 1210 / Standard Boats	**Aggregated Items Title:** Standard Boats

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) H0001 - Base Operating Forces																				
1.1) Force Protection Small	A		3,387K	3	10.161	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) CNIC Force Protection (Small)(†)	A		439,625.00	32	14.068	484,666.67	11	5.331	-	-	-	-	-	-	-	-	-	-	-	-
1.3) CNIC Force Protection (Medium) (1)(†)	A		508,231.40	121	61.496	-	-	-	565,111.11	6	3.391	576,000.00	20	11.520	-	-	-	576,000.00	20	11.520
1.4) CNIC Force Protection (Large)(†)	A		3,193K	14	44.706	1,001K	5	5.005	-	-	-	-	-	-	-	-	-	-	-	-
1.5) CNIC Workboat (Medium)(†)	A		1,008K	45	45.368	1,094K	3	3.281	1,116K	2	2.231	1,138K	1	1.138	-	-	-	1,138K	1	1.138
1.6) CNIC Workboat (Large)	A		1,691K	20	33.814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) Arizona Memorial Ferry (2)(†)	A		-	-	-	-	-	-	2,000K	1	2.000	-	-	-	-	-	-	-	-	-
1.8) Utility Boats (3)(†)	A		-	-	-	-	-	-	168,000.00	1	0.168	171,000.00	2	0.342	-	-	-	171,000.00	2	0.342
Subtotal: 1) H0001 - Base Operating Forces			**-**	**-**	***209.613***	**-**	**-**	***13.617***	**-**	**-**	***7.790***	**-**	**-**	***13.000***	**-**	**-**	**-**	**-**	**-**	***13.000***
2) H0002 - Amphibious Assault Ships																				
2.1) 7M (24 ft) Rigid Inflatable Boat (RIB)(†)	A		240,607.14	28	6.737	346,750.00	4	1.387	353,727.27	11	3.891	361,000.00	9	3.249	-	-	-	361,000.00	9	3.249
2.2) 11M (36 ft) RIB(†)	A		966,208.33	24	23.189	1,173K	3	3.519	1,196K	3	3.588	1,220K	3	3.660	-	-	-	1,220K	3	3.660
Subtotal: 2) H0002 - Amphibious Assault Ships			**-**	**-**	***29.926***	**-**	**-**	***4.906***	**-**	**-**	***7.479***	**-**	**-**	***6.909***	**-**	**-**	**-**	**-**	**-**	***6.909***
3) H0003 - Explosive Ordnance Forces																				
3.1) EOD Support Craft RIB(†)	A		587,292.93	99	58.142	866,722.22	24	20.801	884,000.00	8	7.072	902,000.00	8	7.216	-	-	-	902,000.00	8	7.216
3.2) 11M EOD RIB(†)	A		1,255K	35	43.918	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) H0003 - Explosive Ordnance Forces			**-**	**-**	***102.060***	**-**	**-**	***20.801***	**-**	**-**	***7.072***	**-**	**-**	***7.216***	**-**	**-**	**-**	**-**	**-**	***7.216***
4) H0004 - Naval Special Warfare																				
4.1) NSW Long Range Support Craft(†)	A		358,679.49	78	27.977	397,333.33	10	3.973	405,333.33	10	4.053	413,000.00	9	3.717	-	-	-	413,000.00	9	3.717
4.2) NSW Short Range Support Craft(†)	A		423,042.86	70	29.613	395,117.65	34	13.434	403,000.00	8	3.224	411,125.00	8	3.289	-	-	-	411,125.00	8	3.289
4.4) NSW RIB	A		1,021K	14	14.295	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	**P-1 Line Item Number / Title:** 1210 / Standard Boats	**Aggregated Items Title:** Standard Boats

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Subtotal: 4) H0004 - Naval Special Warfare			**-**	**-**	***71.885***	**-**	**-**	***17.407***	**-**	**-**	***7.277***	**-**	**-**	***7.006***	**-**	**-**	**-**	**-**	**-**	***7.006***
5) H0005 - Riverine Activities																				
5.1) 40PB [(4)(†)]	A		2,890K	28	80.933	4,410K	1	4.410	-	-	-	4,589K	3	13.766	-	-	-	4,589K	3	13.766
5.2) 40PB Production Support-Logistics-Inventory Mgmt-GFE-Spares	A		-	-	9.886	-	-	2.432	-	-	-	-	-	0.308	-	-	-	-	-	0.308
5.3) 40PB Spares/ Design rights	A		-	-	1.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.4) CRF Boat Simulator	A		3,000K	2	6.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5) Riverine Multi-Mission Craft	A		4,085K	11	44.936	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.6) MK VI Patrol Boat	A		8,217K	3	24.651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5) H0005 - Riverine Activities			**-**	**-**	***167.506***	**-**	**-**	***6.842***	**-**	**-**	**-**	**-**	**-**	***14.074***	**-**	**-**	**-**	**-**	**-**	***14.074***
6) H0006 - Support Forces																				
6.1) 7M (24 ft) RIB [(5)(†)]	A		258,073.30	191	49.292	346,750.00	8	2.774	353,750.00	8	2.830	361,000.00	68	24.548	-	-	-	361,000.00	68	24.548
Subtotal: 6) H0006 - Support Forces			**-**	**-**	***49.292***	**-**	**-**	***2.774***	**-**	**-**	***2.830***	**-**	**-**	***24.548***	**-**	**-**	**-**	**-**	**-**	***24.548***
7) H0007 - Fleet Logistics Support																				
7.1) 7M (24 ft) RIB [(†)]	A		272,388.89	36	9.806	347,000.00	2	0.694	353,500.00	2	0.707	361,000.00	2	0.722	-	-	-	361,000.00	2	0.722
Subtotal: 7) H0007 - Fleet Logistics Support			**-**	**-**	***9.806***	**-**	**-**	***0.694***	**-**	**-**	***0.707***	**-**	**-**	***0.722***	**-**	**-**	**-**	**-**	**-**	***0.722***
8) H0008 - Naval Coastal Warfare																				
8.1) Reserve Patrol Boat Small	A		-	-	0.681	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.2) Reserve Patrol Boat Large	A		1,227K	3	3.680	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 8) H0008 - Naval Coastal Warfare			**-**	**-**	***4.361***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
9) H0009 - Submarine Warfare																				
9.1) Dive Boat Replacement [(†)]	A		2,143K	16	34.293	3,144K	2	6.287	4,500K	2	9.000	4,590K	1	4.590	-	-	-	4,590K	1	4.590
9.2) Range Support Craft [(†)]	A		-	-	-	-	-	-	-	-	-	11,648K	1	11.648	-	-	-	11,648K	1	11.648
Subtotal: 9) H0009 - Submarine Warfare			**-**	**-**	***34.293***	**-**	**-**	***6.287***	**-**	**-**	***9.000***	**-**	**-**	***16.238***	**-**	**-**	**-**	**-**	**-**	***16.238***
10) H0010 - Pollution Control Equipment																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	P-1 Line Item Number / Title: 1210 / Standard Boats	Aggregated Items Title: Standard Boats

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
10.1) Oilboom Platform(†)	A		203,031.25	32	6.497	225,250.00	4	0.901	229,750.00	4	0.919	234,250.00	3	0.703	-	-	-	234,250.00	3	0.703
10.2) Utility Boats(†)	A		146,985.51	69	10.142	164,333.33	9	1.479	167,666.67	9	1.509	171,000.00	9	1.539	-	-	-	171,000.00	9	1.539
10.3) Rapid Response Skimmer(†)	A		408,000.00	37	15.096	477,500.00	2	0.955	487,000.00	2	0.974	496,500.00	2	0.993	-	-	-	496,500.00	2	0.993
10.4) OSR OB Engine	A		10,416.67	24	0.250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 10) H0010 - Pollution Control Equipment			**-**	**-**	***31.985***	**-**	**-**	***3.335***	**-**	**-**	***3.402***	**-**	**-**	***3.235***	**-**	**-**	**-**	**-**	**-**	***3.235***
11) H0011 - Warfare Integration																				
11.1) Workboat (Medium)	A		1,031K	12	12.377	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 11) H0011 - Warfare Integration			**-**	**-**	***12.377***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
12) H0012 - Training Activities																				
12.1) 11M (36ft) RIB(†)	A		859,000.00	2	1.718	1,173K	1	1.173	1,196K	1	1.196	1,220K	1	1.220	-	-	-	1,220K	1	1.220
12.3) NSW SHORT RANGE SUPPORT CRAFT (6)(†)	A		-	-	-	-	-	-	-	-	-	411,000.00	3	1.233	-	-	-	411,000.00	3	1.233
12.4) NDSTC Utility Boat	A		476,000.00	2	0.952	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 12) H0012 - Training Activities			**-**	**-**	***2.670***	**-**	**-**	***1.173***	**-**	**-**	***1.196***	**-**	**-**	***2.453***	**-**	**-**	**-**	**-**	**-**	***2.453***
13) H0830 - Production Engineering																				
13.1) Production Engineering	A		-	-	12.346	-	-	1.187	-	-	4.424	-	-	0.894	-	-	-	-	-	0.894
13.2) Production Engineering (Naval Coastal Warfare)	A		-	-	0.391	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 13) H0830 - Production Engineering			**-**	**-**	***12.737***	**-**	**-**	***1.187***	**-**	**-**	***4.424***	**-**	**-**	***0.894***	**-**	**-**	**-**	**-**	**-**	***0.894***
14) H0900 - Consulting Services																				
14.1) Consulting Services	A		-	-	9.046	-	-	0.369	-	-	0.369	-	-	0.369	-	-	-	-	-	0.369
14.2) Consulting Services (Naval Coastal Warfare)	A		-	-	0.289	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 14) H0900 - Consulting Services			**-**	**-**	***9.335***	**-**	**-**	***0.369***	**-**	**-**	***0.369***	**-**	**-**	***0.369***	**-**	**-**	**-**	**-**	**-**	***0.369***
15) H0CA5 - Dive Boats																				
15.1) Dive Boats	A		2,259K	3	6.777	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 15) H0CA5 - Dive Boats			**-**	**-**	***6.777***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
16) H0CA6 - Range Support Craft																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	P-1 Line Item Number / Title: 1210 / Standard Boats	Aggregated Items Title: Standard Boats

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
16.1) Range Support Craft	A		18,362K	2	36.723	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 16) H0CA6 - Range Support Craft			**-**	**-**	***36.723***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
17) H0CA7 - 40PB																				
17.1) 40PB(†)	A		3,578K	5	17.890	4,410K	4	17.640	4,499K	6	26.994	-	-	-	-	-	-	-	-	-
17.2) 40PB Production Support-Logistics-Inventory Mgmt-GFE-Spares	A		-	-	2.110	-	-	1.800	-	-	3.546	-	-	-	-	-	-	-	-	-
Subtotal: 17) H0CA7 - 40PB			**-**	**-**	***20.000***	**-**	**-**	***19.440***	**-**	**-**	***30.540***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
18) H0CA8 - Diesel Fuel Outboards																				
18.1) Diesel Fuel Outboards Upgrades	A		117,307.69	156	18.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.2) Diesel Fuel Outboard Motor Testing / Integration	A		-	-	2.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 18) H0CA8 - Diesel Fuel Outboards			**-**	**-**	***20.300***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
19) H0CA9 - MK VI Patrol Boats																				
19.1) MKVI Patrol Boats Support	A		-	-	-	-	-	2.500	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 19) H0CA9 - MK VI Patrol Boats			**-**	**-**	***0.000***	**-**	**-**	***2.500***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
20) H0CAB - Force Protection Boat (Small)																				
20.1) Force Protection Boat (Small)	A		-	-	2.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20.2) Small Escort Vessels (33')	A		-	-	9.979	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 20) H0CAB - Force Protection Boat (Small)			**-**	**-**	***11.979***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
21) H0G86 - OCO																				
21.1) OCO - Patrol Boat (Large) (Reserve)	A		651,000.00	2	1.302	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.2) OCO - RIBS	A		500,000.00	2	1.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.3) OCO - 7M EOD RIBs (Reserve)	A		234,000.00	6	1.404	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.4) OCO - Force Protection - Coastal (Reserve)	A		4,000K	5	20.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.5) Coastal Riverine Force (CRF) - 40PB	A		2,502K	22	55.050	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	**P-1 Line Item Number / Title:** 1210 / Standard Boats	**Aggregated Items Title:** Standard Boats

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
21.6) 40PB Production Support-Logistics-Inventory Mgmt-GFE-Spares	A		-	-	0.414	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21.7) RIB - Global Mine	A		476,000.00	1	0.476	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 21) H0G86 - OCO			**-**	**-**	***79.646***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
22) Ukraine Presidential Drawdown Authority (PDA)																				
22.1) 40PB(†)	A		3,440K	18	61.920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.2) 40PB Production Support-Logistics-Inventory Mgmt-GFE-Spares	A		-	-	2.938	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.3) Targets	A		253,333.33	15	3.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.4) Unmanned Vessels	A		4,425K	2	8.850	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.5) CNIC Force Protection (Small)(†)	A		-	-	-	485,000.00	14	6.790	-	-	-	-	-	-	-	-	-	-	-	-
22.6) 7M (24 ft) Rigid Inflatable Boat (RIB)(†)	A		-	-	-	346,714.29	7	2.427	-	-	-	-	-	-	-	-	-	-	-	-
22.7) 11M (36 ft) RIB(†)	A		-	-	-	1,173K	13	15.249	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 22) Ukraine Presidential Drawdown Authority (PDA)			**-**	**-**	***77.508***	**-**	**-**	***24.466***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
23) SSPBV																				
23.1) Blocking Vessels	A		38,230K	4	152.920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 23) SSPBV			**-**	**-**	***152.920***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
24) H0014 - sUSV Family of Systems																				
24.1) sUSV Platforms	A		-	-	130.602	-	-	232.697	-	-	-	-	-	-	-	-	-	-	-	-
24.2) Payloads	A		-	-	16.600	-	-	64.668	-	-	-	-	-	-	-	-	-	-	-	-
24.3) C2 Stations	A		-	-	0.972	-	-	6.466	-	-	-	-	-	-	-	-	-	-	-	-
24.4) Spare Kits	A		-	-	0.715	-	-	4.895	-	-	-	-	-	-	-	-	-	-	-	-
24.5) Production Engineering	A		-	-	3.677	-	-	12.774	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 24) H0014 - sUSV Family of Systems			**-**	**-**	***152.566***	**-**	**-**	***321.500***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
25) RRL Force Protection																				
25.1) Multi-Use EOD Response Crafts(†)	A		-	-	-	-	-	-	-	-	-	541,000.00	2	1.082	-	-	-	541,000.00	2	1.082
Subtotal: 25) RRL Force Protection			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***1.082***	**-**	**-**	**-**	**-**	**-**	***1.082***

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	**P-1 Line Item Number / Title:** 1210 / Standard Boats	**Aggregated Items Title:** Standard Boats

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Total			-	-	**1,306.265**	-	-	**447.298**	-	-	**82.086**	-	-	**97.746**	-	-	-	-	-	**97.746**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Footnotes:

(1) The increase in quantity is to replace the backlog of craft that are beyond economical repair and are past their established service life.

(2) The increase in quantity is to replace the backlog of craft that are beyond economical repair and are past their established service life.

(3) The increase in quantity is to replace the backlog of craft that are beyond economical repair and are past their established service life.

(4) The increase in quantity is to replace the backlog of craft that are beyond economical repair and are past their established service life.

(5) The increase in quantity is to replace the backlog of craft that are beyond economical repair and are past their established service life.

(6) The increase in quantity is to replace the backlog of craft that are beyond economical repair and are past their established service life.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	P-1 Line Item Number / Title: 1210 / Standard Boats	Aggregated Items: Standard Boats

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1) H0001 - Base Operating Forces												
1.2) CNIC Force Protection (Small)		2025	MetalCraft / Watertown, NY	C / IDIQ	NAVSEA	Nov 2024	Mar 2026	11	484,666.67	N		
1.3) CNIC Force Protection (Medium) (1)		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	Jan 2027	6	565,111.11	N		
1.3) CNIC Force Protection (Medium) (1)		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Jan 2028	20	576,000.00	N		
1.4) CNIC Force Protection (Large)		2025	MetalCraft / Watertown, NY	C / IDIQ	NAVSEA	Nov 2024	Apr 2026	5	1,001K	N		
1.5) CNIC Workboat (Medium)		2025	Snow & Company / Seattle, WA	C / IDIQ	NAVSEA	Mar 2025	Mar 2026	3	1,094K	N		
1.5) CNIC Workboat (Medium)		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	Apr 2027	2	1,116K	N		
1.5) CNIC Workboat (Medium)		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Apr 2028	1	1,138K	N		
1.7) Arizona Memorial Ferry (2)		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	Jun 2027	1	2,000K	N		
1.8) Utility Boats (3)		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	May 2027	1	168,000.00	N		
1.8) Utility Boats (3)		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Jun 2027	2	171,000.00	N		
2) H0002 - Amphibious Assault Ships												
2.1) 7M (24 ft) Rigid Inflatable Boat (RIB)		2025	Zodiac / Stevensville, MD	C / IDIQ	NAVSEA	Dec 2024	Oct 2025	4	346,750.00	N		
2.1) 7M (24 ft) Rigid Inflatable Boat (RIB)		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	Jan 2027	11	353,727.27	N		
2.1) 7M (24 ft) Rigid Inflatable Boat (RIB)		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Jan 2028	9	361,000.00	N		
2.2) 11M (36 ft) RIB		2025	RIBCRAFT / Marblehead, MA	C / IDIQ	NAVSEA	Jul 2025	Mar 2027	3	1,173K	N		
2.2) 11M (36 ft) RIB		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	Mar 2027	3	1,196K	N		
2.2) 11M (36 ft) RIB		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Mar 2028	3	1,220K	N		
3) H0003 - Explosive Ordnance Forces												
3.1) EOD Support Craft RIB		2025	USMI / Gulfport, MS	C / IDIQ	NAVSEA	Mar 2025	Mar 2026	24	866,722.22	N		
3.1) EOD Support Craft RIB		2026	USMI / Gulfport, MS	C / IDIQ	NAVSEA	Dec 2025	Dec 2026	8	884,000.00	N		
3.1) EOD Support Craft RIB		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Apr 2028	8	902,000.00	N		
3.2) 11M EOD RIB		2023	RIBCRAFT / Marblehead, MA	C / IDIQ	NAVSEA	Sep 2023	May 2026	4	1,518K	N		
4) H0004 - Naval Special Warfare												
4.1) NSW Long Range Support Craft		2025	Silverships / Theodore, AL	C / IDIQ	NAVSEA	Feb 2025	Feb 2026	10	397,333.33	N		
4.1) NSW Long Range Support Craft		2026	Silverships / Theodore, AL	C / IDIQ	NAVSEA	Jan 2026	Jan 2027	10	405,333.33	N		
4.1) NSW Long Range Support Craft		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Dec 2027	9	413,000.00	N		

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	P-1 Line Item Number / Title: 1210 / Standard Boats	Aggregated Items: Standard Boats

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
4.2) NSW Short Range Support Craft		2025	Silverships / Theodore, AL	C / IDIQ	NAVSEA	Feb 2025	Feb 2026	34	395,117.65	N		
4.2) NSW Short Range Support Craft		2026	Silverships / Theodore, AL	C / IDIQ	NAVSEA	Jan 2026	Jan 2027	8	403,000.00	N		
4.2) NSW Short Range Support Craft		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Jan 2028	8	411,125.00	N		
5) H0005 - Riverine Activities												
5.1) 40PB [4]		2022	ReconCraft / Anchorage, AL	C / IDIQ	NAVSEA	Apr 2023	Apr 2026	3	3,440K	N		
5.1) 40PB [4]		2023	ReconCraft / Anchorage, AL	C / IDIQ	NAVSEA	Apr 2023	May 2026	2	3,578K	N		
5.1) 40PB [4]		2025	ReconCraft / Anchorage, AL	C / IDIQ	NAVSEA	Jun 2025	Mar 2027	1	4,410K	N		
5.1) 40PB [4]		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	May 2028	3	4,589K	N		
6) H0006 - Support Forces												
6.1) 7M (24 ft) RIB [5]		2025	RIBCRAFT / Marblehead, MA	C / IDIQ	NAVSEA	Jun 2025	Jul 2026	8	346,750.00	N		
6.1) 7M (24 ft) RIB [5]		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	Jan 2027	8	353,750.00	N		
6.1) 7M (24 ft) RIB [5]		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Jan 2028	68	361,000.00	N		
7) H0007 - Fleet Logistics Support												
7.1) 7M (24 ft) RIB		2025	RIBCRAFT / Marblehead, MA	C / IDIQ	NAVSEA	Jun 2025	Jul 2026	2	347,000.00	N		
7.1) 7M (24 ft) RIB		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	Jan 2027	2	353,500.00	N		
7.1) 7M (24 ft) RIB		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Jan 2028	2	361,000.00	N		
9) H0009 - Submarine Warfare												
9.1) Dive Boat Replacement		2023	Fraser Shipyards / Superior, WI	C / FFP	NAVSEA	Jun 2023	Nov 2025	1	3,021K	N		
9.1) Dive Boat Replacement		2025	St. Johns Shipbuilding / Palatka, FL	C / FFP	NAVSEA	May 2025	Dec 2026	2	3,144K	N		
9.1) Dive Boat Replacement		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	Jun 2027	2	4,500K	N		
9.1) Dive Boat Replacement		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Jun 2028	1	4,590K	N		
9.2) Range Support Craft		2027	TBD / TBD	C / FFP	NAVSEA	Jun 2027	Sep 2028	1	11,648K	N		
10) H0010 - Pollution Control Equipment												
10.1) Oilboom Platform		2025	MetalCraft / Watertown, NY	C / IDIQ	NAVSEA	Dec 2024	Nov 2025	4	225,250.00	N		
10.1) Oilboom Platform		2026	MetalCraft / Watertown, NY	C / IDIQ	NAVSEA	Jan 2026	Dec 2026	4	229,750.00	N		
10.1) Oilboom Platform		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	May 2028	3	234,250.00	N		
10.2) Utility Boats		2025	MetalCraft / Watertown, NY	C / IDIQ	NAVSEA	Dec 2024	Aug 2026	9	164,333.33	N		
10.2) Utility Boats		2026	MetalCraft / Watertown, NY	C / IDIQ	NAVSEA	Jan 2026	Dec 2026	9	167,666.67	N		
10.2) Utility Boats		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	May 2028	9	171,000.00	N		
10.3) Rapid Response Skimmer		2025	Lake Assault Boats / Superior, WI	C / IDIQ	NAVSEA	Nov 2024	Nov 2025	2	477,500.00	N		

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 12	P-1 Line Item Number / Title: 1210 / Standard Boats	Aggregated Items: Standard Boats

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
10.3) Rapid Response Skimmer		2026	Lake Assault Boats / Superior, WI	C / IDIQ	NAVSEA	Jan 2026	Jan 2027	2	487,000.00	N		
10.3) Rapid Response Skimmer		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Dec 2027	2	496,500.00	N		
12) H0012 - Training Activities												
12.1) 11M (36ft) RIB		2025	RIBCRAFT / Marblehead, MA	C / IDIQ	NAVSEA	Jul 2025	Sep 2026	1	1,173K	N		
12.1) 11M (36ft) RIB		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	Mar 2027	1	1,196K	N		
12.1) 11M (36ft) RIB		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Mar 2028	1	1,220K	N		
12.3) NSW SHORT RANGE SUPPORT CRAFT (6)		2027	TBD / TBD	C / IDIQ	NAVSEA	Jun 2027	Apr 2028	3	411,000.00	N		
17) H0CA7 - 40PB												
17.1) 40PB		2023	Gravois Aluminum Boats / Jeanerette, LA	C / IDIQ	NAVSEA	May 2024	Aug 2026	5	3,578K	N		
17.1) 40PB		2025	Gravois Aluminum Boats / Jeanerette, LA	C / IDIQ	NAVSEA	Jun 2025	Sep 2026	4	4,410K	N		
17.1) 40PB		2026	TBD / TBD	C / IDIQ	NAVSEA	Jun 2026	Aug 2027	6	4,499K	N		
22) Ukraine Presidential Drawdown Authority (PDA)												
22.1) 40PB		2022	ReconCraft / Anchorage, AL	C / IDIQ	NAVSEA	Apr 2023	Oct 2025	18	3,440K	N		
22.5) CNIC Force Protection (Small)		2025	MetalCraft / Watertown, NY	C / IDIQ	NAVSEA	Apr 2025	Apr 2026	14	485,000.00	N		
22.6) 7M (24 ft) Rigid Inflatable Boat (RIB)		2025	RIBCRAFT / Marblehead, MA	C / IDIQ	NAVSEA	Jun 2025	Apr 2026	7	346,714.29	N		
22.7) 11M (36 ft) RIB		2025	RIBCRAFT / Marblehead, MA	C / IDIQ	NAVSEA	Jul 2025	Jul 2026	13	1,173K	N		
25) RRL Force Protection												
25.1) Multi-Use EOD Response Crafts		2027	TBD / NAVSEA	C / IDIQ	NAVSEA	Jun 2027	Apr 2028	2	541,000.00	N		

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 14: Production Facilities Equipment	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	1,544.832	209.304	394.998	492.100	0.000	492.100	196.985	264.408	306.076	292.112	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,544.832	209.304	394.998	492.100	0.000	492.100	196.985	264.408	306.076	292.112	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,544.832**	**209.304**	**394.998**	**492.100**	**0.000**	**492.100**	**196.985**	**264.408**	**306.076**	**292.112**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Thousands)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Operating Forces Industrial Plant Equipment (IPE) budget provides funding for capital equipment procurement in support of naval shipyards and Fleet I-level maintenance activities. These investments deliver modern, innovative equipment essential for maintaining submarines, aircraft carriers, and surface ships; and reducing dependence on outdated IPE, weight handling systems, and nuclear support infrastructure. By modernizing equipment infrastructure, these procurements enhance maintenance productivity and throughput, reduce costly rework, and help maintain cost and schedule performance across submarine, aircraft carrier, and surface ship availabilities.

The Capital Investment Program (CIP), a component of the Shipyard Infrastructure Optimization Program (SIOP), supports capital equipment modernization efforts at the four public naval shipyards and their detachments. This includes support for Virginia-Class repairs at Norfolk Naval Shipyard (NNSY), Portsmouth Naval Shipyard (PNSY), Puget Sound Naval Shipyard (PSNS & IMF), and Pearl Harbor Naval Shipyard (PHNSY & IMF). CIP includes providing equipment and machinery to increase the capacity of the Navy shipyards to maintain Virgina-class submarines and Ford-class carriers. Additionally, the Fleet Maintenance Investment Program (FMIP) funds capital equipment replacement and modernization at the U.S. Navy's regional maintenance centers and their detachments.

Cost Code KN443 supports the Enterprise Remote Monitoring (eRM) system. eRM is the Navy's Condition Based Maintenance Plus (CBM+) Program of Record supporting Distance Support, Sea Power 21, Ship Maintenance (SHIPMAIN), CBM and CBM + initiatives. It is a Commercial Off-The-Shelf (COTS) based system that reduces Total Ownership Costs (TOC), maintenance and operating costs of monitored equipment by ensuring maintenance is accomplished based upon evidence of need.

Condition Based Maintenance Plus (CBM+) is a maintenance optimization program that can generate significant benefits through maintenance program resets, maintenance effectiveness reviews, and active reliability centered maintenance (RCM) strategies at the program level. Employed as an enduring cross-life-cycle maintenance strategy, the program offers a technical solution to reduce maintenance burdens, increase operational availability and mission reliability of monitored systems, assists with identifying enterprise-wide cost avoidance, and will reduce overall life cycle costs.

The Integrated Condition Assessment System (ICAS) hardware and software aboard Surface Fleet hulls (FY25 and prior Cost Codes KN800 and KN900) transitioned into the FY26 and out eRM program cited above.

The FY 2026 spend plan amount for Other Procurement, Navy includes $394,998 thousand of discretionary and $390,600 thousand of mandatory (reconciliation) for a total of $785,598.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 14: Production Facilities Equipment	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / KN200: NAVY MARITIME MAINTENANCE ENTERPRISE SOLUTION SUSTAINMENT]: This funding supports the Navy Maritime Maintenance Enterprise Solution (NMMES), a strategic information technology investment that has standardized NAVSEA and Fleet ship maintenance functions ashore, controlling and managing all aspects of ship maintenance at the Naval Shipyards, Regional Maintenance Centers (RMCs), and Ship Repair Facilities. Depot and Intermediate Level maintenance business processes to schedule, execute, monitor, certify work, and pay employees at aircraft carrier, submarine, and ship maintenance activities are codified within the NMMES toolset. Additionally, NMMES is utilized to manage finance, supply, shop workflow, configuration management, environmental health & safety, quality assurance, up-line management reporting and other functions. NMMES standardizes and institutionalizes the Navy's ship and submarine maintenance business practice processes. These processes are fully embedded in the NMMES IT systems to gain efficiencies in the maintenance process. NMMES systems provide the functionality and processes to continually address the maintenance needs of the Fleet, and have a critical role in the efficient brokering, planning, material ordering, financial performance, and execution of shore maintenance. This sustainment funding will support procurement of commercial-off-the-shelf (COTS) hardware and software in support of NMMES IT applications.

[P40A / KN300: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP)]: This line provides funding for the SIOP Capital Investment Program (CIP) in support of the consolidated Naval Shipyard and Intermediate Maintenance Facilities (IMF) requirements at the four Naval Shipyards. Funds will be used for the procurement and execution of Class 3 & 4 plant and personal property projects to maintain, modernize and improve the infrastructure and industrial base at the Naval Shipyard/IMF activities. Funding will allow for the acquisition of equipment and procurement related to Automated Data Processing (ADP) Hardware/ Software necessary to perform the mission of repairing, conversion, and modernization of fleet ships and submarines in the most economical, efficient, environmentally sound and safe manner possible. Continued reliance on an aged capital equipment infrastructure increases submarine and aircraft carrier depot maintenance availability costs and places schedules at risk.

Budget year equipment requirements provided in this exhibit are based on current Shipyard priorities to best improve submarine and aircraft carrier availability execution within currently projected budget.

[P40A / 175 TON HEAVY LIFT PORTAL CRANE]: Portsmouth Naval Shipyard's (PNSY) acquisition of a 175-ton heavy lift portal crane under the Shipyard Infrastructure Optimization Program (SIOP) recapitalizes an aging asset that is in poor material condition, has exceeded its expected service life, and faces increasing challenges due to parts obsolescence. This new crane is essential to support critical-path weight-handling operations during submarine and aircraft carrier (CVN) nuclear defueling evolutions, tasks that cannot be performed by the shipyard's remaining lower-capacity portal cranes. It will also fulfill a broad range of depot-level maintenance lifting and handling requirements.

[P40A / REACTOR SERVICING COMPLEX]: Reactor Servicing Complexes (RSC), previously referred to as the Refueling Complexes, allow the Shipyards to support the Fleet's projected need for simultaneous Virginia Class depot level maintenance availabilities and concurrent 688 Class Refuelings. FY25 provided funding for the dock-side Reactor Access Enclosure (RAE) for the RSC at Portsmouth Naval Shipyard. FY26 provided funding for additional equipment within the Servicing Complex. Providing RSCs at Dry Docks is required to support the Shipyard's mission of submarine overhauls and refuelings into the future. The RSC is a freestanding piece of relocatable equipment that processes spent nuclear fuel. This equipment allows fuel to be safely removed from a submarine and packaged for transportation to a storage facility, via M-140 railcar. The in-dock equipment performs the reactor servicing operation of processing spent nuclear fuel from the submarine into a shielded container. The in-dock complex industrial processing equipment includes two support towers, a reactor access enclosure (RAE) bridge, an upper RAE, and passageways leading from the in-dock complex to the dockside passageway stair tower. The dockside equipment performs the reactor servicing operation of processing spent nuclear fuel from a shielded container into three M-140 railcars. The dockside complex industrial processing equipment typically includes a dockside railcar enclosure, an equipment storage/staging enclosure, a radiological material packaging enclosure, and an enclosed passageway and stair tower leading to the in-dock complex. Both the dockside complex and in-dock complex equipment require concrete foundations to safely support equipment operation. The foundations required for the dockside complex do not structurally change existing real property. The foundation is part of the necessary relocatable equipment because of the size, mass and function of the equipment.

[P40A / CONGRESSIONAL ADD - SUBMARINE SEISMIC CRADLES]: This Seismic Cradle Stability project is required to comply with NAVSEA 08 dry dock seismic requirements. In the event of a seismic event, the system will prevent the docked vessel from rolling over in the dry dock, thus significantly reducing the risk of ship damage and injury to personnel. FY24 funds cradle requirement at Puget Sound Naval Shipyard.

[P40A / CONGRESSIONAL ADD - OILY WASTE TREATMENT SYSTEM]: This project replaces an aged Oily Waste Treatment System at Puget Sound Naval Shipyard. This system is designed to remove oil and other containminants from wastewater produced by industrial and ship operations. The goal of this system is to ensure that the treated water meets environmental standards before being discharged or reused.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 14: Production Facilities Equipment	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / INDUSTRY 4.0 CAPABILITIES ASSET VISIBILITY MANAGEMENT (NADACS)]: As part of a SIOP initiative this project implements industry proven solutions to connect equipment for digital manufacturing, increase throughput, quality, report on machine health. Provides hardware (HW) & upgrades drivers for capable equipment, enabling connectivity to accept data electronically versus punching it in at the terminal or using a thumb drive and report on equipment operating status/machine health. Reduces time to transfer machining directions for components from the design loft to the plant equipment, increases first time quality, repeatability, and equipment health metrics. Current Project Scope: 4 NSYs, 150 pieces of equipment total. Initial project funded by the FY24 program. FY26 programs will fund refreshment projects providing new technology to improve reliability and add additional performance by expanding the Asset Visibility System to other areas of the shipyard.

[P40A / 60-TON CRANE SERVICE LIFE EXTENSION PROGRAM (SLEP)]: Service Life Extension Program (SLEP) will extend the lifespan of 5 existing 60-ton portal cranes at Norfolk Naval Shipyard (NNSY) and Puget Sound Naval Shipyard (PSNS & IMF). The SLEP involves a refurbishment process to replace aged parts with modern, more efficient parts and a certification process to ensure the portal cranes comply with current safety standards. The SLEPs provide performance and safety improvements at a lower cost than procuring new cranes.

[P40A / NAVY FOUNDRY AND PROPELLER CENTER (NFPC) IPE]: These funds are earmarked for the Navy Foundry and Propeller Center (NFPC) under the Capital Investment Program (CIP) line to support NFPC as a field activity aligned to Naval Sea Systems Command (NAVSEA) and Program Executive Office, Strategic Submarines, (PEO SSBN) starting in FY27. This funding will support the procurement of industrial plant equipment to maintain, modernize and improve the infrastructure at NFPC to support Virginia- and Columbia-class submarine construction.

[P40A / KN400: FLEET MAINTENANCE INVESTMENT PROGRAM]: Provides funding to support capital investments for the Regional Maintenance Centers (RMCs) including forward deployed RMCs; Trident Refit Facility, Kings Bay (TRF KB); Naval Submarine Support Facility, New London (NSSF NL); Navy Base Guam; and U.S. Naval Ship Repair Facility and Japan Regional Maintenance Center (SRF-JRMC). Funds will be used for the procurement and execution of personal property projects (including Industrial Plant Equipment greater than $350K) to maintain and modernize the ship maintenance industrial base).

[P40A / KN443: Condition Based Maintenance (CBM+ NAVSEA)]: Funds are provided to install integrated digital Condition Based Maintenance (CBM+) / Mission Readiness Systems aboard Navy Combatants.

[P40A / KN44A: Condition Based Maintenance (CBM+ NAVAIR)]: Funds are provided to install integrated digital Condition Based Maintenance (CBM+) / Mission Readiness Systems aboard Navy Combatants.

[P40A / Condition Based Maintenance (CBM+) (N4)]: Funds are provided to install integrated digital Condition Based Maintenance (CBM+) / Mission Readiness Systems aboard Navy Combatants.

[P40A / Condition Based Maintenance (CBM+) (N98)]: Funds are provided to install integrated digital Condition Based Maintenance (CBM+) / Mission Readiness Systems aboard Navy Combatants.

[P40A / KN800: INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS) AND ENTERPRISE REMOTE MONITORING (eRM) NEW INSTALL]: Procures all new installations of the Integrated Condition Assessment System (ICAS) and Enterprise Remote Monitoring (eRM) hardware and software aboard Surface Fleet hulls. New Installation include: ICAS/eRM workstation hardware (including Palm Pilot Portable Data Terminal (PDTs)), latest version of ICAS/eRM system software, Configuration Data Set (CDS) (including the implementation of developed enhancements), firewall (if applicable), remote monitoring utility (RMU), ILS and ship's force training. Manage contractor efforts, prepare installation plans, perform ship checks, procure material, oversee shipboard installation and Quality Assurance (QA), develop/implement CDS, install/test all software and CDSs, provide ship's force training.

[P40A / KN900: INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS) AND ENTERPRISE REMOTE MONITORING (eRM) TECH REFRESH]: Procures all technical refresh upgrades of the Integrated Condition Assessment System (ICAS) and Enterprise Remote Monitoring (eRM) hardware and software aboard Surface Fleet hulls. Upgrades will include: ICAS/eRM workstation hardware (including Palm Pilot Portable Data Terminal (PDTs)), latest version of ICAS/eRM system software, Configuration Data Set (CDS) groom (including the implementation of developed enhancements), firewall (if applicable), remote monitoring utility (RMU), and ship's force refresher training. Manage contractor efforts, prepare installation plans, perform ship checks, procure material, oversee shipboard installation and Quality Assurance (QA), develop/implement CDS updates, install/test all software and CDSs, provide ship's force training.

[P40A / KN975: PACOM PMTEC STUDIES]: Funds for Pacific Multi-Domain Training and Experimentation Capability (PMTEC) studies, Wargaming Analysis Capabilities, USINDOPACOM training and exercise network capabilities, PMTEC program management cell, and establishment of Exercise Experimentation Program and Joint Battle Problem. PMTEC is a joint initiative to integrate and improve elements of existing ranges, training areas and test facilities in the Pacific to provide a multi-domain test, training and experimentation capability. This capability will enable USINDOPACOM to strengthen the overall readiness and interoperability of U.S. forces across all domains and to test new warfighting concepts to improve joint force lethality. Live Fire Target Support, Joint Force Development and Design (JFDD)

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 14: Production Facilities Equipment	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Capability, Joint Deployable Exercise Control Cell (JDECC), Regional Joint Training Infrastructure and Theater Mobile Sensitive Compartmented Information Facility (SCIF). Build Defenses and Security Capability of Allies- Funding supports the continued Zero Trust (ZT) pilot for USINDOPACOM's Mission Partner Environment (MPE).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 14: Production Facilities Equipment	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	Operating Forces IPE	P-5a, P-21			- / 1,544.832	- / 209.304	- / 394.998	- / 492.100	- / -	- / 492.100
P-40	**Total Gross/Weapon System Cost**				**- / 1,544.832**	**- / 209.304**	**- / 394.998**	**- / 492.100**	**- / 0.000**	**- / 492.100**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY27 funding supports the following efforts:

KN200 NMMES requires $5.64 million to support the replacement of the COST application using S4/HANA SAP software. COST is the critical application that provides standardized, current, and accurate cost accounting data for all Naval Sea Systems Command (NAVSEA) ship maintenance activities. The existing COST application has reached end-of-life, operates on obsolete software components, and is increasingly expensive to maintain. A full system replacement is necessary to resolve sustainability issues, enhance support for current and future ship maintenance requirements, and enable expanded capabilities. This modernization effort is being executed under a time-sensitive Other Transaction Authority (OTA) Production contract. The objective is to transition from the legacy COST system to a modern platform that improves sustainability, enhances interface capabilities, reduces operational costs, aligns with updated ship maintenance business processes, and meets evolving Department of War (DoW) standards. (Note: "COST" is the name of the application and is not an acronym or abbreviation).

KN300 (CIP supporting SIOP) requires $170.868 million to support the procurement of capital equipment for naval shipyards and Fleet I-level maintenance activities. These investments enable the acquisition of modern, innovative equipment essential for maintaining submarines, aircraft carriers, and surface ships, reducing dependence on severely aged and obsolete industrial plant equipment (IPE), weight handling systems, and nuclear support infrastructure. Projects include, but are not limited to, the procurement of portal cranes, crawler cranes, mobile cranes, hydraulic test stands, pipe benders, plasma cutters, generators, bridge mills, and electronic security systems. The FY 2026 request for CIP included $134.356 million of discretionary funding, $186.0 million in the FY 2026 discretionary Congressional Add (labeled as CAKN3), and $273.0 million of mandatory funding for a total of $593.356 million.

KN400 Fleet Maintenance Investment Program requires funding of $27.483 million for the procurement of industrial equipment to replace and modernize the ship maintenance and repair abilities at regional maintenance centers. Projects include boring mills, test stands, lathes, and laser ablation units. The FY 2026 request for CIP included $29.214 million of discretionary funding for theses purposes.

KN443 Condition Based Maintenance (CBM+) requires funding of $12.292M focusing on Naval Sea Systems Command (NAVSEA) integration efforts.

KN44A & KN44B Condition Based Maintenance (CBM+) requires funding of $2.993M focusing on Naval Air Systems Command (NAVAIR) integration efforts.

KN975 PMTEC Studies requires $12.308 million to support efforts in the areas of warfare-gaming analysis and USINDOPACOM training and exercise network capabilities.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	**Aggregated Items Title:** Operating Forces IPE

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
1) KN200: NAVY MARITIME MAINTENANCE ENTERPRISE SOLUTION SUSTAINMENT																				
1.1) NAVY MARITIME MAINTENANCE ENTERPRISE SOLUTION SUSTAINMENT (1)	A		-	-	67.011	-	-	5.936	-	-	6.049	-	-	5.640	-	-	-	-	-	5.640
Subtotal: 1) KN200: NAVY MARITIME MAINTENANCE ENTERPRISE SOLUTION SUSTAINMENT			**-**	**-**	***67.011***	**-**	**-**	***5.936***	**-**	**-**	***6.049***	**-**	**-**	***5.640***	**-**	**-**	**-**	**-**	**-**	***5.640***
2) KN201: NAVY MARITIME MAINTENANCE ENTERPRISE SOLUTION TECHNICAL REFRESH (NMMES-TR)																				
2.1) NAVY MARITIME MAINTENANCE ENTERPRISE SOLUTION TECHNICAL REFRESH	A		1,221.000	1	1.221	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) KN201: NAVY MARITIME MAINTENANCE ENTERPRISE SOLUTION TECHNICAL REFRESH (NMMES-TR)			**-**	**-**	***1.221***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) KN300: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP) (2)																				
3.1) SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP)	A		-	-	945.067	-	-	-	-	-	42.133	-	-	91.072	-	-	-	-	-	91.072
3.2) 175 TON HEAVY LIFT PORTAL CRANE (3)(†)	A		47,625.000	4	190.500	49,664.000	1	49.664	49,673.000	1	49.673	51,200.000	1	51.200	-	-	-	51,200.000	1	51.200
3.3) PSNS RELOCATABLE WORK STRUCTURES	A		-	-	-	-	-	-	5,216.000	2	10.432	-	-	-	-	-	-	-	-	-
3.4) REACTOR SERVICING COMPLEX(†)	A		-	-	-	88,221.000	1	88.221	-	-	19.854	-	-	-	-	-	-	-	-	-
3.5) CONGRESSIONAL ADD - SUBMARINE SEISMIC CRADLES(†)	A		20,000.000	1	20.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6) CONGRESSIONAL ADD - OILY WASTE TREATMENT SYSTEM(†)	A		10,000.000	1	10.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.7) INDUSTRY 4.0 CAPABILITIES	A		-	-	46.000	-	-	-	-	-	12.264	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	**Aggregated Items Title:** Operating Forces IPE

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
ASSET VISIBILITY MANAGEMENT (NADACS)																				
3.8) 60-TON CRANE SERVICE LIFE EXTENSION PROGRAM (SLEP)	A		-	-	-	-	-	-	-	-	-	-	-	14.836	-	-	-	-	-	14.836
3.9) NAVY FOUNDRY AND PROPELLER CENTER (NFPC) IPE	A		-	-	-	-	-	-	-	-	-	-	-	13.760	-	-	-	-	-	13.760
Subtotal: 3) KN300: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP)			**-**	**-**	***1,211.567***	**-**	**-**	***137.885***	**-**	**-**	***134.356***	**-**	**-**	***170.868***	**-**	**-**	**-**	**-**	**-**	***170.868***
4) CAKN3: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP) CONGRESSIONAL ADD (4)																				
4.1) SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP) CONGRESSIONAL ADD	A		-	-	-	-	-	-	-	-	186.000	-	-	-	-	-	-	-	-	-
Subtotal: 4) CAKN3: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP) CONGRESSIONAL ADD			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***186.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5) KN400: FLEET MAINTENANCE INVESTMENT PROGRAM (5)																				
5.1) FLEET MAINTENANCE INVESTMENT PROGRAM	A		-	-	140.179	-	-	15.199	-	-	29.214	-	-	27.483	-	-	-	-	-	27.483
5.2) POWDER COAT SYSTEM(†)	A		-	-	-	14,275.000	1	14.275	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5) KN400: FLEET MAINTENANCE INVESTMENT PROGRAM			**-**	**-**	***140.179***	**-**	**-**	***29.474***	**-**	**-**	***29.214***	**-**	**-**	***27.483***	**-**	**-**	**-**	**-**	**-**	***27.483***
6) KN443: Condition Based Maintenance (CBM+ NAVSEA) (6)																				
6.1) Condition Based Maintenance (CBM+) (N4 0708020N)	A		-	-	-	-	-	1.600	-	-	1.804	-	-	1.704	-	-	-	-	-	1.704
6.2) Condition Based Maintenance (CBM+) (N4 0204228N)	A		-	-	-	-	-	-	-	-	5.949	-	-	10.578	-	-	-	-	-	10.578
6.3) Condition Based Maintenance (CBM+) (N96)	A		-	-	-	-	-	6.899	-	-	0.981	-	-	0.010	-	-	-	-	-	0.010
Subtotal: 6) KN443: Condition Based Maintenance (CBM+ NAVSEA)			**-**	**-**	***0.000***	**-**	**-**	***8.499***	**-**	**-**	***8.734***	**-**	**-**	***12.292***	**-**	**-**	**-**	**-**	**-**	***12.292***
7) KN44A: Condition Based Maintenance (CBM+ NAVAIR) (7)																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	**Aggregated Items Title:** Operating Forces IPE

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
7.1) Condition Based Maintenance (CBM+) (N4)	A		-	-	-	-	-	1.100	-	-	1.593	-	-	1.457	-	-	-	-	-	1.457
Subtotal: 7) KN44A: Condition Based Maintenance (CBM+ NAVAIR)			**-**	**-**	***0.000***	**-**	**-**	***1.100***	**-**	**-**	***1.593***	**-**	**-**	***1.457***	**-**	**-**	**-**	**-**	**-**	***1.457***
8) KN44B Condition Based Maintenance (CBM+) (N98)																				
8.1) Condition Based Maintenance (CBM+) (N98)	A		-	-	-	-	-	-	-	-	1.591	-	-	1.536	-	-	-	-	-	1.536
Subtotal: 8) KN44B Condition Based Maintenance (CBM+) (N98)			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***1.591***	**-**	**-**	***1.536***	**-**	**-**	**-**	**-**	**-**	***1.536***
9) KN504: SRF-JRMC Capital Investment Program																				
9.1) SRF-JRMC Capital Investment Program	A		-	-	10.251	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 9) KN504: SRF-JRMC Capital Investment Program			**-**	**-**	***10.251***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
10) KN507: SRF-JRMC Capital Investment Program																				
10.1) SRF-JRMC Capital Investment Program	A		-	-	17.635	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 10) KN507: SRF-JRMC Capital Investment Program			**-**	**-**	***17.635***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
11) KN800: INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS) AND ENTERPRISE REMOTE MONITORING (eR																				
11.1) INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS) AND eRM	A		-	-	54.598	-	-	9.907	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 11) KN800: INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS) AND ENTERPRISE REMOTE MONITORING (eR			**-**	**-**	***54.598***	**-**	**-**	***9.907***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
12) KN900: INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS) AND ENTERPRISE REMOTE MONITORING (eR																				
12.1) INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS) AND eRM	A		-	-	25.769	-	-	1.771	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 12) KN900: INTEGRATED CONDITION ASSESSMENT SYSTEM (ICAS) AND ENTERPRISE REMOTE MONITORING (eR			**-**	**-**	***25.769***	**-**	**-**	***1.771***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
13) KN970:Information Dominance PACOM																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	**Aggregated Items Title:** Operating Forces IPE

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)	Unit Cost ($ K)	Qty (Each)	Total Cost ($ M)
13.1) Coronavirus Aid, Relief and Economic Security PACOM	A		-	-	10.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 13) KN970:Information Dominance PACOM			**-**	**-**	***10.800***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
14) KN975: PACOM PMTEC STUDIES [8]																				
14.1) IPC MESH Network [9]	A		-	-	-	-	-	-	-	-	-	-	-	42.814	-	-	-	-	-	42.814
14.2) PMTEC Studies	A		-	-	5.801	-	-	14.732	-	-	27.461	-	-	12.308	-	-	-	-	-	12.308
Subtotal: 14) KN975: PACOM PMTEC STUDIES			**-**	**-**	***5.801***	**-**	**-**	***14.732***	**-**	**-**	***27.461***	**-**	**-**	***55.122***	**-**	**-**	**-**	**-**	**-**	***55.122***
15) INDOPACOM - Special Operations Command Pacific (SOCPAC) [10]																				
15.1) Theater MESH Network [11]	A		-	-	-	-	-	-	-	-	-	-	-	78.522	-	-	-	-	-	78.522
15.2) SO Prepositioned Stocks [12]	A		-	-	-	-	-	-	-	-	-	-	-	139.180	-	-	-	-	-	139.180
Subtotal: 15) INDOPACOM - Special Operations Command Pacific (SOCPAC)			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***217.702***	**-**	**-**	**-**	**-**	**-**	***217.702***
Total			**-**	**-**	**1,544.832**	**-**	**-**	**209.304**	**-**	**-**	**394.998**	**-**	**-**	**492.100**	**-**	**-**	**-**	**-**	**-**	**492.100**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Footnotes:

(1) Supports procurement of commercial-off-the-shelf (COTS) hardware and software (HW/SW) in support of NMMES Financial Tool Upgrades, including Maritime Systems Environment (MSE) and the Electronic Technical Work Document (eTWD) initiative. Provides required development, test, and cybersecurity toolsets; SW/HW required to bring RMCs into eTWD. Provides HW required to deploy mobility solutions assets at maintenance activities with corporate reporting capability. Increase also supports efforts to establish networks for Platform IT devices and relevant industrial equipment to address cybersecurity updates, patches, and SW installation.

(2) In FY 2026, mandatory funds in the amount of $273 million for "Navy depot and shipyard modernization" supported CIP as a part of the Shipyard Infrastructure Optimization Program (SIOP). These funds supported CIP in replacing and modernizing shipyard IPE.

(3) The quantities in FY 2026 and FY 2027 procure cranes for Portsmouth Naval Shipyard and completes the replacement of these cranes for all public naval shipyards.

(4) In FY 2026, discretionary funds in the amount of $186 million for "SIOP acceleration" added by Congress supported CIP as a part of the Shipyard Infrastructure Optimization Program (SIOP). These funds supported the procurement of new IPE and modernization of existing IPE.

(5) Funds will be used for the procurement and execution of personal property projects (including Industrial Plant Equipment greater than $350K) to maintain and modernize the ship maintenance industrial base.

(6) Condition Based Maintenance (CBM+) Enterprise Systems Shipboard Procurement and Installation]: Procures all new installations and technical refresh upgrades of the Integrated Condition Assessment System (ICAS) and Enterprise Remote Monitoring (eRM) hardware and software aboard Surface Fleet hulls. New Installation include: ICAS/eRM workstation hardware (including Palm Pilot Portable Data Terminal (PDTs)), latest version of ICAS/eRM system software, Configuration Data Set (CDS) (including the implementation of developed enhancements), firewall (if applicable), remote monitoring utility (RMU), ILS and ship's force training. Manage contractor efforts, prepare installation plans, perform ship checks, procure material, oversee shipboard installation and Quality Assurance (QA), develop/implement CDS, install/test all software and CDSs, provide ship's force training.

(7) Condition Based Maintenance Plus (CBM+) is a maintenance optimization program that can generate significant benefits through maintenance program resets, maintenance effectiveness reviews, and active reliability centered maintenance (RCM) strategies at the program level. Employed as an enduring cross-life-cycle maintenance strategy, the program offers a technical solution to reduce maintenance burdens, increase operational availability and mission reliability of monitored systems, assists with identifying enterprise-wide cost avoidance, and will reduce overall life cycle costs. As a function of the Rapid Sustainment Improvement Process (RSIP), the CBM+ system will be installed on three

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	**Aggregated Items Title:** Operating Forces IPE

to five surface combatants for selected shipboard equipment. Sensors for these systems will be defined, procured and installed. Further, the CBM+ system will be integrated with the Naval Maintenance, Repair, and Overhaul (N-MRO) suite of programs onboard ship to facilitate on ship and off ship monitoring.

(8) Funding in FY27 return to historical levels to maintain support to USINDOPACOM's mission.

(9) This one-time increase to accelerate critical program in the Department's highest priority theater. This investment directly aligns with the Secretary of War's mandate to modernize the Joint Force for strategic competition. It will procure expand essential operational capabilities, buying down significant risk and ensuring our forces can deter and, if necessary, prevail. Additional details are available at the appropriate classification level.

(10) SOCPAC Prepositioned Stocks

(11) This one-time increase to accelerate critical program in the Department's highest priority theater. This investment directly aligns with the Secretary of War's mandate to modernize the Joint Force for strategic competition. It will procure expand essential operational capabilities, buying down significant risk and ensuring our forces can deter and, if necessary, prevail. Additional details are available at the appropriate classification level.

(12) This one-time increase to accelerate critical program in the Department's highest priority theater. This investment directly aligns with the Secretary of War's mandate to modernize the Joint Force for strategic competition. It will procure expand essential operational capabilities, buying down significant risk and ensuring our forces can deter and, if necessary, prevail. Additional details are available at the appropriate classification level.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	P-1 Line Item Number / Title: 1445 / Operating Forces IPE	Aggregated Items: Operating Forces IPE

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($ K)	Specs Avail Now?	Date Revision Available	RFP Issue Date
3) KN300: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP)												
3.2) 175 TON HEAVY LIFT PORTAL CRANE (3)(†)		2020	Konecranes / New Berlin, WI	C / FFP	NAVFAC NCC	Dec 2019	Mar 2025	1	46,500.000	Y		
3.2) 175 TON HEAVY LIFT PORTAL CRANE (3)(†)		2021	Konecranes / New Berlin, WI	C / FFP	NAVFAC NCC	May 2021	Nov 2025	1	47,000.000	Y		
3.2) 175 TON HEAVY LIFT PORTAL CRANE (3)(†)		2022	Konecranes / New Berlin, WI	C / FFP	NAVFAC NCC	Feb 2022	Aug 2025	1	48,000.000	Y		
3.2) 175 TON HEAVY LIFT PORTAL CRANE (3)(†)		2023	Konecranes / New Berlin, WI	C / FFP	NAVFAC NCC	Mar 2023	Sep 2026	1	49,000.000	Y		
3.2) 175 TON HEAVY LIFT PORTAL CRANE (3)(†)		2025	Konecranes / New Berlin, WI	C / FFP	NAVFAC NCC	Dec 2024	Dec 2027	1	49,664.000	Y		
3.2) 175 TON HEAVY LIFT PORTAL CRANE (3)(†)		2026	Konecranes / New Berlin, WI	C / FFP	NAVFAC NCC	Dec 2025	Dec 2028	1	49,673.000	Y		Oct 2025
3.2) 175 TON HEAVY LIFT PORTAL CRANE (3)(†)		2027	Konecranes / New Berlin, WI	C / FFP	NAVFAC NCC	Dec 2026	Dec 2029	1	51,200.000	Y		
3.4) REACTOR SERVICING COMPLEX(†)		2025	TBD / TBD	C / TBD	NAVFAC	Mar 2025	Mar 2027	1	88,221.000	Y		Dec 2024
3.5) CONGRESSIONAL ADD - SUBMARINE SEISMIC CRADLES		2024	ELECTRIC BOAT / Groton, CT	C / TBD	NAVSEA HQ	Jul 2024	Jul 2025	1	20,000.000	Y		Jun 2024
3.6) CONGRESSIONAL ADD - OILY WASTE TREATMENT SYSTEM		2024	NAVFAC NW / TBD	C / TBD	NAVFAC Northwest	Aug 2024	Aug 2025	1	10,000.000	Y		Jun 2024
5) KN400: FLEET MAINTENANCE INVESTMENT PROGRAM												
5.2) POWDER COAT SYSTEM		2025	Automatic Coating Limited / Canada	C / FFP	DLA	Apr 2025	Apr 2027	1	14,275.000	Y		

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	P-1 Line Item Number / Title: 1445 / Operating Forces IPE	Aggregated Items: Operating Forces IPE

Items (Units in Each)							Fiscal Year 2020												Fiscal Year 2021												BALANCE
										Calendar Year 2020														Calendar Year 2021									
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2019	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3) KN300: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP)																															
3.2) 175 TON HEAVY LIFT PORTAL CRANE [3]																															
	3	2020	NAVY	1	0	1			A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	3	2021	NAVY	1	0	1																			A -	-	-	-	-	1
	3	2022	NAVY	1	0	1																								1
	3	2023	NAVY	1	0	1																								1
	3	2025	NAVY	1	0	1																								1
	3	2026	NAVY	1	0	1																								1
	3	2027	NAVY	1	0	1																								1
3.4) REACTOR SERVICING COMPLEX																															
	4	2025	NAVY	1	0	1																								1
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	P-1 Line Item Number / Title: 1445 / Operating Forces IPE	Aggregated Items: Operating Forces IPE

Items (Units in Each)							Fiscal Year 2022												Fiscal Year 2023											BALANCE
										Calendar Year 2022														Calendar Year 2023								
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2021	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3) KN300: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP)																														
3.2) 175 TON HEAVY LIFT PORTAL CRANE [3]																														
	3	2020	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	3	2021	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	3	2022	NAVY	1	0	1					A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	3	2023	NAVY	1	0	1																	A -	-	-	-	-	-	-	1
	3	2025	NAVY	1	0	1																								1
	3	2026	NAVY	1	0	1																								1
	3	2027	NAVY	1	0	1																								1
3.4) REACTOR SERVICING COMPLEX																														
	4	2025	NAVY	1	0	1																								1
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	P-1 Line Item Number / Title: 1445 / Operating Forces IPE	Aggregated Items: Operating Forces IPE

Items (Units in Each)							Fiscal Year 2024												Fiscal Year 2025											BALANCE
							Calendar Year 2024												Calendar Year 2025											
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3) KN300: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP)																														
3.2) 175 TON HEAVY LIFT PORTAL CRANE [3]																														
	3	2020	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1						0
	3	2021	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	3	2022	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1		0
	3	2023	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	3	2025	NAVY	1	0	1															A -	-	-	-	-	-	-	-	-	-	1
	3	2026	NAVY	1	0	1																									1
	3	2027	NAVY	1	0	1																									1
3.4) REACTOR SERVICING COMPLEX																														
	4	2025	NAVY	1	0	1																		A -	-	-	-	-	-	-	1
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	**Aggregated Items:** Operating Forces IPE

Items (Units in Each)							Fiscal Year 2026												Fiscal Year 2027												BALANCE
							Calendar Year 2026												Calendar Year 2027													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3) KN300: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP)																															
3.2) 175 TON HEAVY LIFT PORTAL CRANE [3]																															
	3	2020	NAVY	1	1	0																									0
	3	2021	NAVY	1	0	1	-	1																							0
	3	2022	NAVY	1	1	0																									0
	3	2023	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	1													0
	3	2025	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	3	2026	NAVY	1	0	1			A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	3	2027	NAVY	1	0	1															A -	-	-	-	-	-	-	-	-	-	1
3.4) REACTOR SERVICING COMPLEX																															
	4	2025	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1							0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	P-1 Line Item Number / Title: 1445 / Operating Forces IPE	Aggregated Items: Operating Forces IPE

Items (Units in Each)							Fiscal Year 2028												Fiscal Year 2029												BALANCE
							Calendar Year 2028												Calendar Year 2029													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2027	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3) KN300: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP)																															
3.2) 175 TON HEAVY LIFT PORTAL CRANE [3]																															
	3	2020	NAVY	1	1	0																									0
	3	2021	NAVY	1	1	0																									0
	3	2022	NAVY	1	1	0																									0
	3	2023	NAVY	1	1	0																									0
	3	2025	NAVY	1	0	1	-	-	1																						0
	3	2026	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1										0
	3	2027	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
3.4) REACTOR SERVICING COMPLEX																															
	4	2025	NAVY	1	1	0																									0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	**Aggregated Items:** Operating Forces IPE

Items (Units in Each)							Fiscal Year 2030												Fiscal Year 2031												BALANCE
										Calendar Year 2030														Calendar Year 2031									
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2029	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3) KN300: SHIPYARD CAPITAL INVESTMENT PROGRAM (CIP)																															
3.2) 175 TON HEAVY LIFT PORTAL CRANE [3]																															
	3	2020	NAVY	1	1	0																									0
	3	2021	NAVY	1	1	0																									0
	3	2022	NAVY	1	1	0																									0
	3	2023	NAVY	1	1	0																									0
	3	2025	NAVY	1	1	0																									0
	3	2026	NAVY	1	1	0																									0
	3	2027	NAVY	1	0	1	-	-	1																						0
3.4) REACTOR SERVICING COMPLEX																															
	4	2025	NAVY	1	1	0																									0

			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 14	**P-1 Line Item Number / Title:** 1445 / Operating Forces IPE	**Aggregated Items:** Operating Forces IPE

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Konecranes - New Berlin, WI			TBD	12	1	48	49	2	1	36	37
2	TBD - TBD			TBD	2	6	12	18	0	0	0	0

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: 443

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	751.996	56.103	38.880	30.565	0.000	30.565	28.758	28.845	29.535	30.118	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	751.996	56.103	38.880	30.565	0.000	30.565	28.758	28.845	29.535	30.118	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**751.996**	**56.103**	**38.880**	**30.565**	**0.000**	**30.565**	**28.758**	**28.845**	**29.535**	**30.118**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	12.369	-	-	-	-	1.146	0.546	1.183	1.094	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Littoral Combat Ship (LCS) focused mission packages provide the operational commander with capabilities to perform Mine Countermeasures (MCM) operations, and a Surface Warfare (SUW) detect-to-engage capability to counter small boat threats and aircraft such as drones. A Mission Package (MP) is a combination of warfare Mission Modules (MM) with specialized crew, support equipment, and vehicles, including embarked manned helicopters, unmanned aircraft and maritime systems. MMs are packaged in a modular fashion so that they can be quickly swapped in and out pier side on any LCS platform.

The Common Mission Modules Equipment line funds the procurement of MCM and SUW MP support containers and C5I equipment that is common across the mission packages (Mission Package Computing Environment (MPCE), Technology Refresh of the Multi-Vehicle Communications System (MVCS), Mission Package Consoles (MPC) and Training Equipment).

MCM and SUW support containers do not comprise a MP and are deployable only as part of a Mission Module (MM). A MM is deployable and capable of meeting its focused mission requirements on a LCS only when it includes the full complement of Common Mission Modules Equipment combined with all the required mission systems.

Other Related Budgets: BLIs: OPN 1601, OPN 1602, OPN 1603, OPN 4248, OPN 2622, OPN 2624, WPN 4221, WPN 4225, RDT&E 0603596N, SCN 2127

[P40A / LM008 - MPCE]: Commercial Off The Shelf (COTS)- Based Common Computing environment will support legacy Mission Package (MP) Command & Control (C2) applications and transition to Modular Open Systems Approach (MOSA) & Navy Open Architecture Computing Environment (OACE). It also provides a common computing environment to support the execution of Mission Package Application Software (MPAS), the shipboard tactical software associated with each mission package that enables execution of its focused mission. Includes installation and checkout on-board the seaframe. In addition, Mission Package Portable Control Stations (MPPCS) are required to support pre-deployment checkouts, to support shore-based and vessels of opportunity operations of mission packages and off-board vehicles.

[P40A / MPCE 2.X]: MPCE 2.X improves data extraction, data encryption, cybersecurity enhancements, and virtualization capabilities needed for all Mission Packages (MPs). MPCE 2.X baseline was split to support the evolution of different versions of the LCS. MPCE v2.0 for LCS Lethality and Survivability and MPCE v2.1 for non-Lethality and Survivability hulls.

[P40A / LM012 - TRAINING EQUIPMENT]: Procurement of LCS Mission Module training systems for LCS crews to learn the safe and effective use of Mission Package equipment (mission systems, support equipment, and support containers). LCS MM Training is planned for several training sites including the LCS Training Facility (LTFs) Pacific in San Diego, CA and LFT Atlantic in Mayport, FL for all MPs; the Surface Combat Systems Training Command (SCSTC) in Dam neck, VA for the SUW MP; and at the Mine Warfare Training Center (MWTC) in San Diego, CA for the MCM MP.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	P-1 Line Item Number / Title: 1600 / LCS Common Mission Modules Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: 443		

The LTFs provide tactical watch team training as well as crew certifications using Common Mission Package Trainers (CMPT) in combination with the Integrated Tactical Trainers (ITTs). The LTFs also provide full scale replications of LCS mission bays where launch, recovery, and handling procedures for LCS MM systems is taught and practiced. LCS MM training covers various functions including operations, maintenance, tactical employment, and hands-on skills to achieve the key performance parameter objective of Train to Qualify and Train to Certify. CMPTs are used to train individuals in a team environment (Train to Qualify) and are also used to certify watch teams (TYCOM Training for Certification) during off hull periods at LTF.

The LCS Integrated Tactical Trainer (ITT) uses the CMPT for mission package operations. Six CMPTs were procured and delivered from FY11-FY21to support three ITTs at LTF Mayport (LCS-1 configuration) and three ITTs at LTF San Diego (LCS-2 configuration). One ITT with CMPT in the LCS-1 configuration was decommissioned in FY 22 following decisions to reduce the overall training requirements.

Full MCM and SUW integrated team training exists at LTF San Diego and full SUW capability in Mayport. MCM ITT functions with USV capability was procured in FY 2019 and delivered to each LTF in FY 2021. MCM USV with Mine Hunt capability as procured in FY 2022 for delivery to LTF Pacific and Mine Warfare Training Center in FY 2025.

MCM MP: All unmanned vehicles, sensors, and systems in support containers to demonstrate Launch & Recovery (L&R) and maintenance tasks. Training involves operations, maintenance, tactical employment and physical movement of all unmanned vehicles, sensors, and systems with their associated support containers. Surface Training Advanced Virtual Environment for LCS (STAVE-LCS) (virtual reality) is planned to allow team training LCS
Launch and Recovery of Unmanned Systems (USV and UUV) in FY 2024. Procurements are aligned to meet Fleet training throughput demands.

[P40A / LM015 - CONTAINERS (SHIPPING & SUPPORT)]: Each MP variant uses a base Support Container (SC) which is an International Organization for Standardization (ISO) compliant shipping container, and comes in two variants: Type I and Type II. The Type I container is a 20-foot ISO container with nominal dimensions of 20' x 8' x 8'. The Type II container is a 10-foot ISO container with nominal dimensions of 10' x 8' x 8'. In both cases the base SC is constructed of high strength steel or aluminum to reduce the overall weight and features a number of standard configuration items. Mission systems fit inside standard ten- or twenty-foot ISO SCs, or on ISO compliant flat racks and vehicle cradles. The LCS MP zones inside each seaframe mission bay are configured to accommodate the SCs.

[P40A / MCM SUPPORT CONTAINER]: Unit price for the MCM Support Containers is an average cost that does not reflect the actual cost of each container. Individual containers for each of the different MCM mission systems have unique requirements and vary in cost. Support containers store all the tools, spares, peculiar support equipment (PSE), consumables and personal protection equipment (PPE) required to maintain and operate the MP systems while on LCS deployment.

[P40A / LM016 - MVCS]: The Multiple Vehicle Communications System (MVCS) provides the Littoral Combat Ship (LCS) Mission Modules with the capability to simultaneously communicate with multiple Unmanned Surface Vehicles (USVs) and surfaced Unmanned Undersea Vehicles (UUVs) by providing a common data link and network communication services. These services include both line of sight and satellite link establishment, link management, communications fail-safes, Emissions Control (EMCON) handling, encryption, data routing and protection, packet shaping, isolation via cross domain solution. Priority of Service (PoS), and automated communications system configuration. MVCS establishes a common interface for these services in the form of hardware and message definitions to maximize the usefulness of limited radio equipment onboard the LCS seaframe.

[P40A / LM017 - Mission Module Display Modernization]: The Mission Module Display Modernization mitigates console hardware obsolescence and provides monitor resolution required to support the Mission Package operations.

[P40A / LM900 - CONSULTING SERVICES]: Provides program management support, engineering and technical support, studies, analysis and evaluation on mission package systems.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: 443

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LCS MISSION MODULES	P-5a, P-21			- / 751.996	- / 56.103	- / 38.880	- / 30.565	- / -	- / 30.565
P-40	**Total Gross/Weapon System Cost**				**- / 751.996**	**- / 56.103**	**- / 38.880**	**- / 30.565**	**- / 0.000**	**- / 30.565**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:

FY 2027 funding in LM008 (MPCE) supports the continued technology refresh of the MPCE. In FY 2027, the program continues the procurement of MPCE 2.X (MPCE 2.0 for Lethality and Survivability (L&S) and MPCE 2.1 for Non-L&S hulls) to address obsolescence, cyber security enhancements, and performance improvements in the MPCE baseline. Also, MPCE 2.X improves data extraction, data encryption, and virtualization capabilities which reduces the rack space needed for Post Mission Analysis (PMA) for all Mission Packages (MPs). 2.X baseline also includes upgraded graphics cards to support MM OBT capabilities.

LM012 CMPT/MPTS Tech Refresh/Modernization: Funds the technology refresh of five CMPTs at the LCS Training Facilities (LTFs) in San Diego, CA / Mayport, FL. CMPT tech refreshes support the operation of MPCE version 2.0 software requirements. This line also supports technology refresh for the Mission Package Training System in LTF Atlantic in Mayport, which delivers SUW Mission Package and Surface-to-Surface Missile Module operations training.

LM015 supports the procurement of MCM Support Containers required to outfit LCS MCM configured Ships. Support containers are deployed on the ship with an embarked MP to store spares, tools, support equipment, and consumables required to maintain and operate the mission system and aircraft when deployed.

LM016 (MVCS) supports procurement of MVCS Tech Refresh equipment including beyond-line-of-sight communications, software defined radio, anti-jamming capabilities, and Cross Domain Solution hardware to meet National Security Agency (NSA) mandated security requirements.

LM017 (MP Console Obsolescence) The LCS Mission Package Consoles are a common console used by all of the LCS Mission Packages. Current consoles are provided as permanently installed equipment by the LCS seaframe vendor. The seven Mission Package consoles provide an interface for MP sailors to operate the mission package tactical software and conduct MP operations. The current Mission Package consoles are no longer supportable due to lack of available COTS parts. In addition to obsolescence, the tech refresh consoles will provide additional capability required by the MCM MP to conduct post mission analysis, display resolution and CPU processing that the existing consoles do not support.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment	**Aggregated Items Title:** LCS MISSION MODULES

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) LM001 - MCM Mission Package																				
1.1) USV	A		-	-	1.725	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) USV - SWEEP	A		-	-	2.410	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) RMMV	A		-	-	17.008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) RMMV CRADLE	A		7,604K	2	15.208	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) AMNS	A		4,272K	4	17.090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) ALMDS	A		6,622K	3	19.867	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) AN/AQS-20A	A		8,769K	3	26.307	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) COBRA	A		7,792K	1	7.792	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.9) MCM SUPPORT CONTAINERS	A		1,547K	15	23.203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.10) SUPPORT EQUIPMENT	A		-	-	9.804	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.11) PRODUCTION ENGINEERING SUPPORT	A		-	-	10.153	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.12) MCM INCREMENTAL WHOLENESS - AQS-20A	A		5,773K	1	5.773	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) LM001 - MCM Mission Package			**-**	**-**	***156.340***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) LM002 - ASW MISSION PACKAGE																				
2.1) ASW MISSION PACKAGE	A		-	-	17.008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) LM002 - ASW MISSION PACKAGE			**-**	**-**	***17.008***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) LM003 - SUW MISSION PACKAGE																				
3.1) GUN MODULE	A		4,206K	6	25.237	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) SUW SHIPPING CONTAINER	A		144,833.33	6	0.869	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) SUW SUPPORT CONTAINER	A		980,250.00	4	3.921	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) SURFACE-TO-SURFACE MISSILE MODULE	A		-	-	2.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5) PRODUCTION ENGINEERING	A		-	-	2.013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) LM003 - SUW MISSION PACKAGE			**-**	**-**	***34.440***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) LM005 - OBSOLESENCE MISSION MODULE ECPs																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment	**Aggregated Items Title:** LCS MISSION MODULES

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
4.1) ENGINEERING CHANGE PROPOSALS	A		-	-	22.558	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) LCS MISSION MODULES RADIO	A		1,540K	8	12.316	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) PRODUCTION ENGINEERING	A		-	-	1.436	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) LM005 - OBSOLESENCE MISSION MODULE ECPs			**-**	**-**	***36.310***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5) LM007 - C-HAWKLINK SUPPORT EQUIPMENT																				
5.1) C-HAWKLINK SUPPORT EQUIPMENT	A		-	-	5.885	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5) LM007 - C-HAWKLINK SUPPORT EQUIPMENT			**-**	**-**	***5.885***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
6) LM008 - MPCE																				
6.1) Mission Package Portable Control Station	A		1,618K	2	3.237	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) MPPCS Computing Hardware Tech Refresh(†)	A		886,500.00	6	5.319	-	-	-	-	-	0.700	-	-	0.700	-	-	-	-	-	0.700
6.3) MPCE Hardware	A		742,162.16	37	27.460	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.4) MPCE 2.X (1)(†)	A		868,833.33	6	5.213	897,865.00	6	5.387	916,000.00	6	5.496	801,500.00	4	3.206	-	-	-	801,500.00	4	3.206
6.5) MPCE Tech Refresh(†)	A		736,609.76	41	30.201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.6) MPCE Sonar Signal Processing System (SSPS)	A		2,261K	4	9.043	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.7) MPCE SSPS Tech Refresh NRE	A		-	-	6.741	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.8) PRODUCTION ENGINEERING	A		-	-	7.946	-	-	1.327	-	-	0.484	-	-	0.377	-	-	-	-	-	0.377
Subtotal: 6) LM008 - MPCE			**-**	**-**	***95.160***	**-**	**-**	***6.714***	**-**	**-**	***6.680***	**-**	**-**	***4.283***	**-**	**-**	**-**	**-**	**-**	***4.283***
7) LM009 - DATA MISSION PAYLOAD																				
7.1) DATA MISSION PAYLOAD	A		5,391K	2	10.782	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.2) PRODUCTION ENGINEERING	A		-	-	1.638	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 7) LM009 - DATA MISSION PAYLOAD			**-**	**-**	***12.420***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
8) LM010 - MISSION PACKAGE INTEGRATION																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment	**Aggregated Items Title:** LCS MISSION MODULES

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
8.1) MISSION PACKAGE PRODUCTION ENGINEERING & ASSEMBLY	A		-	-	16.422	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 8) LM010 - MISSION PACKAGE INTEGRATION			**-**	**-**	***16.422***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
9) LM012 - TRAINING EQUIPMENT																				
9.1) COMMON MISSION PACKAGE TRAINER (CMPT)	A		3,468K	5	17.340	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.2) CMPT MPTS Tech Refresh/ Modernization (2)	A		-	-	20.533	-	-	1.694	-	-	1.728	-	-	1.762	-	-	-	-	-	1.762
9.3) MISSION PACKAGE TRAINING SYSTEM (MPTS)	A		-	-	0.993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.4) MK-50 GUN WEAPON SYSTEM TTE	A		3,890K	1	3.890	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.5) MCM MM On Board Trainer (OBT) (3)	A		-	-	-	-	-	6.000	-	-	-	-	-	-	-	-	-	-	-	-
9.6) MISSION BAY TRAINING DEVICES - MCM	A		-	-	56.985	-	-	4.506	-	-	4.758	-	-	4.337	-	-	-	-	-	4.337
9.7) MISSION BAY TRAINING DEVICES - MCM Support Containers	A		-	-	4.703	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.8) MISSION BAY TRAINING DEVICES - SUW	A		-	-	0.912	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 9) LM012 - TRAINING EQUIPMENT			**-**	**-**	***105.356***	**-**	**-**	***12.200***	**-**	**-**	***6.486***	**-**	**-**	***6.099***	**-**	**-**	**-**	**-**	**-**	***6.099***
10) LM013 - MARITIME SECURITY MODULE																				
10.1) MARITIME SECURITY MODULE	A		7,701K	2	15.402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.2) PRODUCTION ENGINEERING	A		-	-	1.279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 10) LM013 - MARITIME SECURITY MODULE			**-**	**-**	***16.681***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
11) LM015 - CONTAINERS (SHIPPING & SUPPORT)																				
11.1) MCM SUPPORT CONTAINER(†)	A		1,569K	76	119.216	1,863K	9	16.766	1,905K	6	11.432	1,911K	4	7.646	-	-	-	1,911K	4	7.646

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment	**Aggregated Items Title:** LCS MISSION MODULES

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
11.2) SUW SUPPORT CONTAINER	A		474,434.78	46	21.824	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.3) SUW SHIPPING CONTAINER	A		178,875.00	24	4.293	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.4) LCS BERTHING CONTAINERS	A		-	-	-	-	-	4.900	-	-	-	-	-	1.370	-	-	-	-	-	1.370
11.5) PRODUCTION ENGINEERING	A		-	-	26.784	-	-	0.955	-	-	1.582	-	-	0.573	-	-	-	-	-	0.573
Subtotal: 11) LM015 - CONTAINERS (SHIPPING & SUPPORT)			**-**	**-**	***172.117***	**-**	**-**	***22.621***	**-**	**-**	***13.014***	**-**	**-**	***9.589***	**-**	**-**	**-**	**-**	**-**	***9.589***
12) LM016 - MVCS																				
12.1) Cyber Resilience	A		-	-	2.818	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.2) MVCS Tech Refresh [4]	A		-	-	30.791	1,157K	3	3.470	2,013K	3	6.039	2,272K	3	6.817	-	-	-	2,272K	3	6.817
12.3) Production Engineering	A		-	-	4.607	-	-	0.428	-	-	0.443	-	-	0.339	-	-	-	-	-	0.339
Subtotal: 12) LM016 - MVCS			**-**	**-**	***38.216***	**-**	**-**	***3.898***	**-**	**-**	***6.482***	**-**	**-**	***7.156***	**-**	**-**	**-**	**-**	**-**	***7.156***
13) LM017 - Mission Module Display Modernization																				
13.1) Mission Module Display Modernization (5)(†)	A		2,493K	12	29.918	2,402K	4	9.610	2,450K	2	4.901	2,407K	1	2.407	-	-	-	2,407K	1	2.407
13.2) Production Engineering	A		-	-	0.954	-	-	0.713	-	-	0.389	-	-	0.682	-	-	-	-	-	0.682
Subtotal: 13) LM017 - Mission Module Display Modernization			**-**	**-**	***30.872***	**-**	**-**	***10.323***	**-**	**-**	***5.290***	**-**	**-**	***3.089***	**-**	**-**	**-**	**-**	**-**	***3.089***
14) LM900 - CONSULTING SERVICES																				
14.1) CONSULTING SERVICES	A		-	-	14.769	-	-	0.347	-	-	0.928	-	-	0.349	-	-	-	-	-	0.349
Subtotal: 14) LM900 - CONSULTING SERVICES			**-**	**-**	***14.769***	**-**	**-**	***0.347***	**-**	**-**	***0.928***	**-**	**-**	***0.349***	**-**	**-**	**-**	**-**	**-**	***0.349***
Total			**-**	**-**	**751.996**	**-**	**-**	**56.103**	**-**	**-**	**38.880**	**-**	**-**	**30.565**	**-**	**-**	**-**	**-**	**-**	**30.565**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Footnotes:

(1) MPCE 2.X support both L&S (MPCE 2.0) and non-L&S (MPCE 2.1) hulls. MPCE 2.x is required to support planned LCS Lethality and Survivability updates and hardware obsolescence. Funding supports procurement of MPCE to remain in alignment with these updates and ensure future compatibility between LCS combat system and mission modules.

(2) Procure CMPT tech refresh for phased maintenance updates in alignment with Fleet configuration changes for installation and check-out with lethality and survivability upgrades to LCS Integrated Tactical Trainers at each LTF learning site.

(3) SLD-25 Decision requires On Board Trainer (OBT) to be established in order to accommodate change in CONOPS associated with a new Area of operations (Ao).

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment	**Aggregated Items Title:** LCS MISSION MODULES

(4) Cost and scope of MVCS Tech Refreshes varies each year based on the condition of the units that are being refreshed, as well as the components needed for each tech refresh kit due to different MVCS baselines and equipment (shipboard, lab, radios, etc.).

(5) Mission Module Display Modernization quantities and unit costs represent per shipset (7 consoles per shipset).

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1600 / LCS Common Mission Modules Equipment	Aggregated Items: LCS MISSION MODULES

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
6) LM008 - MPCE												
6.2) MPPCS Computing Hardware Tech Refresh		2023	Advance Acoustic Concept / New MFG - Loc	SS / FFP	NAVSEA	Sep 2023	Sep 2024	3	863,000.00	Y		
6.2) MPPCS Computing Hardware Tech Refresh		2024	Advance Acoustic Concept / New MFG - Loc	C / TBD	** NO PCO **	Oct 2023	Oct 2024	3	910,000.00	Y		
6.4) MPCE 2.X (1)(†)		2023	Advanced Acoustic Concept / Columbia, MD	SS / FFP	NAVSEA	Sep 2023	Sep 2024	4	863,000.00	Y		
6.4) MPCE 2.X (1)(†)		2024	Advanced Acoustic Concept / Columbia, MD	SS / FFP	NAVSEA	Jan 2024	Jan 2025	2	880,260.00	Y		
6.4) MPCE 2.X (1)(†)		2025	Advanced Acoustic Concept / Columbia, MD	SS / FFP	NAVSEA	Jan 2025	Jan 2026	6	897,865.00	Y		
6.4) MPCE 2.X (1)(†)		2026	Advanced Acoustic Concept / Columbia, MD	SS / FFP	NAVSEA	Jan 2026	Jan 2027	6	916,000.00	Y		
6.5) MPCE Tech Refresh		2023	Advanced Acoustic Concept / Columbia, MD	SS / FFP	NAVSEA	Sep 2023	Sep 2024	4	863,000.00	Y		
6.5) MPCE Tech Refresh		2024	Advanced Acoustic Concept / Columbia, MD	C / TBD	** NO PCO **	Oct 2023	Oct 2024	4	880,260.00	Y		
11) LM015 - CONTAINERS (SHIPPING & SUPPORT)												
11.1) MCM SUPPORT CONTAINER(†)		2023	NORTHROP GRUMMAN / BETHPAGE, NEW YORK	SS / FFP	NAVSEA	Sep 2023	Mar 2025	9	1,754K	Y		
11.1) MCM SUPPORT CONTAINER(†)		2024	NORTHROP GRUMMAN / BETHPAGE, NEW YORK	C / FFP	NAVSEA	Oct 2023	Apr 2025	8	1,694K	Y		
11.1) MCM SUPPORT CONTAINER(†)		2025	NORTHROP GRUMMAN / BETHPAGE, NEW YORK	C / FFP	NAVSEA	Oct 2024	Apr 2026	9	1,863K	Y		
11.1) MCM SUPPORT CONTAINER(†)		2026	TBD (New Contract) / TBD	C / FFP	NAVSEA	Oct 2026	Apr 2028	6	1,905K	Y		
11.1) MCM SUPPORT CONTAINER(†)		2027	TBD (New Contract) / TBD	C / TBD	NAVSEA	Oct 2026	Apr 2028	4	1,911K	N		
13) LM017 - Mission Module Display Modernization												
13.1) Mission Module Display Modernization (5)(†)		2023	NSWC PHD / Port Hueneme, CA	WR	** NO PCO **	Apr 2023	Apr 2024	7	2,310K	Y		
13.1) Mission Module Display Modernization (5)(†)		2024	NSWC PHD / Port Hueneme, CA	C / FFP	** NO PCO **	Apr 2024	Apr 2025	5	2,356K	Y		
13.1) Mission Module Display Modernization (5)(†)		2025	NSWC PHD / Port Hueneme, CA	C / FFP	** NO PCO **	Apr 2025	Apr 2026	4	2,402K	Y		
13.1) Mission Module Display Modernization (5)(†)		2026	NSWC PHD / Port Hueneme, CA	C / FFP	** NO PCO **	Apr 2026	Apr 2027	2	2,450K	Y		

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1600 / LCS Common Mission Modules Equipment	Aggregated Items: LCS MISSION MODULES

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
13.1) Mission Module Display Modernization (5)(†)		2027	NSWC PHD / Port Hueneme, CA	C / TBD	** NO PCO **	Oct 2026	Oct 2027	1	2,407K	N		

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment	**Aggregated Items:** LCS MISSION MODULES

Items (Units in Each)							Fiscal Year 2023												Fiscal Year 2024												
							Calendar Year 2023												Calendar Year 2024												
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	BALANCE
6) LM008 - MPCE																															
6.4) MPCE 2.X [1]																															
	5	2023	NAVY	4	0	4												A -	-	-	-	-	-	-	-	-	-	-	-	2	2
	5	2024	NAVY	2	0	2																A -	-	-	-	-	-	-	-	-	2
	5	2025	NAVY	6	0	6																									6
	5	2026	NAVY	6	0	6																									6
11) LM015 - CONTAINERS (SHIPPING & SUPPORT)																															
11.1) MCM SUPPORT CONTAINER																															
Prior Years Deliveries: 59																															
	6	2023	NAVY	9	0	9												A -	-	-	-	-	-	-	-	-	-	-	-	-	9
	6	2024	NAVY	8	0	8													A -	-	-	-	-	-	-	-	-	-	-	-	8
	6	2025	NAVY	9	0	9																									9
	7	2026	NAVY	6	0	6																									6
	7	2027	NAVY	4	0	4																									4
13) LM017 - Mission Module Display Modernization																															
13.1) Mission Module Display Modernization [5]																															
	8	2023	NAVY	7	0	7							A -	-	-	-	-	-	-	-	-	-	-	-	3	4					0
	8	2024	NAVY	5	0	5																			A -	-	-	-	-	-	5
	8	2025	NAVY	4	0	4																									4
	8	2026	NAVY	2	0	2																									2
	8	2027	NAVY	1	0	1																									1
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment	**Aggregated Items:** LCS MISSION MODULES

Items (Units in Each)							Fiscal Year 2025												Fiscal Year 2026											BALANCE
							Calendar Year 2025												Calendar Year 2026											
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
6) LM008 - MPCE																														
6.4) MPCE 2.X [1]																														
	5	2023	NAVY	4	2	2	2																							0
	5	2024	NAVY	2	0	2	-	-	-	2																				0
	5	2025	NAVY	6	0	6				A -	-	-	-	-	-	-	-	-	-	-	-	2	2	2						0
	5	2026	NAVY	6	0	6																A -	-	-	-	-	-	-	-	-	6
11) LM015 - CONTAINERS (SHIPPING & SUPPORT)																														
11.1) MCM SUPPORT CONTAINER																														
Prior Years Deliveries: 59																														
	6	2023	NAVY	9	0	9	-	-	-	-	-	5	3	1																0
	6	2024	NAVY	8	0	8	-	-	-	-	-	-	5	3																0
	6	2025	NAVY	9	0	9	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	1	0
	7	2026	NAVY	6	0	6																								6
	7	2027	NAVY	4	0	4																								4
13) LM017 - Mission Module Display Modernization																														
13.1) Mission Module Display Modernization [5]																														
	8	2023	NAVY	7	7	0																								0
	8	2024	NAVY	5	0	5	-	-	-	-	-	-	3	2																0
	8	2025	NAVY	4	0	4							A -	-	-	-	-	-	-	-	-	-	-	-	4					0
	8	2026	NAVY	2	0	2																			A -	-	-	-	-	-	2
	8	2027	NAVY	1	0	1																								1
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment	**Aggregated Items:** LCS MISSION MODULES

Items (Units in Each)							Fiscal Year 2027												Fiscal Year 2028												BALANCE
							Calendar Year 2027												Calendar Year 2028													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
6) LM008 - MPCE																															
6.4) MPCE 2.X [1]																															
	5	2023	NAVY	4	4	0																									0
	5	2024	NAVY	2	2	0																									0
	5	2025	NAVY	6	6	0																									0
	5	2026	NAVY	6	0	6	-	-	-	2	2	2																			0
11) LM015 - CONTAINERS (SHIPPING & SUPPORT)																															
11.1) MCM SUPPORT CONTAINER																															
Prior Years Deliveries: 59																															
	6	2023	NAVY	9	9	0																									0
	6	2024	NAVY	8	8	0																									0
	6	2025	NAVY	9	9	0																									0
	7	2026	NAVY	6	0	6	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	0
	7	2027	NAVY	4	0	4	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2					0
13) LM017 - Mission Module Display Modernization																															
13.1) Mission Module Display Modernization [5]																															
	8	2023	NAVY	7	7	0																									0
	8	2024	NAVY	5	5	0																									0
	8	2025	NAVY	4	4	0																									0
	8	2026	NAVY	2	0	2	-	-	-	-	-	-	2																		0
	8	2027	NAVY	1	0	1	A -	-	-	-	-	-	-	-	-	-	-	-	1												0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1600 / LCS Common Mission Modules Equipment	**Aggregated Items:** LCS MISSION MODULES

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Advanced Acoustic Concept - Columbia, MD	1	4	8	0	0	12	12	0	0	12	12
2	NORTHROP GRUMMAN - BETHPAGE, NEW YORK	1	7	20	3	3	18	21	3	3	18	21
3	TBD (New Contract) - TBD	1	7	20	3	3	18	21	3	3	18	21
4	NSWC PHD - Port Hueneme, CA	1	8	12	0	0	12	12	0	0	12	12

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1601 / LCS MCM Mission Modules

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0603596N
Line Item MDAP/MAIS Code: 000		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	768.590	118.247	91.372	65.113	0.000	65.113	57.335	52.034	52.999	53.894	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	768.590	118.247	91.372	65.113	0.000	65.113	57.335	52.034	52.999	53.894	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**768.590**	**118.247**	**91.372**	**65.113**	**0.000**	**65.113**	**57.335**	**52.034**	**52.999**	**53.894**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	3.846	-	13.847	-	13.847	11.404	2.383	23.313	35.357	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Littoral Combat Ship (LCS) Mine Countermeasures (MCM) Mission Package (MP) counters bottom, tethered, near surface, and surface mines in the littorals without putting Sailors in the minefield. When the MCM MP is embarked, LCS is capable of conducting detect-to-engage operations (hunting, sweeping, and neutralization) against shallow and deep-water sea mine threats. The MCM MP provides these capabilities through the use of sensors and weapons deployed from an embarked MH-60S multi-mission helicopter and unmanned offboard vehicles. MCM MP achieved Initial Operational Capability in 31MAR2023.

The embarked MH-60S employs the Organic Airborne Mine Countermeasures (OAMCM) systems to provide rapid and long range airborne detection and neutralization to clear operations in littoral zones, confined straits, choke points, and the Amphibious Operations Area (AOA) quickly. The Airborne Mine Neutralization (AMN) Module (MH-60S Helo + Airborne Mine Neutralization System) and Near Surface Detection (NSD) Module (MH-60S Helo + Airborne Laser Mine Detection System) achieved Initial Operational Capability (IOC) in FY 2017.

The Unmanned Minesweeping (UMS) Module is composed of the MCM Unmanned Surface Vehicle (USV) and Minesweeping Payload Delivery System (PDS) and Towed Acoustic Generator (TAG). The MCM USV and Minesweeping PDS was previously known as Unmanned Influence Sweeping System (UISS) which achieved Milestone C and is currently in Full Rate Initial Production (FRIP). The Remote Minehunting (RMH) Module consists of a PDS and a Towed Sonar which detects and identifies bottom and tethered mines. In FY 2020, the MCM USV established a mature Technical Data Package (TDP) and was used for the award of the Production contract in FY2022. The Unmanned Influence Sweep System (UISS) TDP is mature and is being leveraged to procure Minesweeping PDS in Q1FY2025. In FY 2022, the Minehunting PDS was procured via a sole source delivery order on the Raytheon IDIQ contract. A competitive production contract was awarded for future Minehunting PDS procurements in Q1 FY2025. The Mine Neutralization (MN) module will consist of the MCM USV with a near-surface mine neutralization payload, necessitating future procurement of MN PDSs.

The Buried Minehunting (BMH) Module (Knifefish Unmanned Undersea Vehicle) detects and identifies buried mines and mines in a high clutter environment. The program achieved Milestone C in FY 2019 and entered into Low Rate Initial Production (LRIP) for five (5) Block 0 systems in FY 2019. In FY 2021, prime contractor for Knifefish is General Dynamics Mission Systems (GDMS) located in Quincy, MA, was awarded a contract to retrofit the LRIP systems with Block 1 capabilities and upgrade a number of performance characteristics to meet Navy bottom and buried mine hunting requirements. The Navy will conduct a limited validation of these capabilities during system acceptance testing and sell off to the government in Q1-Q3FY24. Upon delivery of these systems to the Navy, they were available for limited Fleet operations from LCS or Vessels of Opportunity (VOO). In FY25, the systems were transferred to several S&T organizations for experimentation.

The MCM MP system procurements in this BLI are critical to deliver MCM MPs with the capability of the full detect-to-neutralize sequence and replace legacy MCM platforms.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1601 / LCS MCM Mission Modules	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0603596N
Line Item MDAP/MAIS Code: 000		

The MCM MP is deployable and capable of meeting its focused mission requirements on an LCS only when it includes the full complement of Common Mission Modules Equipment (Line Item Number 1600) and the full complement of mission systems that comprise each MCM Mission Package (Line Item Number 1601).

PMS 420 continues to partner with developmental agencies to explore potential new capabilities, including deep water for future integration into the broader MCM USV payload portfolio. Capability demonstrations planned by first quarter FY2027.

Other Related Budgets: BLIs: OPN 1600, RDT&E 0603596N, RDT&E 0604028N, RDT&E 0603502N, RDT&E 0604127N

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1601 / LCS MCM Mission Modules

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0603596N

Line Item MDAP/MAIS Code: 000

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	1 / LCS MCM Mission Packages	P-5a, P-21			- / 768.590	- / 118.247	- / 91.372	- / 65.113	- / 0.000	- / 65.113
P-40	**Total Gross/Weapon System Cost**				**- / 768.590**	**- / 118.247**	**- / 91.372**	**- / 65.113**	**- / 0.000**	**- / 65.113**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 funding includes the following mission systems and associated MP support equipment:

In FY 2027 the program will procure one MCM Unmanned Surface Vehicle (USV), one Minesweeping PDS, four Minehunting PDS, two AN/AQS-20C variable depth Minehunting Sonar and will procure MCM MP support equipment. Additionally, the program will implement Engineering Change Proposals (ECPs) on procured production MCM USVs and perform tech refreshes to address AQS-20C obsolescence. ECPs will also be implemented on both PDS's and Twin Boom Extensible Crane (TEBC). The support equipment includes; USV redesigned Surface Tow Cradles (STC-Rs), USV Stowage Cradles, LCS PMA Table Fixture Devices (TFD), and Peculiar Support Equipment (PSE) kit for USV and UISS.

All MCM assets procured support MCM configured ship deployments. System procurements include the limiting factors required to deliver MCM MPs with the full complement of systems needed to perform the detect-to-neutralize sequence. These systems are critical to complete delivery of MPs to replace legacy MCM platforms.

Note: The Remote Minehunting Module (RMH) contract is set to award in Q4 FY 2026 under the MC008 line. Option year 1 will award in FY 2027 which includes 2 RMHs (2 PDS + 2 Sonar).

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1601 / LCS MCM Mission Modules	**Item Number / Title [DODIC]:** 1 / LCS MCM Mission Packages
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	768.590	118.247	91.372	65.113	0.000	65.113
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	768.590	118.247	91.372	65.113	0.000	65.113
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**768.590**	**118.247**	**91.372**	**65.113**	**0.000**	**65.113**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	3.846	-	9.853	-	9.853
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Hardware - MC001 - UNMANNED MINESWEEPING (UMS) MODULE Cost																		
Recurring Cost																		
1.1.1) Minesweeping Payload Delivery System with Towed Acoustic Generator TAG(†)	2,637K	8	21.096	2,441K	1	2.441	4,112K	1	4.112	4,288K	1	4.288	-	-	-	4,288K	1	4.288
1.1.2) Electromagnetic Sweep Cables(†)	1,460K	5	7.302	1,802K	1	1.802	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	*28.398*	-	-	*4.243*	-	-	*4.112*	-	-	*4.288*	-	-	-	-	-	*4.288*
Subtotal: Hardware - MC001 - UNMANNED MINESWEEPING (UMS) MODULE Cost	**-**	**-**	***28.398***	**-**	**-**	***4.243***	**-**	**-**	***4.112***	**-**	**-**	***4.288***	**-**	**-**	**-**	**-**	**-**	***4.288***
Hardware - MC002 - MCM UNMANNED SURFACE VEHICLES Cost																		
Recurring Cost																		
2.1.1) MCM Unmanned Surface Vehicle (USV) Flyaway Costs(†) (1)	7,796K	16	124.729	5,970K	9	53.730	-	-	-	-	-	-	-	-	-	-	-	-
2.1.2) MCM USV ECPs	-	-	31.045	-	-	2.783	-	-	2.382	-	-	2.935	-	-	-	-	-	2.935
2.1.3) Cyber Security Upgrades	-	-	6.965	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.4) MCM USV Production ECP NRE	-	-	10.349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1601 / LCS MCM Mission Modules	Item Number / Title [DODIC]: 1 / LCS MCM Mission Packages
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.1.5) TBEC ECPs	-	-	2.200	-	-	2.400	-	-	6.000	-	-	4.800	-	-	-	-	-	4.800
Subtotal: Recurring Cost	-	-	*175.288*	-	-	*58.913*	-	-	*8.382*	-	-	*7.735*	-	-	-	-	-	*7.735*
Subtotal: Hardware - MC002 - MCM UNMANNED SURFACE VEHICLES Cost	**-**	**-**	***175.288***	**-**	**-**	***58.913***	**-**	**-**	***8.382***	**-**	**-**	***7.735***	**-**	**-**	**-**	**-**	**-**	***7.735***
Hardware - MC003 - ORGANIC AIRBORNE MINE COUNTERMEASURES (OAMCM) SYSTEMS Cost																		
Recurring Cost																		
3.1.1) AN/ASQ-235 Airborne Mine Neutralization System	4,266K	14	59.717	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.2) AN/AES-1 Airborne Laser Mine Detection System	10,638K	8	85.107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.3) AN/ASQ-235 AMNS Technology Refresh and Obsolescence Upgrades	-	-	8.976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.4) AN/AES-1 ALMDS Technology Refresh and Obsolescence Upgrades	-	-	10.586	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	*164.386*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - MC003 - ORGANIC AIRBORNE MINE COUNTERMEASURES (OAMCM) SYSTEMS Cost	**-**	**-**	***164.386***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Hardware - MC005 - BURIED MINEHUNTING MODULE Cost																		
Recurring Cost																		
4.1.1) KNIFEFISH	7,302K	2	14.604	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.2) Knifefish Retrofit Kits	4,791K	5	23.954	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.3) Knifefish Production NRE	-	-	6.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.4) Knifefish ECP	-	-	10.920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.5) Ancillary Equipment and Container Outfitting	4,198K	2	8.396	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.6) Steel BOA (replacement in kind)	-	-	4.600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
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ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Subtotal: Recurring Cost	-	-	*69.174*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - MC005 - BURIED MINEHUNTING MODULE Cost	**-**	**-**	***69.174***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Hardware - MC006 - MCM SUPPORT EQUIPMENT Cost																		
Recurring Cost																		
5.1.1) SUPPORT EQUIPMENT	-	-	67.874	-	-	14.734	-	-	15.424	-	-	8.920	-	-	-	-	-	8.920
Subtotal: Recurring Cost	-	-	*67.874*	-	-	*14.734*	-	-	*15.424*	-	-	*8.920*	-	-	-	-	-	*8.920*
Subtotal: Hardware - MC006 - MCM SUPPORT EQUIPMENT Cost	**-**	**-**	***67.874***	**-**	**-**	***14.734***	**-**	**-**	***15.424***	**-**	**-**	***8.920***	**-**	**-**	**-**	**-**	**-**	***8.920***
Hardware - MC008 - REMOTE MINEHUNTING MODULE Cost																		
Recurring Cost																		
6.1.1) Minehunting Payload Delivery System(†)	5,302K	8	42.414	3,161K	5	15.806	4,114K	2	8.227	4,196K	4	16.784	-	-	-	4,196K	4	16.784
6.1.2) AN/AQS-20C(†) (2)	6,660K	10	66.600	-	-	-	22,126K	2	44.251	10,465K	2	20.929	-	-	-	10,465K	2	20.929
6.1.3) AQS-20C Upgrades	7,131K	10	71.306	-	-	14.068	-	-	-	-	-	-	-	-	-	-	-	-
6.1.4) AQS-20C Obsolescence/ Technology Refresh (3)	-	-	7.333	-	-	3.000	-	-	3.649	-	-	2.602	-	-	-	-	-	2.602
Subtotal: Recurring Cost	-	-	*187.653*	-	-	*32.874*	-	-	*56.127*	-	-	*40.315*	-	-	-	-	-	*40.315*
Subtotal: Hardware - MC008 - REMOTE MINEHUNTING MODULE Cost	**-**	**-**	***187.653***	**-**	**-**	***32.874***	**-**	**-**	***56.127***	**-**	**-**	***40.315***	**-**	**-**	**-**	**-**	**-**	***40.315***
Support - MC900 - CONSULTING SERVICES Cost																		
7.1) CONSULTING SERVICES	-	-	18.430	-	-	1.887	-	-	1.920	-	-	1.205	-	-	-	-	-	1.205
Subtotal: Support - MC900 - CONSULTING SERVICES Cost	**-**	**-**	***18.430***	**-**	**-**	***1.887***	**-**	**-**	***1.920***	**-**	**-**	***1.205***	**-**	**-**	**-**	**-**	**-**	***1.205***
Support - PRODUCTION ENGINEERING Cost																		
8.1) MC001 - UNMANNED INFLUENCE MINE SWEEP	-	-	2.737	-	-	1.210	-	-	0.579	-	-	0.498	-	-	-	-	-	0.498

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
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ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
8.2) MC002 - MCM UNMANNED SURFACE VEHICLE (USV)	-	-	7.209	-	-	1.395	-	-	1.358	-	-	0.998	-	-	-	-	-	0.998
8.3) MC003 - ORGANIC AIRBORNE MINE COUNTERMEASURES (OAMCM)	-	-	22.743	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.4) MC004 - COASTAL MINE RECONNAISANCE MODULE	-	-	2.265	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.5) MC005 - BURIED MINEHUNTING MODULE	-	-	5.396	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.6) MC006 - MCM SUPPORT EQUIPMENT	-	-	8.053	-	-	0.842	-	-	0.752	-	-	0.400	-	-	-	-	-	0.400
8.7) MC008 REMOTE MINEHUNTING MODULE	-	-	8.984	-	-	2.149	-	-	2.718	-	-	0.754	-	-	-	-	-	0.754
Subtotal: Support - PRODUCTION ENGINEERING Cost	**-**	**-**	***57.387***	**-**	**-**	***5.596***	**-**	**-**	***5.407***	**-**	**-**	***2.650***	**-**	**-**	**-**	**-**	**-**	***2.650***
Gross/Weapon System Cost	**-**	**-**	**768.590**	**-**	**-**	**118.247**	**-**	**-**	**91.372**	**-**	**-**	**65.113**	**-**	**-**	**0.000**	**-**	**-**	**65.113**

Remarks:

[Hardware] MC001 - The Unmanned Minesweeping Module provides an unmanned surface, long endurance bottom sweep capability to clear large areas of mines that may remain after minehunting operations are complete or in areas of operation where minehunting is less feasible. The UMS Module cost element funds the procurement of the Minesweeping Payload Delivery System to include the magnetic sweep cable and acoustic MK-104 payload. The USVs are procured in the MC002 USVs cost element.

[Hardware] MC002 - There are two USVs per MCM MP which will be reconfigurable for sweep, hunt, and eventually neutralization missions. Four MCM USVs have been procured as Low Rate Initial Production (LRIP) units on the UISS contract. The program is incorporating engineering changes proposals (ECPs) kits to upgrade all previously procured UISS assets to the common configuration (enables sweep, hunt, and neutralization). In April 0f 2022, the program awarded a competitively sought contract to procure MCM USVs in the common configuration. All future procurements will be the common configuration.

[Hardware] MC006 - MCM SUPPORT EQUIPMENT]: Support equipment related to the individual modules and in support of the overall Mission Package.

[Hardware] MC008 - The Remote Minehunting (RMH) Module consists of a Payload Delivery System (PDS) for deploying and retrieving the minehunting sonar. The RMH Module cost element funds the procurement of the PDS and minehunting sonar payloads. The USVs are procured in the MC002 - USVs cost element. The Remote Minehunting Module (RMH) (PDS + Sonar) contract is set to award in Q4 FY26.

[Support Cost] MC900 - Provides program management support, engineering and technical support, studies, analysis and evaluation on mission module systems.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
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[Support Cost] Production Engineering is required in all years of procurement as well as 15-24 months after procurement to support continuing production efforts and fund acceptance testing in year of delivery.

(†) indicates the presence of a P-5a

Footnotes:

(1) Current funding profile does not support realistic contract award quantities or price per unit. Current MSR of QTY 4 for industry means that industry will either not bid to build 1 or 2 MCM USVs a year or the price of the USV will be significantly higher than what is in the FYDP, resulting in an inability to successfully procure sufficient MCM USVs for future MCM MPs. Unit costs for low-quantity orders have been scaled up ~20% based on existing contract stepladder pricing. The program currently explores a Multi-Mission Unmanned Surface Vehicle (MMUSV) as a lower-cost variant of the MCM USV to help alleviate challenges associated with current funding profile.

(2) NRE included in first two procurements, thus increasing unit costs. NRE is not applied to subsequent procurements. RMH funding award has shifted into Q4 FY26. Option year 1 will award in FY27 which includes 2 RMHs (2 PDS + 2 Sonar).

(3) Program changes from FY25 to FY27 funds upgrades to the AN/AQS-20-1 to -2 configuration to align to fielding schedule.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
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Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Minesweeping Payload Delivery System with Towed Acoustic Generator TAG(†)		2024	Textron / Hunt Valley, MD	C / FFP	NAVSEA	Oct 2024	Oct 2026	4	3,050K	Y		
1.1.1) Minesweeping Payload Delivery System with Towed Acoustic Generator TAG(†)		2025	Textron / Hunt Valley, MD	C / FFP	NAVSEA	Jan 2025	Jan 2027	1	2,441K	Y		
1.1.1) Minesweeping Payload Delivery System with Towed Acoustic Generator TAG(†)		2026	Textron / Hunt Valley, MD	C / FFP	NAVSEA	Jan 2026	Jan 2028	1	4,112K	Y		
1.1.1) Minesweeping Payload Delivery System with Towed Acoustic Generator TAG(†)		2027	Textron / Hunt Valley, MD	C / FFP	NAVSEA	Oct 2026	Oct 2028	1	4,288K	Y		
1.1.2) Electromagnetic Sweep Cables(†)		2024	Textron / Hunt Valley, MD	C / FFP	NAVSEA	Feb 2025	Jan 2026	1	1,802K	Y		
1.1.2) Electromagnetic Sweep Cables(†)		2025	Textron / Hunt Valley, MD	C / TBD	** NO PCO **	Feb 2025	Mar 2026	1	1,802K	Y		
2.1.1) MCM Unmanned Surface Vehicle (USV) Flyaway Costs(†)		2024	Bollinger Shipyards / Lockport, LA	C / FFP	NAVSEA	Dec 2023	Aug 2026	5	6,000K	Y		
2.1.1) MCM Unmanned Surface Vehicle (USV) Flyaway Costs(†)		2025	Bollinger Shipyards / Lockport, LA	C / FFP	NAVSEA	May 2025	May 2027	9	5,970K	Y		
6.1.1) Minehunting Payload Delivery System(†)		2023	Raytheon / Portmouth, RI	C / IDIQ	NAVSEA	Jun 2023	Feb 2026	2	3,876K	Y		
6.1.1) Minehunting Payload Delivery System(†)		2025	Raytheon / Portmouth, RI	C / FFP	NAVSEA	Nov 2024	Jul 2026	5	3,161K	Y		
6.1.1) Minehunting Payload Delivery System(†)		2026	Raytheon / Portmouth, RI	C / FFP	** NO PCO **	Jan 2026	Sep 2027	2	4,114K	Y		
6.1.1) Minehunting Payload Delivery System(†)		2027	Raytheon / Portmouth, RI	C / TBD	** NO PCO **	Oct 2026	Jun 2028	4	4,196K	N		
6.1.2) AN/AQS-20C(†)		2026	Manufacturer TBD / TBD	C / FFP	NAVSEA	Jul 2026	Jul 2028	2	22,126K	Y		
6.1.2) AN/AQS-20C(†)		2027	TBD / TBD	C / TBD	** NO PCO **	Oct 2026	Oct 2028	2	10,465K	N		

(†) indicates the presence of a P-21

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
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Cost Elements (Units in Each)							Fiscal Year 2023												Fiscal Year 2024												BALANCE
							Calendar Year 2023												Calendar Year 2024													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2022	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Minesweeping Payload Delivery System with Towed Acoustic Generator TAG																															
Prior Years Deliveries: 4																															
	1	2024	NAVY	4	0	4																									4
	1	2025	NAVY	1	0	1																									1
	1	2026	NAVY	1	0	1																									1
	1	2027	NAVY	1	0	1																									1
1.1.2) Electromagnetic Sweep Cables																															
Prior Years Deliveries: 4																															
	2	2024	NAVY	1	0	1																									1
	2	2025	NAVY	1	0	1																									1
2.1.1) MCM Unmanned Surface Vehicle (USV) Flyaway Costs [1]																															
Prior Years Deliveries: 11																															
	3	2024	NAVY	5	0	5															A	-	-	-	-	-	-	-	-	-	5
	3	2025	NAVY	9	0	9																									9
6.1.1) Minehunting Payload Delivery System																															
Prior Years Deliveries: 6																															
	4	2023	NAVY	2	0	2									A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	4	2025	NAVY	5	0	5																									5
	4	2026	NAVY	2	0	2																									2
	4	2027	NAVY	4	0	4																									4
6.1.2) AN/AQS-20C [2]																															
Prior Years Deliveries: 10																															
	6	2026	NAVY	2	0	2																									2
	5	2027	NAVY	2	0	2																									2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

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Cost Elements (Units in Each)							Fiscal Year 2025																Fiscal Year 2026										BALANCE
							Calendar Year 2025																Calendar Year 2026										
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2024	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Minesweeping Payload Delivery System with Towed Acoustic Generator TAG																																
Prior Years Deliveries: 4																																
	1	2024	NAVY	4	0	4	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	1	2025	NAVY	1	0	1				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
	1	2026	NAVY	1	0	1																A -	-	-	-	-	-	-	-	-	1
	1	2027	NAVY	1	0	1																										1
1.1.2) Electromagnetic Sweep Cables																																
Prior Years Deliveries: 4																																
	2	2024	NAVY	1	0	1					A -	-	-	-	-	-	-	-	-	-	-	1										0
	2	2025	NAVY	1	0	1					A -	-	-	-	-	-	-	-	-	-	-	-	-	1								0
2.1.1) MCM Unmanned Surface Vehicle (USV) Flyaway Costs [1]																																
Prior Years Deliveries: 11																																
	3	2024	NAVY	5	0	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3
	3	2025	NAVY	9	0	9								A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
6.1.1) Minehunting Payload Delivery System																																
Prior Years Deliveries: 6																																
	4	2023	NAVY	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2								0
	4	2025	NAVY	5	0	5		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	4
	4	2026	NAVY	2	0	2																A -	-	-	-	-	-	-	-	-	2
	4	2027	NAVY	4	0	4																										4
6.1.2) AN/AQS-20C [2]																																
Prior Years Deliveries: 10																																
	6	2026	NAVY	2	0	2																						A -	-	-	2
	5	2027	NAVY	2	0	2																										2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
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Cost Elements (Units in Each)							Fiscal Year 2027															Fiscal Year 2028										BALANCE
							Calendar Year 2027															Calendar Year 2028										
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Minesweeping Payload Delivery System with Towed Acoustic Generator TAG																															
Prior Years Deliveries: 4																															
	1	2024	NAVY	4	0	4	1	1	1	-	1																				0
	1	2025	NAVY	1	0	1	-	-	-	1																					0
	1	2026	NAVY	1	0	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1									0
	1	2027	NAVY	1	0	1	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
1.1.2) Electromagnetic Sweep Cables																															
Prior Years Deliveries: 4																															
	2	2024	NAVY	1	1	0																									0
	2	2025	NAVY	1	1	0																									0
2.1.1) MCM Unmanned Surface Vehicle (USV) Flyaway Costs [1]																															
Prior Years Deliveries: 11																															
	3	2024	NAVY	5	2	3	-	1	-	1	-	1																			0
	3	2025	NAVY	9	0	9	-	-	-	-	-	-	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	-	1	0
6.1.1) Minehunting Payload Delivery System																															
Prior Years Deliveries: 6																															
	4	2023	NAVY	2	2	0																									0
	4	2025	NAVY	5	1	4	-	1	1	2																					0
	4	2026	NAVY	2	0	2	-	-	-	-	-	-	-	-	-	-	-	2													0
	4	2027	NAVY	4	0	4	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2			0
6.1.2) AN/AQS-20C [2]																															
Prior Years Deliveries: 10																															
	6	2026	NAVY	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0
	5	2027	NAVY	2	0	2	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1601 / LCS MCM Mission Modules	Item Number / Title [DODIC]: 1 / LCS MCM Mission Packages

Cost Elements (Units in Each)							Fiscal Year 2029												Fiscal Year 2030												BALANCE
							Calendar Year 2029												Calendar Year 2030													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2028	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Minesweeping Payload Delivery System with Towed Acoustic Generator TAG																														
Prior Years Deliveries: 4																														
	1	2024	NAVY	4	4	0																								0
	1	2025	NAVY	1	1	0																								0
	1	2026	NAVY	1	1	0																								0
	1	2027	NAVY	1	0	1	1																							0
1.1.2) Electromagnetic Sweep Cables																														
Prior Years Deliveries: 4																														
	2	2024	NAVY	1	1	0																								0
	2	2025	NAVY	1	1	0																								0
2.1.1) MCM Unmanned Surface Vehicle (USV) Flyaway Costs [1]																														
Prior Years Deliveries: 11																														
	3	2024	NAVY	5	5	0																								0
	3	2025	NAVY	9	9	0																								0
6.1.1) Minehunting Payload Delivery System																														
Prior Years Deliveries: 6																														
	4	2023	NAVY	2	2	0																								0
	4	2025	NAVY	5	5	0																								0
	4	2026	NAVY	2	2	0																								0
	4	2027	NAVY	4	4	0																								0
6.1.2) AN/AQS-20C [2]																														
Prior Years Deliveries: 10																														
	6	2026	NAVY	2	2	0																								0
	5	2027	NAVY	2	0	2	1	-	1																					0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1601 / LCS MCM Mission Modules	**Item Number / Title [DODIC]:** 1 / LCS MCM Mission Packages

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Textron - Hunt Valley, MD	1	6	10	3	0	24	24	0	0	24	24
2	Textron - Hunt Valley, MD	2	4	8	0	0	11	11	0	0	13	13
3	Bollinger Shipyards - Lockport, LA	1	6	10	3	0	32	32	0	0	24	24
4	Raytheon - Portmouth, RI	1	6	10	3	0	12	12	0	0	20	20
5	TBD - TBD	2	3	8	3	0	24	24	3	0	24	24
6	Manufacturer TBD - TBD	2	3	8	3	0	24	24	3	0	24	24

"A" in the Delivery Schedule indicates the Contract Award Date.

Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1603 / LCS SUW Mission Modules

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: 000		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	203.720	11.101	3.790	1.719	0.000	1.719	2.587	3.326	3.509	3.578	0.710	234.040
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	203.720	11.101	3.790	1.719	0.000	1.719	2.587	3.326	3.509	3.578	0.710	234.040
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**203.720**	**11.101**	**3.790**	**1.719**	**0.000**	**1.719**	**2.587**	**3.326**	**3.509**	**3.578**	**0.710**	**234.040**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	4.587	-	-	-	4.587
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Surface Warfare (SUW) Mission Package (MP) provides Littoral Combat Ships (LCS) with increased firepower and offensive/defensive capabilities against large numbers of small manned and unmanned threats including fast attack craft, fast inshore attack craft, and aircraft, giving LCS the ability to protect the sea lanes and move a force quickly through a choke point or other strategic waterway.

The SUW MP is composed of the following modules: Surface-to-Surface Missile Module (SSMM), Gun Mission Module (GMM), Maritime Security Module (MSM), and an Aviation Module. The SSMM provides offensive firepower to engage enemy threats at close range. A recent capability upgrade allows the SSMM to counter aircraft like drones, extending defense in addition to fast attack and fast inshore attack craft. The SSMM is comprised 24 Longbow Hellfire Missiles, 12 MK210 Launchers, and supporting hardware. The GMM augments the ship's 57mm gun with two high-velocity 30mm cannons. The MSM supports the embarkation of Visit, Board, Search, and Seizure (VBSS) teams. The Aviation Module incorporates various unmanned aircraft for surveillance. The GMM, MSM, and initial Aviation Module (with the MH-60R/S) achieved Initial Operational Capability (IOC) in FY 2014. The SSMM achieved IOC in FY 2019.

For surveillance, the package aviation component has evolved. Initially, the package was first upgraded with the MQ-8B Fire Scout, a vertical take-off unmanned aerial vehicle (VTUAV) used for finding and identifying surface contacts. In FY24, because of the MQ-8B sunset, the Fleet invested in a contractor owned/contractor operated Aerosonde. The MK 4.7 Aerosonde, a fixed-wing unmanned aircraft that provides long-endurance Intelligence, Surveillance, and Reconnaissance (ISR) and is proven reliable for both land and sea operations. In FY26, the ScanEagle unmanned aircraft was added as a compatible asset, allowing it to be interchanged with the Aerosonde based on mission requirements.

The inventory objective of ten deployable SUW MP has been delivered to the Fleet. Fleet requirements for SSMM has been met with five (5) production assets. A SUW MP is considered deployable and capable of meeting its mission requirements on an LCS only when it includes the full complement of Common Mission Modules Equipment (Line Item Number 1600) and the mission systems composing the LCS SUW Mission Module (Line Item Number 1603).

[P40A / SU001 - GUN MODULE]: The Gun Mission Module (GMM) comprises two high velocity 30mm cannons to augment the ship's 57mm gun, and embarked support aircraft (MH-60R/S helicopter with Hellfire missile) for the detection, identification, and classification of surface contacts.

[P40A / Gun Module Modernization/Technology Refresh]: Procures modernized Gun Module Remote Control System (GMRCS) and Gun User Interface Device (GUID), each contain computational equipment (including critical MAGIC-1s and Maintenance Station laptops) that are end-of-life and can no longer be procured. The rugged small form factor MAGIC1 display computer combines state-of-the-art CPU technology with the latest graphics processing units (GPUs) to deliver unprecedented levels of performance for GMM video and non-video applications.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	P-1 Line Item Number / Title: 1603 / LCS SUW Mission Modules	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: 000		

[P40A / SU002 - SURFACE-TO-SURFACE MISSILE MODULE (SSMM)]: The SSMM provides the LCS ship, the ability to prosecute sea-based and shore-based threats in the littorals using surface-to-surface missiles. The SSMM uses the Army's Longbow Hellfire missile, which is currently in DOW inventory. The SSMM consists of 24 Longbow Hellfire Missiles, 12 MK210 Launchers, and supporting hardware. When combined, the SSMM is a launcher system with self-contained technical fire control, electronics, and software for remote operations. The missile design is capable of engaging Fast Attack Craft/Fast In-shore Attack Craft (FAC /FIAC) threats, thereby, providing the LCS a standoff engagement capability.

[P40A / SU003 - MARITIME SECURITY MODULE]: The Maritime Security Module (MSM) provides LCS with the capability to conduct Level II Visit, Board, Search and Seizure (VBSS) operations and the ability to conduct anti-piracy and maritime interdiction missions. This budget line procures hardware for a full MSM that includes two 11 meter Rigid Hull Inflatable Boats (RHIB), two boat cradles, a VBSS Allowance Equipment List (AEL) for communications and tactical equipment and support containers. Funding also includes production, assembly, installation and checkout of all mission system components.

[P40A / SU004 - SUW MP Obsolete/Tech Refresh]: Funding provides the replacement of obsolete Commercial off-the-Shelf (COTS) that require modernization including heating, ventilation, and air conditioning (HVAC) components, air flow sensor, thermal couple, signal conditioner, Freon detector etc. FY27 plans include upgrade of existing hatch and cover to resolve outstanding deficiencies. The full complement of GMMs and MSMs, and 5 SSMMs that are in service will face major obsolescence and sparing challenges if not funded.

[P40A / SU900 - CONSULTING SERVICES]: Provides program management support, engineering and technical support, studies, analysis and evaluation on mission module systems.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1603 / LCS SUW Mission Modules

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: 000

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)	Quantity / Total Cost (Each) / ($ M)
P-40a	LCS SUW Mission Packages				- / 203.720	- / 11.101	- / 3.790	- / 1.719	- / -	- / 1.719
P-40	**Total Gross/Weapon System Cost**				**- / 203.720**	**- / 11.101**	**- / 3.790**	**- / 1.719**	**- / 0.000**	**- / 1.719**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
In FY 2027, funding is requested for Surface-To-Surface Missile Module (SSMM) and SUW MP Obsolescence/Tech Refresh. These efforts fund modernization, sparing, and obsolescence/tech refresh requirements that are necessary to continue deploying the Navy's SUW MPs with ten GMM, ten MSM, and five SSMM.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1603 / LCS SUW Mission Modules	Aggregated Items Title: LCS SUW Mission Packages

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) SU001 - GUN MODULE																				
1.1) MK-50 Gun Module	A		3,735K	18	67.224	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) MK-46 Gun Weapon System	A		2,936K	16	46.975	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) Gun Module Modernization/ Technology Refresh	A		-	-	8.300	-	-	4.100	-	-	-	-	-	-	-	-	-	-	-	-
1.4) PRODUCTION ENGINEERING SUPPORT	A		-	-	11.754	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) SU001 - GUN MODULE			**-**	**-**	***134.253***	**-**	**-**	***4.100***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) SU002 - SURFACE-TO-SURFACE MISSILE MODULE (SSMM)																				
2.1) SURFACE-TO-SURFACE MISSILE MODULE	A		5,159K	5	25.794	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) SSMM ECPs [1]	A		-	-	10.635	-	-	3.400	-	-	1.700	-	-	-	-	-	-	-	-	-
2.3) SSMM Launcher Sets [2]	A		1,232K	5	6.160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) PRODUCTION ENGINEERING SUPPORT [3]	A		-	-	5.863	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) SU002 - SURFACE-TO-SURFACE MISSILE MODULE (SSMM)			**-**	**-**	***48.452***	**-**	**-**	***3.400***	**-**	**-**	***1.700***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) SU003 - MARITIME SECURITY MODULE																				
3.1) MARITIME SECURITY MODULE	A		1,125K	10	11.250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) PRODUCTION ENGINEERING	A		-	-	2.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) SU003 - MARITIME SECURITY MODULE			**-**	**-**	***13.252***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) SU004 - SUW MP Obsolete/Tech Refresh																				
4.1) Obsolescence and Technology Refresh [4]	A		-	-	2.483	-	-	3.601	-	-	1.922	-	-	1.568	-	-	-	-	-	1.568
Subtotal: 4) SU004 - SUW MP Obsolete/Tech Refresh			**-**	**-**	***2.483***	**-**	**-**	***3.601***	**-**	**-**	***1.922***	**-**	**-**	***1.568***	**-**	**-**	**-**	**-**	**-**	***1.568***
5) SU900 - CONSULTING SERVICES																				
5.1) CONSULTING SERVICES	A		-	-	5.280	-	-	-	-	-	0.168	-	-	0.151	-	-	-	-	-	0.151
Subtotal: 5) SU900 - CONSULTING SERVICES			**-**	**-**	***5.280***	**-**	**-**	**-**	**-**	**-**	***0.168***	**-**	**-**	***0.151***	**-**	**-**	**-**	**-**	**-**	***0.151***
Total			**-**	**-**	**203.720**	**-**	**-**	**11.101**	**-**	**-**	**3.790**	**-**	**-**	**1.719**	**-**	**-**	**-**	**-**	**-**	**1.719**

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1603 / LCS SUW Mission Modules	**Aggregated Items Title:** LCS SUW Mission Packages

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:

(1) Engineering Change Proposals (ECPs) support SSMM producibility changes in line with unit production. The decrease from FY26 to FY27 marks the completion of SSMM ECPs

(2) One SSMM Launcher Set comprises 12 MK 210 Missile Launchers.

(3) Production Engineering is required in all years of SSMM procurement as well as 24 months after procurement to fund factory acceptance testing in year of delivery.

(4) FY27 Plans include upgrade of existing hatch and cover to resolve outstanding deficiencies

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Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0603581N

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	646.070	188.254	189.458	315.272	0.000	315.272	330.883	265.337	279.241	277.495	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	646.070	188.254	189.458	315.272	0.000	315.272	330.883	265.337	279.241	277.495	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**646.070**	**188.254**	**189.458**	**315.272**	**0.000**	**315.272**	**330.883**	**265.337**	**279.241**	**277.495**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	12.101	10.607	4.165	3.867	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Modernization/maintenance efforts support Littoral Combat Ship (LCS) requirements to remain operational and meet mission needs. This line provides funding for ship changes and improvements related to mandatory safety, cyber security remediation, habitability, obsolescence, reliability, command and control, and communication modifications to maintain LCS operational availability and achieve ships' expected service life. Funding covers planned CNO availabilities and two years of planning costs and long lead time materials (LLTM) in advance of CNO availabilities. This line provides funds for the procurement, planning, installation design, and installation for Lethality and Survivability (L&S) modifications for both LCS variants (Independence and Freedom). L&S modifications seek to leverage existing Navy Program of Record systems allowing for more rapid implementation of holistic combat system enhancements. These modifications will improve displays, infrastructure, radar, tactical data link, cybersecurity, and navigation capabilities. L&S introduces commonality between LCS variants and other surface combatants leveraging common source libraries, Total Ship Computing Environment (TSCE), MK-20 Electro-Optical Surveillance System, Surface Electronic Warfare Improvement Program, Nulka, MK-160 Gun Computer System, Data Links (IND only), Mode 5 IFF (IND only) and Navigation systems. The use of Navy Standard systems improves capability, simplifies training, and decreases life cycle costs.

MT002 - LCS Class Design Improvements
This budget line covers the procurement and installation of a Combat Systems and C4I Condition Based Maintenance (CBM) System, designed to monitor and collect maintenance data then periodically transfer the data ashore via a Virtualized Data Transport System (VDTS) for analysis. The CBM equipment currently monitors performance of SPS-75 and SPS-77 Radars, MK-49 RAM, and MK-110 Gun, but the Program Office is researching the potential for other systems to be monitored.

MT003 - LCS Maintenance Modernization
This budget line funds back-fit, upgrade, and fact of life obsolescence changes on both Freedom and Independence Variant Littoral Combat Ships.
The Modernization construct is split out into 7 categories: Safety; Targeted Performance Enhancement; Obsolescence; Advanced Engineering Control System (AECS); Communication; Hull, Mechanical and Electrical (HM&E); and Navigation. These categories enable improved planning and tracking of ship changes as technology and mission evolve. The scope/requirements for maintenance modernization is dependent on hull availability, applicability, procurement timeline, and ship alteration maturity.

MT004 LCS Lethality and Survivability
Lethality and Survivability (L&S) funding provides for hardware procurement and installation of a common Combat Management System (CMS) comprised of Government Furnished Equipment (GFE), associated technical support data to upgrade existing contractor furnished equipment, and associated cybersecurity modifications that are back-fit onboard in-service LCS platforms. Funding also provides the non-recurring engineering development technical data packages and hardware and software packages necessary to integrate and test the common software baseline for LCS Class variants. Production and planning support

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	P-1 Line Item Number / Title: 1604 / LCS In-Service Modernization	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0603581N
Line Item MDAP/MAIS Code: N/A		

services for these upgrades are phased over a three (3) year span starting two (2) years prior to installation on a per hull basis, with installation accomplished during planned CNO Availabilities. L&S upgrades the following systems to GFE resulting in one combat system baseline with: Combat Management System: Gun (MK-20 Electro-Optical Surveillance System and Mk-160 Gun Fire Control System), Electronic Warfare Suite (Surface Electronic Warfare Improvement Program and MK-53 Nulka Decoy Launching System), Data Links (C2P), Mode 5 IFF (IFF AN/UPX-46), and Navigation Suite (NCDS, WSN-7/12, WSN-9, GPNTS, and ADAP).

MT005 LCS Combat System Modernization
Modernization of LCS Combat System hardware and software occurs through development and procurement of Engineering Change Proposals (ECPs) and associated Ship Change Documents (SCDs) not addressed by Lethality and Survivability (L&S) upgrades. CS Modernization covers obsolescence/diminishing manufacturing shortages, improved system performance, safety, cyber security, and the procurement of specialized test equipment. Procures initial outfitting spares for critical systems and subsystems unique to LCS class ships. Increases material availability, decreases maintenance turn-around times, and increases Operational Availability (Ao) at lower replacement costs.

The official schedule for CNO Availabilities is maintained in the NDE and updated by Commander Naval Surface Force Atlantic and Pacific schedulers. The CNO approved schedule for LCS Availabilities included in the requirements is as follows (as of 11 MARCH 2026):

CNO avails awards:
FY25: LCS 10, 12, 14, 28
FY26: LCS 13, 19, 22, 34
FY27: LCS 6, 8, 15, 16, 20, 21, 23, 30
FY28: LCS 13, 17, 18, 24, 25, 27, 32
FY29: LCS 12, 14, 19, 26, 29, 36
FY30: LCS 6, 10, 15, 16, 18, 21, 23, 30, 31, 34, 38
FY31: LCS 8, 17, 22, 24, 25, 26, 27, 28, 32

Each ship requires different alteration packages that vary in scope and cost based on individual ship configurations. Therefore, funding requested for availabilities does not reflect a standard cost per availability, but funds required work for each specific hull.

Note: Due to contract award dates, funds for install are awarded approximately 120 days prior to the start of the availability, meaning availabilities that start within the first quarter of a FY are awarded in the prior FY.

[P3A / LCS Maintenance Modernization]: Increased FY27 per unit costs for Advanced Machinery Control System (AMCS) (7.1.1) represents start-up/ non-recurring engineering costs for hardware and software development of the AMCS system to support AMCS installation on Freedom class LCS ships commencing in FY30. AMCS is critical in the operations of ships' HM&E systems and maintaining Operational Availability.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** 0603581N
Line Item MDAP/MAIS Code: N/A	

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LCS In-Service Modernization				- / 134.203	- / 8.206	- / 9.695	- / 18.050	- / -	- / 18.050
P-3a	1 / LCS Maintenance Modernization (TBD)				- / 335.033	- / 104.390	- / 151.004	- / 141.713	- / 0.000	- / 141.713
P-3a	2 / Combat System Lethality & Survivability Upgrades (TBD)				- / 176.834	- / 75.658	- / 28.759	- / 155.509	- / 0.000	- / 155.509
P-40	**Total Gross/Weapon System Cost**				**- / 646.070**	**- / 188.254**	**- / 189.458**	**- / 315.272**	**- / 0.000**	**- / 315.272**

Exhibits Schedule					FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LCS In-Service Modernization				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / LCS Maintenance Modernization (TBD)				- / 133.007	- / 95.736	- / 104.439	- / 100.461	- / 38.096	- / 1,203.879
P-3a	2 / Combat System Lethality & Survivability Upgrades (TBD)				- / 179.746	- / 157.910	- / 160.949	- / 162.907	Continuing	Continuing
P-40	**Total Gross/Weapon System Cost**				**- / 330.883**	**- / 265.337**	**- / 279.241**	**- / 277.495**	**Continuing**	**Continuing**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 funding for LCS In-Service Modernization continues essential support for LCS operational readiness through modernization of critical systems such as the Total Ship Computing Environment (TSCE), increased ability for organic repair and reduced reliance on Original Equipment Manufacturer contracts by shifting to Government Furnished Equipment (GFE) for major systems, and expanded mission capabilities through lethality and survivability upgrades.

MT002 - LCS Class Design Improvements
No Congressional increases at this time.

MT003 - LCS Maintenance Modernization
Littoral Combat Ships (LCS) Maintenance Modernization funds the back-fit, upgrade, and fact of life obsolescence changes on Littoral Combat Ships. The Modernization construct in FY27 is split out into 7 total categories: Safety, Targeted Performance Enhancement, Obsolescence, AECS, Communication, HM&E and Navigation.

For Safety, the program office is planning 6 procurements and 6 installs. The total planned FY27 procurement cost in support of future Modernization is $3.142M, and will cover avails for LCS 12, 14, 17, 26, 27, and 36. The total planned installation cost for FY27 Modernization is $1.157M, and will cover avails for LCS 6, 8, 16, 21, and 23.

Safety procurements and installs include Man Overboard Indicator (MOBI) System, Horizon Reference Set (HRS), CANMAN Steering Tiller Cable Re-Route, Tug Impact Reinforcement Modification.

For Targeted Performance Enhancement, the program office is planning 41 procurements and 57 installs. The total planned FY27 procurement cost in support of future Modernization is $10.142M, and will cover avails for LCS 14, 17, 18, 24, 25, 26, 27, 29, and 32. The total planned installation cost for FY27 Modernization is $11.018M, and will cover avails for LCS 6, 8, 15, 16, 20, 21, 23, and 30.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0603581N
Line Item MDAP/MAIS Code: N/A		

Targeted Performance Enhancement procurements and installs include Launch Handling and Recovery System (LRHS), HM&E Zonal UPS, Electric Plant Control Power Redundancy, Ship Service Diesel Generator (SSDG) Sea Water Ingestion, Waterjet Hydraulic Power Unit (HPU) upgrades, Twin Boom Extensible Crane (TBEC) upgrades, Stern Tube Seal Flowmeter, Heat Exchanger upgrades, GT and Main Propulsion Diesel Engine (MPDE) Local Interlock, Main reduction Gear (MRG) Dehumidifier and Lube Oil Coolers, and SPS-77.

For Obsolescence, the program office is planning 9 procurements and 11 installs. The total planned FY27 procurement cost in support of future Modernization is $1.796M, and will cover avails for LCS 6, 8, 12, 14, 26, 36, and 38. The total planned installation cost for FY27 Modernization is $2.158M, and will cover avails for LCS 6, 8, 16, 20, and 30.

Obsolescence procurements and installs include Video Display System (VDS) upgrades, Voyage Data Recorder (HW/SW) Installation and Fathometer.

For AECS (Advanced Engineering Control System) / MPCMS (Machinery Plant Control and Monitoring System), the program office is planning 12 procurements and 11 installs. The total planned FY27 procurement cost in support of future Modernization is $19.840M, and will cover avails for LCS 12, 14, 17, 25, and 27. The total planned installation cost for FY27 Modernization is $4.528M and will cover avails for LCS 15, 20, 21, and 23.

AECS procurement and installs include Engineering Control Systems upgrades, Fire Detection System modernization, LCS 2 Variant Advanced Damage Control System (ADCS) software, LCS 1 Variant ADCS Software Upgrade, and LCS Quarterdeck Panel Replacement, AMCS GFE Solution Hardware Replacement.

For Communication, the program office is planning 51 procurements and 98 installs. The total planned FY27 procurement cost in support of future Modernization is $15.224M, and will cover avails for LCS 6, 8, 12, 15, 17, 18, 19, 24, 25, 27, 32, and 36. The total planned installation cost for FY27 Modernization is $29.916M, and will cover avails for LCS 6, 8, 10, 12, 15, 16, 19, 20, 21, 22, 23, 26, 28, 30, 31, 36, and 38.

Communication procurements and installs include Total Ship Computing Environment (TSCE) upgrades, TSCE Hosted Application Server Creation, TSCE Migration to Windows 11, TSCE Obsolescence Network Upgrade, TSCE Common Computing Environment HW/SW, TSCE Laptop Increase, External Crypto Modernization, Voice Over Secure IP (VOSIP) Phones, Integrated Voice Communications System (IVCS), CENTRIXS-M FAK Infrastructure, AN/SPS-77(V)2 Radar upgrades, Command and Control (C2P) upgrades, Multi-Data Link Management System upgrade, AC2 Modem upgrades, Virtualized Data Transport System (VDTS), Total Common Data Link Management & Control (TCDL M&C), Red Hat Enterprise Linux (RHEL) Software Upgrade, SIPRNET Hosted Application Server, and TMIP Printer Obsolescence.

For HM&E (Hull, Mechanical, and Electrical), the program office is planning 63 procurements and 70 installs. The total planned FY27 procurement cost in support of future Modernization is $13.815M, and will cover avails for LCS 13, 14, 15, 17, 18, 19, 24, 25, 26, 27, 29, and 36. The total planned installation cost for FY27 Modernization is $23.261M, and will cover avails for LCS 6, 8, 15, 16, 19, 20, 21, 23, and 30.

HM&E procurement and installs include Damage Control Local Operating Panel (DCLOP) Tech Refresh, Load Shed Modifications, Rosebox Strainer Material Replacement, Tank BHD 20 and 70 Mods and 03 LVL Stanchion Brackets, Replacement Air Conditioning Plant Chill Water Pumps, LCS Aux 5 Tank Top Pitting Modernization, Ground Detect Monitoring, Bulkhead 90 Manholes, Flight Deck Insert & Fatigue Improvements, Structural Fire Protection Material Change, Electrical Outlet Installations, HAZMAT Stowage Risk Mitigation, Replacement Transducers, Launch Handling and Recovery System (LRHS) LCS 5 AF upgrades , Main Propulsion Diesel Engine (MPDE) Air Cooler Diffuser Replacement and Local Control Panel Touchscreen Upgrade, MPAC Ventilation - Cooling, Full Authority Digital Control (FADC) Engine Monitoring Unit (EMU) , Shock Qualified Composite Grating and Clips, Starboard Exhaust Silencer Heat Transfer Mitigation, Composite Ready Service Locker Sunshields, GT Main Reduction Gear Lube Oil Baffle Plate, MPCMS Software Update, NAVDDS Tech Refresh, AC Plant Condenser Upgrades, TI-25 Enterprise Remote Monitoring (ERM) Hardware, Software Upgrade to Enable Dead Bus Capabilities, Installation of Replacement Transducers, and Shock Qualified Composite Grating and Clips.

For Navigation, the program office is planning 8 procurements and 20 installs. The total planned FY27 procurement cost in support of future Modernization is $1.244M, and will cover avails for LCS 14, 17, 25, 27, and 29. The total planned installation cost for FY27 Modernization is $4.472M, and will cover avails for LCS 6, 8, 10, 15, 16, 20, 21, 23, and 28.

MT004/MTINS LCS Lethality and Survivability
FY27 controls support completing LCS 10 L&S shipboard testing and CSSQT execution; LCS 28 L&S ship installation, testing, CSSQT planning; LCS 20 L&S ship installation; and LCS 12 procurement of long lead time material and end items.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0603581N
Line Item MDAP/MAIS Code: N/A		

Changes from PB26 to PB27: Decrease from PB26 to PB27 requests reflect a reduction in FY27 procurements from 3 to 1, offset by an increase in FY27 installations from 0 to 1. These changes are driven by rephased fielding plan, shifting to 1 procurement and 1 installation per year starting in FY27, and account for increased unit end item procurement costs. Updated the end items to reflect current nomenclature and full list of systems being installed as part of L&S. Notable additions include Navigation Suite (NCDS, WSN-7/12, WSN-9, GPNTS, and ADAP). FY27 funding ensures ability to field L&S in accordance with updated fielding plan.

LCS Combat System L&S Procurement and Installation Schedule:
FY24: Procure QTY 2 (2 IND/0 FRE); Install QTY 1 (1 IND/0 FRE)
FY25: Procure QTY 1 (1 IND/0 FRE); Install QTY 1 (1 IND/0 FRE)
FY26: Procure QTY 0 (0 IND/0 FRE); Install QTY 1 (1 IND/0 FRE)
FY27: Procure QTY 1 (1 IND/0 FRE); Install QTY 1 (1 IND/0 FRE)
FY28: Procure QTY 1 (1 IND/0 FRE); Install QTY 1 (1 IND/0 FRE)
FY29: Procure QTY 1 (1 IND/0 FRE); Install QTY 1 (1 IND/0 FRE)
FY30: Procure QTY 1 (1 IND/0 FRE); Install QTY 1 (1 IND/0 FRE)
FY31: Procure QTY 1 (1 IND/0 FRE); Install QTY 1 (1 IND/0 FRE)

MT005 LCS Combat System Modernization
FY2027 funding for modernization of LCS Ships that have not received Lethality and Survivability modernization. Funds will develop and procure Combat System hardware, software and logistics documentation required for
both LCS variants to maintain combat effectiveness and deployment readiness. Funds also provide for procurement, development, and execution of several Ship Change Documents that address increasing rate of obsolescence and
diminishing manufacturing shortages of various contractor furnished equipment systems not addressed by the Lethality and Survivability modernization. Navigation procurement and installs include Voyage Data Recorder (VDR) SW/HW Upgrade.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Aggregated Items Title:** LCS In-Service Modernization

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) MT002 LCS Class Design Improvements																				
1.1) FY18 Congressional Add - OTH, IFF Mode 5, BLOS, LWEC	A		-	-	84.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) Congressional Add Combat and Comms System Acceleration	A		-	-	36.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) FY23 Congressional Add - LCS 3	A		-	-	13.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) MT002 LCS Class Design Improvements			**-**	**-**	***133.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) MT004 Lethality and Survivability																				
3.1) Lethality and Survivability AIT & Shipboard Qualification	A		-	-	1.203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) MT004 Lethality and Survivability			**-**	**-**	***1.203***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) MT005 LCS Combat System Modernization (1)																				
4.1) LCS Combat System Modernization	A		-	-	-	-	-	8.206	-	-	9.695	-	-	18.050	-	-	-	-	-	18.050
Subtotal: 4) MT005 LCS Combat System Modernization			**-**	**-**	***0.000***	**-**	**-**	***8.206***	**-**	**-**	***9.695***	**-**	**-**	***18.050***	**-**	**-**	**-**	**-**	**-**	***18.050***
Total			**-**	**-**	**134.203**	**-**	**-**	**8.206**	**-**	**-**	**9.695**	**-**	**-**	**18.050**	**-**	**-**	**-**	**-**	**-**	**18.050**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

Footnotes:
(1)

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	335.033	104.390	151.004	141.713	0.000	141.713	133.007	95.736	104.439	100.461	38.096	1,203.879
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	335.033	104.390	151.004	141.713	0.000	141.713	133.007	95.736	104.439	100.461	38.096	1,203.879
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**335.033**	**104.390**	**151.004**	**141.713**	**0.000**	**141.713**	**133.007**	**95.736**	**104.439**	**100.461**	**38.096**	**1,203.879**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

LCS Maintenance Modernization

The Modernization construct is split into 7 different categories: Safety, Targeted Performance Enhancements, Obsolescence, AECS, C4I, HM&E Navigation. These categories enable improved planning and tracking of ship changes as technology and mission evolve.

Safety Category:

Man Overboard Identification (MOBI) (IND and FRE)
CANMAN Steering Tiller Cable Re-Route (FRE)
Horizon Reference Set (HRS) (IND and FRE)

Targeted Performance Enhancements Category:

SPS-77 Mod B+ Transient Voltage Surge Suppressor (TVSS) (IND)
Stern Door Lockpin Proximity Switch (IND)
Main Reduction Gear (MRG) Lube Oil Coolers Fresh Water (FW) Lay Up (IND)
Twin Boom Extensible Crane (TBEC) Human Machine Interface (HMI) Screen (IND)
Stern Tube Flowmeter (IND)
MRG Dehumidifier (IND)
SmartPac Heat Exchangers FW Lay up (IND)
Hydraulic Prime Mover Heat Exchanger (FW) Lay Up (IND)
Vital and Non-Vital Generator Heat Exchangers FW Lay Up (IND)
Chiller Plant Condensers FW Lay up (IND)
Main Propulsion Diesel Engine (MPDE) Power Pack Heat Exchanger FW Lay Up (IND)
GT Power Pack Heat Exchanger FW Lay Up (IND)
TBEC Modification (IND)
Electric Plant Control Power Redundancy (FRE)

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1604 / LCS In-Service Modernization	Modification Number / Title: 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Ship Service Diesel Generator (SSDG) Sea Water Ingestion (FRE)
HM&E Zonal UPS (FRE)
Hydraulic Power Unit (HPU) Oil Cooler Backfit (FRE)
Launch, Recovery and Handling System (LRHS) Extend in Normal Mode (FRE)
GT/MPDE Start Permissives (FRE)
Launch, Recovery, and Handling System (LRHS) Reliability HW (FRE)
Launch, Recovery, and Handling System (LRHS) Reliability SW (FRE)
Waterjet HPU Cooling Control Temp (FRE)
Single Board Computer (FRE)
TBEC Tagline Winches 3&4 Water Shield (IND)
TBEC Soft-Start Manifold Redesign) (IND)

Obsolescence Category:

LCS Camera Video Display System (VDS) SW Upgrade (IND)
LCS VDS Obsolete Hardware (HW) (IND)
GFE Fathometer UQN-10 (IND and FRE)

AECS/MPCMS Category:

AECS HW Tech Refresh (IND)
AECS SW Tech Refresh (IND)
MPCMS GFE Solution Hardware Replacement (FRE)
MPCMS GFE Solution Software Upgrade (FRE)
ADCS Software (IND)
Fire Detection System modernization (IND)

Communications Category:

Multi Data Link Management System (MDLMS) Operating System (OS) SW Upgrade (IND)
Combined Enterprise Regional Information Exchange System (CENTRIXS) Fly Away Kit (FAK) (IND and FRE)
Total Ship Computing Environment (TSCE) Hosted Application Server (FRE)
TSCE Defense Information System Agency (DISA) Endpoint Security (FRE)
TSCE IND Back Up SW Upgrade (IND)
TSCE HW Update for Theatre Medical Information Program (TMIP) (FRE)
External CRYPTO Modernization (IND and FRE)
Command and Control Processor (C2P) TECH REFRESH (IND and FRE)
TSCE Obsolescence Network Hardware Upgrade (IND and FRE)
TSCE Obsolescence Network Software Upgrade (IND and FRE)
TSCE Migration to Windows 11 OS (IND and FRE)
SIPRNET Hosted Application Server (FRE and IND)
TSCE 05.XX SW Tech Refresh (FRE)
TSCE Laptop Increase (FRE and IND)
AC2 Modem Upgrade (IND and FRE)

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1604 / LCS In-Service Modernization	Modification Number / Title: 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Environmental Sensor Upgrade (IND)
IVCS Firmware Upgrade (IND)
IVS HW laptop Upgrade (IND)
IVCS SW Laptop Upgrade (IND)
CBM Dashboard (SW)
CBM Dashboard (HW)

HM&E Category:

Load Shed Modifications (IND)
Rosebox Strainer Material (IND)
Replace Air Conditioner (AC) Chill Water (CW) Pumps (IND)
LCS Aux 5 Tank Top Pitting (IND)
Ground Detect Monitoring (IND)
Bulkhead 90 Amah Manholes (IND)
LCS 2 Variant Composite Ready Service Locker (RSL) (IND)
Structural fire Protection Material Change (IND)
Medium Pressure Air Compressor (MPAC) Ventilation - Cooling (FRE)
Installation of Replacement Transducers (FRE)
Starboard Exhaust Silencer Heat Transfer Mitigation (FRE)
MPDE Air Cooler Diffuser Replacement (FRE)
Variant Composite Ready Service Locker Sunshields (FRE)
Shock Qualified Composite Grating and Clips (FRE)
LRHS Human Machine Interface (HMI) (FRE)
HAZMAT Stowage Risk Mitigation (FRE)
AFT Damage Control Local Operating Panel (IND)
Flight Deck insert & Fatigue Improvements at hanger door (IND)
Electrical Outlet Install in Electrical Tool Room (IND)
NAVDDS Tech Refresh (FRE)
Software Upgrade to Enable Dead Bus Capabilities (FRE)
eRM MPCMS Software Update (FRE)

Navigation Category:

Integrated Bridge System (IBS) (IND)
Voyage Data Recorder (VDR) Software Installation (FRE and IND)
Voyage Data Recorder (VDR) Hardware Installation (FRE and IND)

The official schedule for CNO Availabilities is maintained in the NDE and updated by Commander Naval Surface Force Atlantic and Pacific schedulers. The CNO approved schedule for LCS Availabilities included in the requirements is as follows (as of 11 March 2026):

CNO avails awards:
FY25: LCS 10, 12, 14, 28
FY26: LCS 13, 19, 22, 34

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

FY27: LCS 6, 8, 15, 16, 20, 21, 23, 30
FY28: LCS 13, 17, 18, 24, 25, 27, 32
FY29: LCS 12, 14, 19, 26, 29, 36
FY30: LCS 6, 10, 15, 16, 18, 21, 23, 30, 31, 34, 38
FY31: LCS 8, 17, 22, 24, 25, 26, 27, 28, 32

Each ship requires different alteration packages that vary in scope and cost based on individual ship configurations. Therefore, funding requested for availabilities does not reflect a standard cost per availability, but funds required work for each specific hull.

Note: Due to contract award dates, funds for install are awarded approximately 120 days prior to the start of the availability, meaning availabilities that start within the first quarter of a FY are awarded in the prior FY.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan (*) Indicates the modification is being installed organically and no installation funds are required.	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
1.1.1) LCS Freedom Maintenance Modernization - NonOrganic *Installation 1 of 9*	3 / 0.765	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.765
2.1.1) Enacted Rescissions - Organic(*)	- / 35.634	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 35.634
3.1.1) LCS Independence Maintenance Modernization - NonOrganic (2) *Installation 2 of 9*	9 / 2.814	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	9 / 2.814
4.1.1) Safety - NonOrganic *Installation 3 of 9*	- / 21.616	- / 0.884	11 / 2.654	6 / 3.142	- / -	6 / 3.142	10 / 5.738	4 / 2.168	8 / 6.198	2 / 2.098	- / -	41 / 44.498
5.1.1) Targeted Performance Enhancement - NonOrganic (3) *Installation 4 of 9*	- / 57.834	9 / 5.263	67 / 17.469	41 / 10.142	- / -	41 / 10.142	37 / 5.687	16 / 2.762	24 / 2.654	2 / 0.607	- / -	196 / 102.418
6.1.1) Obsolescence - NonOrganic (4) *Installation 5 of 9*	- / 3.602	10 / 0.808	8 / 1.932	9 / 1.796	- / -	9 / 1.796	6 / 1.873	7 / 1.284	9 / 2.205	2 / 0.901	- / -	51 / 14.401
7.1.1) AECS/AMCS - NonOrganic (5) *Installation 6 of 9*	- / 17.315	4 / 23.148	14 / 17.162	12 / 19.840	- / -	12 / 19.840	14 / 16.937	8 / 6.982	10 / 12.414	26 / 51.365	- / -	88 / 165.163
8.1.1) Communication - NonOrganic (6) *Installation 7 of 9*	- / 76.032	49 / 14.791	101 / 47.365	51 / 15.224	- / -	51 / 15.224	46 / 20.845	28 / 11.776	28 / 19.989	6 / 2.492	- / -	309 / 208.514
9.1.1) HM&E - NonOrganic (7) *Installation 8 of 9*	- / 19.072	20 / 9.671	84 / 20.963	63 / 13.815	- / -	63 / 13.815	39 / 10.643	22 / 4.135	4 / 0.897	1 / 0.093	- / -	233 / 79.289
10.1.1) Navigation - NonOrganic (8) *Installation 9 of 9*	- / 0.545	6 / 25.945	30 / 2.888	8 / 1.244	- / -	8 / 1.244	8 / 32.455	6 / 1.099	12 / 1.232	- / 0.834	- / -	70 / 66.242
11.1.1) Combat Systems - NonOrganic(*)	- / 7.058	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.058
Subtotal: Procurement	*- / 242.287*	*- / 80.510*	*- / 110.433*	*- / 65.203*	*- / -*	*- / 65.203*	*- / 94.178*	*- / 30.206*	*- / 45.589*	*- / 58.390*	*- / 0.000*	*- / 726.796*
Installation												
Installation 1 of 9: GRP: LCS Freedom Maintenance Modernization Non-Organic Inst. 1 of 2	- / 19.740	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 19.740
Installation 2 of 9: GRP: LCS Independence Maintenance Modernization Non-Organic Inst. 2 of 2	- / 73.006	- / 18.232	- / 2.847	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 94.085
Installation 3 of 9: GRP: Safety	- / -	- / -	- / 0.185	- / 1.157	- / 0.000	- / 1.157	- / 2.787	- / 5.453	- / 4.582	- / 5.953	- / 2.274	- / 22.391
Installation 4 of 9: GRP: Targeted Performance Enhancements	- / -	- / -	- / 3.706	- / 11.018	- / 0.000	- / 11.018	- / 8.437	- / 6.828	- / 3.287	- / 4.754	- / 0.254	- / 38.284
Installation 5 of 9: GRP: Obsolescense	- / -	- / -	- / 2.422	- / 2.158	- / 0.000	- / 2.158	- / 1.759	- / 4.293	- / 3.882	- / 3.213	- / 1.901	- / 19.628
Installation 6 of 9: GRP: AECS/MPCMS	- / -	- / -	- / 4.266	- / 4.528	- / 0.000	- / 4.528	- / 0.568	- / 8.424	- / 14.058	- / 10.620	- / 22.438	- / 64.902
Installation 7 of 9: GRP: Communications	- / -	- / 5.648	- / 18.018	- / 29.916	- / 0.000	- / 29.916	- / 9.529	- / 16.278	- / 17.953	- / 15.800	- / 2.469	- / 115.611
Installation 8 of 9: GRP: HM&E	- / -	- / -	- / 8.279	- / 23.261	- / 0.000	- / 23.261	- / 14.638	- / 17.201	- / 9.782	- / 0.400	- / 0.136	- / 73.697

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:**

Financial Plan (*) Indicates the modification is being installed organically and no installation funds are required.	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Installation 9 of 9: GRP: Navigation	- / -	- / -	- / 0.848	- / 4.472	- / 0.000	- / 4.472	- / 1.111	- / 7.053	- / 5.306	- / 1.331	- / 8.624	- / 28.745
Subtotal: Installation	- / *92.746*	- / *23.880*	- / *40.571*	- / *76.510*	- / -	- / *76.510*	- / *38.829*	- / *65.530*	- / *58.850*	- / *42.071*	- / *38.096*	- / *477.083*
Total												
Total Cost (Procurement + Support + Installation)	**335.033**	**104.390**	**151.004**	**141.713**	**0.000**	**141.713**	**133.007**	**95.736**	**104.439**	**100.461**	**38.096**	**1,203.879**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Installation 1 of 9: GRP: LCS Freedom Maintenance Modernization Non-Organic Inst. 1 of 2

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: Various
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	

Installation Information

Method of Implementation: Method:: Installation Name: LCS Freedom Maintenance Modernization Non-Organic Inst. 1 of 2

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	3 / 19.740	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 19.740
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	3 / 19.740	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 19.740

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
Out	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Installation 2 of 9: GRP: LCS Independence Maintenance Modernization Non-Organic Inst. 2 of 2

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	

Installation Information

Method of Implementation: Method:: Installation Name: LCS Independence Maintenance Modernization Non-Organic Inst. 2 of 2

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	9 / 73.006	0 / 18.232	0 / 2.847	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	9 / 94.085
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	9 / 73.006	0 / 18.232	0 / 2.847	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	9 / 94.085

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Out	6	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Installation 3 of 9: GRP: Safety		

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	

Installation Information

Method of Implementation: Method:: Installation Name: Safety

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	1 / 0.185	6 / 1.157	0 / 0.000	6 / 1.157	4 / 1.699	- / -	- / -	- / -	0 / 0.000	11 / 3.041
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.384	4 / 2.869	- / -	- / -	0 / 0.000	6 / 3.253
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.704	5 / 2.584	4 / 2.922	- / -	0 / 0.000	10 / 6.210
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 1.660	1 / 0.744	0 / 0.000	4 / 2.404
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	7 / 5.209	1 / 0.758	8 / 5.967
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.516	2 / 1.516
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	1 / 0.185	6 / 1.157	0 / 0.000	6 / 1.157	7 / 2.787	9 / 5.453	7 / 4.582	8 / 5.953	3 / 2.274	41 / 22.391

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	-	1	-	3	1	-	2	-	4	-	3	1	1	5	2	1	4	2	-	1	-	6	1	3	41
Out	-	-	-	-	-	-	-	-	-	-	1	-	3	1	-	-	2	4	1	2	-	1	3	3	1	4	2	-	3	10	41

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Installation 4 of 9: GRP: Targeted Performance Enhancements		

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	

Installation Information

Method of Implementation: Method:: Installation Name: Targeted Performance Enhancements

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	9 / 1.803	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	9 / 1.803
FY 2026	- / -	- / -	7 / 1.903	57 / 11.018	0 / 0.000	57 / 11.018	3 / 1.235	- / -	- / -	- / -	0 / 0.000	67 / 14.156
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	34 / 6.993	7 / 1.739	- / -	- / -	0 / 0.000	41 / 8.732
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.209	32 / 5.089	3 / 0.376	- / -	0 / 0.000	37 / 5.674
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	16 / 2.911	- / -	0 / 0.000	16 / 2.911
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	24 / 4.754	0 / 0.000	24 / 4.754
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.254	2 / 0.254
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	16 / 3.706	57 / 11.018	0 / 0.000	57 / 11.018	39 / 8.437	39 / 6.828	19 / 3.287	24 / 4.754	2 / 0.254	196 / 38.284

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	1	3	6	6	36	5	-	16	-	15	-	24	13	4	20	2	-	12	7	-	-	-	24	-	2	196
Out	-	-	-	-	-	-	1	-	1	1	-	12	23	5	14	-	16	15	13	11	-	4	9	22	-	14	5	-	4	26	196

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Installation 5 of 9: GRP: Obsolescense		

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	

Installation Information

Method of Implementation: Method:: Installation Name: Obsolescense

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	8 / 2.422	2 / 1.152	0 / 0.000	2 / 1.152	- / -	- / -	- / -	- / -	0 / 0.000	10 / 3.574
FY 2026	- / -	- / -	- / -	5 / 0.783	0 / 0.000	5 / 0.783	3 / 1.759	- / -	- / -	- / -	0 / 0.000	8 / 2.542
FY 2027	- / -	- / -	- / -	4 / 0.223	0 / 0.000	4 / 0.223	- / -	4 / 2.387	1 / 0.608	- / -	0 / 0.000	9 / 3.218
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.906	1 / 0.608	- / -	0 / 0.000	6 / 2.514
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.941	2 / 1.237	0 / 0.000	7 / 3.178
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 0.725	5 / 1.976	1 / 0.630	9 / 3.331
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.271	2 / 1.271
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	8 / 2.422	11 / 2.158	0 / 0.000	11 / 2.158	3 / 1.759	9 / 4.293	10 / 3.882	7 / 3.213	3 / 1.901	51 / 19.628

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	4	4	-	5	1	1	4	1	1	-	1	1	1	5	2	1	7	2	-	1	2	3	1	3	51
Out	-	-	-	-	-	-	-	-	-	-	-	2	8	-	4	1	4	2	1	-	-	1	2	2	1	8	2	-	4	9	51

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Installation 6 of 9: GRP: AECS/MPCMS		

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	

Installation Information

Method of Implementation: Method:: Installation Name: AECS/MPCMS

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	4 / 3.123	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	4 / 3.123
FY 2026	- / -	- / -	3 / 1.143	11 / 4.528	0 / 0.000	11 / 4.528	- / -	- / -	- / -	- / -	0 / 0.000	14 / 5.671
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	6 / 0.568	6 / 6.440	- / -	- / -	0 / 0.000	12 / 7.008
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.984	8 / 7.468	- / -	0 / 0.000	14 / 9.452
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	8 / 5.678	- / -	0 / 0.000	8 / 5.678
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 0.912	8 / 6.354	0 / 0.000	10 / 7.266
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 4.266	21 / 22.438	26 / 26.704
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	7 / 4.266	11 / 4.528	0 / 0.000	11 / 4.528	6 / 0.568	12 / 8.424	18 / 14.058	13 / 10.620	21 / 22.438	88 / 64.902

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	5	-	2	9	2	-	-	-	4	-	2	5	-	7	-	1	10	7	-	1	6	6	-	21	88
Out	-	-	-	-	-	-	-	-	-	1	-	2	6	2	7	-	-	4	-	2	-	-	2	10	-	6	2	-	6	38	88

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Installation 7 of 9: GRP: Communications		

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	

Installation Information

Method of Implementation: Method:: Installation Name: Communications

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	6 / 5.648	42 / 12.240	1 / 0.101	0 / 0.000	1 / 0.101	- / -	- / -	- / -	- / -	0 / 0.000	49 / 17.989
FY 2026	- / -	- / -	12 / 5.778	88 / 27.941	0 / 0.000	88 / 27.941	1 / 2.703	- / -	- / -	- / -	0 / 0.000	101 / 36.422
FY 2027	- / -	- / -	- / -	9 / 1.874	0 / 0.000	9 / 1.874	39 / 6.162	2 / 3.532	1 / 0.776	- / -	0 / 0.000	51 / 12.344
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	8 / 0.664	36 / 12.746	2 / 3.020	- / -	0 / 0.000	46 / 16.430
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	25 / 10.741	3 / 2.369	0 / 0.000	28 / 13.110
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 3.416	25 / 13.431	0 / 0.000	28 / 16.847
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 2.469	6 / 2.469
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	6 / 5.648	54 / 18.018	98 / 29.916	0 / 0.000	98 / 29.916	48 / 9.529	38 / 16.278	31 / 17.953	28 / 15.800	6 / 2.469	309 / 115.611

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	2	3	-	1	3	12	12	27	46	8	8	36	2	16	-	30	4	3	30	1	1	17	13	-	3	8	16	1	6	309
Out	-	-	-	-	-	2	2	2	4	3	5	21	42	8	30	12	27	18	8	22	-	3	15	9	1	22	10	-	9	34	309

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Installation 8 of 9: GRP: HM&E		

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	

Installation Information

Method of Implementation: Method:: Installation Name: HM&E

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	19 / 6.538	1 / 0.275	0 / 0.000	1 / 0.275	- / -	- / -	- / -	- / -	0 / 0.000	20 / 6.813
FY 2026	- / -	- / -	12 / 1.741	69 / 22.986	0 / 0.000	69 / 22.986	3 / 0.484	- / -	- / -	- / -	0 / 0.000	84 / 25.211
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	49 / 12.460	14 / 5.731	- / -	- / -	0 / 0.000	63 / 18.191
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.694	28 / 11.470	6 / 1.085	- / -	0 / 0.000	39 / 14.249
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	22 / 8.274	- / -	0 / 0.000	22 / 8.274
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.423	3 / 0.400	0 / 0.000	4 / 0.823
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.136	1 / 0.136
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	31 / 8.279	70 / 23.261	0 / 0.000	70 / 23.261	57 / 14.638	42 / 17.201	29 / 9.782	3 / 0.400	1 / 0.136	233 / 73.697

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	10	13	8	38	11	1	20	-	29	-	28	5	4	27	6	3	10	14	2	1	1	1	-	1	233
Out	-	-	-	-	-	-	-	-	-	4	3	20	32	11	10	1	20	29	4	24	-	4	19	9	5	16	13	2	3	4	233

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Installation 9 of 9: GRP: Navigation		

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 3	Production Leadtime *(in Months)*: 12

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	Nov 2024	Nov 2025	Nov 2026	Nov 2027	Nov 2028	Nov 2029	
Delivery Dates	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	

Installation Information

Method of Implementation: Method:: Installation Name: Navigation

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	3 / 0.729	- / -	- / -	- / -	- / -	2 / 5.392	1 / 2.744	- / -	0 / 0.000	6 / 8.865
FY 2026	- / -	- / -	9 / 0.119	20 / 4.472	0 / 0.000	20 / 4.472	1 / 0.228	- / -	- / -	- / -	0 / 0.000	30 / 4.819
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	5 / 0.883	3 / 0.660	- / -	- / -	0 / 0.000	8 / 1.543
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 1.001	- / -	- / -	3 / 8.624	8 / 9.625
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.255	- / -	0 / 0.000	6 / 1.255
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.307	6 / 1.331	0 / 0.000	12 / 2.638
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	12 / 0.848	20 / 4.472	0 / 0.000	20 / 4.472	6 / 1.111	10 / 7.053	13 / 5.306	6 / 1.331	3 / 8.624	70 / 28.745

Installation Schedule

	PYS	FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031				TC	Tot
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
In	-	-	-	-	-	-	3	4	5	8	4	2	6	-	4	-	2	3	-	7	-	1	6	6	-	-	4	2	-	3	70
Out	-	-	-	-	-	-	-	-	2	-	-	7	7	4	4	-	8	4	-	2	-	-	3	4	1	6	2	-	4	12	70

Footnotes:

(2) General Note: Modernization efforts in each category have variable costs based on specific procurement/install costs of the SCD being installed.

(3) Target Performance Enhancement costs vary across the FYDP due to number of procurement and installs each year and significant amount of variation between individual install schedules per ship.

(4) General Note: Installation schedule ins are full kit procurement contract award dates and outs are the scheduled ends of avail dates for installation of procured items.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1604 / LCS In-Service Modernization	Modification Number / Title: 1 / LCS Maintenance Modernization
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

(5) The increase from FY26 to FY27 procurement costs for the AECS/AMCS category is due to NRE costs for the development of the Freedom Class AMCS Government Furnished Equipment (GFE) solution.

(6) Of the alterations funded in the communications line, the largest cost driver is the TSCE (Total Ship Computing Environment) system installs. In FY27, 7 LCS ships are getting TSCE HW/SW installs.

(7) In FY27, 8 LCS ships are getting full HM&E packages. These packages include multiple major systems required for operational availability.

(8) In FY27, the installation cost per-unit increase is due to VDR (Voyage Data Recorder) across Independence and Freedom Hulls.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 2 / Combat System Lethality & Survivability Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	176.834	75.658	28.759	155.509	0.000	155.509	179.746	157.910	160.949	162.907	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	176.834	75.658	28.759	155.509	0.000	155.509	179.746	157.910	160.949	162.907	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**176.834**	**75.658**	**28.759**	**155.509**	**0.000**	**155.509**	**179.746**	**157.910**	**160.949**	**162.907**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

MT004 LCS Lethality and Survivability Lethality and Survivability (L&S) funding will provide for hardware procurement and installation of a common Combat Management System (CMS) comprised of Government Furnished Equipment (GFE), associated technical support data to upgrade the existing contractor furnished equipment, and associated cybersecurity modifications that will be back-fit onboard in-service LCS platforms. Funding will also provide for the non-recurring engineering for development of technical data packages and development of hardware and software packages necessary to integrate and test the common software baseline for two different LCS Class variants - Freedom and Independence. Production and planning support services for these upgrades are phased over a three (3) year span starting two (2) years prior to installation on a per hull basis, with installation to be accomplished during planned CNO Availabilities. L&S upgrades the following systems to GFE resulting in one combat system baseline with: Combat Management System: Gun (MK-20 Electro-Optical Surveillance System and Mk-160 Gun Fire Control System), Electronic Warfare Suite (Surface Electronic Warfare Improvement Program and MK-53 Nulka Decoy Launching System), Data Links (C2P), Mode 5 IFF (IFF AN/UPX-46), and Navigation Suite (NCDS, WSN-7/12, WSN-9, GPNTS, and ADAP).

Installation costs across the FYDP vary depending on current port rates and install costs will be updated once an execution port is assigned. Port rates are updated every year by CNRMC based on the forecasted port loading model. Port loading rate forecasts are the rates recommended for all budgeted maintenance and organic modernization within a specific port. Individual ship's availability durations vary dependent upon the integration of ship's maintenance and modernization work packages. Due to the differences between the Independence and Freedom variant, installation costs will also vary between variants. Installation funding for a ship is divided over a three-year period: Installation execution funding in the year of availability, Design Service Allocation (DSA) two years prior to availability, and DSA in the year of the availability. This includes ship checks, ship installation drawing (SID) development, logistic document development and long lead time material procurements (LLTM).

FY26 to FY27 changes: Updated the end items to reflect current nomenclature and full list of systems being installed as part of L&S. Notable additions include Navigation Suite (NCDS, WSN-7/12, WSN-9, GPNTS, and ADAP).

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 2 / Combat System Lethality & Survivability Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:** 0603581N

Financial Plan (*) Indicates the modification is being installed organically and no installation funds are required.	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Procurement												
1.1.1) TSCE - Freedom Variant - NonOrganic *Installation 1 of 2*	1 / 1.344	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
1.1.2) MK 20 EOSS - Organic(*)	- / 2.015	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
1.1.3) SEWIP Blk II Lite - Organic(*)	- / 5.158	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
1.1.4) MK 53 NULKA - Organic(*)	- / 1.469	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
1.1.5) MK 160 GFCS - Organic(*)	- / 2.225	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
2.1.1) Combat Management System (CMS) - Independence Variant - NonOrganic (9) *Installation 2 of 2*	3 / 7.849	1 / 1.004	- / -	1 / 3.905	- / -	1 / 3.905	1 / 3.983	1 / 4.063	1 / 4.144	1 / 4.227	- / 0.000	8 / 29.175
2.1.2) MK 20 EOSS & MK 160 GFCS - Organic(*)	- / 19.920	- / 1.046	- / -	- / 4.070	- / -	- / 4.070	- / 4.151	- / 4.234	- / 4.319	- / 4.405	- / -	- / 42.145
2.1.3) SEWIP Blk II Lite - Organic(*)	- / 26.989	- / 3.789	- / -	- / 14.740	- / -	- / 14.740	- / 15.035	- / 15.336	- / 15.643	- / 15.956	- / -	- / 107.488
2.1.4) MK 53 NULKA - Organic(*)	- / 6.120	- / 0.379	- / -	- / 1.474	- / -	- / 1.474	- / 1.503	- / 1.533	- / 1.564	- / 1.595	Continuing	Continuing
2.1.5) CDLMS - Organic(*)	- / 15.915	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
2.1.6) SPS-77 - Organic(*)	- / -	- / 0.141	- / -	- / 0.550	- / -	- / 0.550	- / 0.561	- / 0.572	- / 0.583	- / 0.595	- / -	- / 3.002
2.1.7) UPX 29A - Organic(*)	- / 7.835	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 7.835
2.1.8) C2P - Organic(*)	- / -	- / 0.594	- / -	- / 2.310	- / -	- / 2.310	- / 2.356	- / 2.403	- / 2.451	- / 2.500	- / -	- / 12.614
2.1.9) IFF - Organic(*)	- / -	- / 0.537	- / -	- / 2.090	- / -	- / 2.090	- / 2.132	- / 2.175	- / 2.219	- / 2.263	- / -	- / 11.416
2.1.10) NCDS - Organic(*)	- / -	- / 0.481	- / -	- / 1.870	- / -	- / 1.870	- / 1.907	- / 1.945	- / 1.984	- / 2.024	- / -	- / 10.211
2.1.11) WSN-7/12 - Organic(*)	- / -	- / 1.583	- / -	- / 6.160	- / -	- / 6.160	- / 6.283	- / 6.409	- / 6.537	- / 6.668	- / -	- / 33.640
2.1.12) WSN-9 - Organic(*)	- / -	- / 0.088	- / -	- / 0.341	- / -	- / 0.341	- / 0.348	- / 0.355	- / 0.362	- / 0.369	- / -	- / 1.863
2.1.13) GPNTS - Organic(*)	- / -	- / 0.492	- / -	- / 1.914	- / -	- / 1.914	- / 1.952	- / 1.991	- / 2.031	- / 2.072	- / -	- / 10.452
2.1.14) ADAP - Organic(*)	- / -	- / 0.200	- / -	- / 0.781	- / -	- / 0.781	- / 0.797	- / 0.813	- / 0.829	- / 0.846	- / -	- / 4.266
Subtotal: Procurement	*- / 96.839*	*- / 10.334*	*- / -*	*- / 40.205*	*- / -*	*- / 40.205*	*- / 41.008*	*- / 41.829*	*- / 42.666*	*- / 43.520*	*Continuing*	*Continuing*
Installation												
Installation 1 of 2: GRP: Combat System Lethality & Survivability Upgrades - Freedom	- / 8.472	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / 0.000	- / 8.472
Installation 2 of 2: GRP: Combat System Lethality & Survivability Upgrades - Independence	- / 71.523	- / 65.324	- / 28.759	- / 115.304	- / 0.000	- / 115.304	- / 138.738	- / 116.081	- / 118.283	- / 119.387	Continuing	Continuing
Subtotal: Installation	*- / 79.995*	*- / 65.324*	*- / 28.759*	*- / 115.304*	*- / -*	*- / 115.304*	*- / 138.738*	*- / 116.081*	*- / 118.283*	*- / 119.387*	*Continuing*	*Continuing*

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 2 / Combat System Lethality & Survivability Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: [No Model Specified]	**Modification Type:** TBD	**Related RDT&E PEs:** 0603581N

Financial Plan (*) Indicates the modification is being installed organically and no installation funds are required.	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Total												
Total Cost (Procurement + Support + Installation)	**176.834**	**75.658**	**28.759**	**155.509**	**0.000**	**155.509**	**179.746**	**157.910**	**160.949**	**162.907**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 2 / Combat System Lethality & Survivability Upgrades

ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:

Installation 1 of 2: GRP: Combat System Lethality & Survivability Upgrades - Freedom

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates							
Delivery Dates							

Installation Information

Method of Implementation: CS L&S Upgrades:: Installation Name: Combat System Lethality & Survivability Upgrades - Freedom

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	1 / 8.472	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 8.472
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	- / -
Total	1 / 8.472	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 8.472

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Out	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 2 / Combat System Lethality & Survivability Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Installation 2 of 2: GRP: Combat System Lethality & Survivability Upgrades - Independence		

Manufacturer Information

Manufacturer Name: VARIOUS	Manufacturer Location: VARIOUS
Administrative Leadtime *(in Months)*: 6	Production Leadtime *(in Months)*: 18

Dates	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Contract Dates	May 2025		May 2027	May 2028	May 2029	May 2030	May 2031
Delivery Dates	Nov 2026		Nov 2028	Nov 2029	Nov 2030	Nov 2031	Nov 2032

Installation Information

Method of Implementation: CS L&S Upgrades:: Installation Name: Combat System Lethality & Survivability Upgrades - Independence

Installation Cost	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*	Qty *(Each)* / Total Cost *($ M)*
Prior Years	1 / 71.523	1 / 62.058	1 / 24.445	0 / 11.341	0 / 0.000	0 / 11.341	- / -	- / -	- / -	- / -	0 / 0.000	3 / 169.367
FY 2025	- / -	0 / 3.266	0 / 4.314	1 / 98.292	0 / 0.000	1 / 98.292	0 / 28.704	- / -	- / -	- / -	1 / 0.000	2 / 134.576
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 5.671	0 / 0.000	0 / 5.671	0 / 95.681	1 / 92.865	0 / 8.762	- / -	0 / 0.000	1 / 202.979
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 14.353	0 / 17.859	1 / 90.538	0 / 8.843	0 / 0.000	1 / 131.593
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 5.357	0 / 14.603	1 / 91.383	Continuing	Continuing
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 4.380	0 / 14.739	Continuing	Continuing
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 4.422	1 / 0.000	1 / 4.422
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	- / -
Total	1 / 71.523	1 / 65.324	1 / 28.759	1 / 115.304	0 / 0.000	1 / 115.304	0 / 138.738	1 / 116.081	1 / 118.283	1 / 119.387	Continuing	Continuing

Installation Schedule

		FY 2025				FY 2026				FY 2027				FY 2028				FY 2029				FY 2030				FY 2031					
	PYS	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	TC	Tot
In	1	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	1	-	3	10
Out	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	6	10

Footnotes:

(9) Installation costs across the FYDP vary depending on current port rates and install costs will be updated once an execution port is assigned. Port rates are updated every year by CNRMC based on the forecasted port loading model. Port loading rate forecasts are the rates recommended for all budgeted maintenance and organic modernization within a specific port. Individual ship's availability durations vary dependent upon the integration of ship's maintenance and modernization work packages. Due to the differences between the Independence and Freedom Classes, installation costs will also vary between

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1604 / LCS In-Service Modernization	**Modification Number / Title:** 2 / Combat System Lethality & Survivability Upgrades
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

variants. Installation funding for a ship is divided over a three-year period: Installation execution funding in the year of availability, and Design Service Allocation (DSA) two years prior to availability, and DSA in the year prior to the availability. This includes ship checks, ship installation drawing (SID) development, logistic document development and long lead time material procurements (LLTM). Note: In FY27, increase in unit cost is due to several factors such as previous multiyear block contracts ending and new contracts are being awarded at higher rates due to inflation, tariffs and re-negotiated vendor rate agreements. Installation cost increased due to out of area/homeport contract awards, program of record system budget lines covering smaller portion of cost than anticipated, and planning yard labor and material increases. Note 1: The FY25 procurement planned for installation in FY26 was removed to fund higher priority Navy projects. This asset will install during a future availability outside the FY27-FY31 FYDP.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1611 / Small & Medium UUV
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0604218N, 0604028N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	217.244	48.780	7.000	110.955	0.000	110.955	85.025	92.319	94.929	96.671	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	217.244	48.780	7.000	110.955	0.000	110.955	85.025	92.319	94.929	96.671	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**217.244**	**48.780**	**7.000**	**110.955**	**0.000**	**110.955**	**85.025**	**92.319**	**94.929**	**96.671**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	8.681	-	6.434	-	6.434	9.349	5.793	9.863	9.153	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Lionfish and Viperfish are the next generation UUVs that will replace the MK18 Mod 1 and Mod 2 UUVs currently in the fleet. They are the Navy's first cybersecure UUVs, which support mine countermeasures (MCM), Intelligence Preparation of the Operational Environment (IPOE), Subsea and Seabed Warfare (SSW), Naval Special Warfare (NSW) Maritime Homeland Defense (MHLD) and combat salvage. Both provide a critical Detect-to-Engage capability to Expeditionary Mine counter measures (ExMCM) forces, organized into 18 ExMCM companies across the Navy. These UUVs can be used in very shallow to deep waters to clear sea mines and enable fleet movement and maneuver through chokepoints and key water space, enable logistics at sea and between sea and shore in a contested environment, and to enable movement of Marines from ship to shore to seize and hold key terrain in support of Expeditionary Advanced Base Operations.

P5 / 5N300 Lionfish is a Small Unmanned Undersea Vehicle (SUUV) that replaces the legacy MK 18 Mod 1, utilizes advanced sensors and autonomy, and can be launched and recovered from small boats and craft, surface ships, vessels of opportunity, submarines, piers and shorelines, and various platforms. Viperfish, the deep water variant of Lionfish, replaces legacy MK 18 Mod 2 UUVs, and leverages recent innovation and technical advances to enable it to be delivered in a Small UUV form factor using Lionfish as a baseline as an ECP with enhanced depth performance and mission capability.

P5 / 5N001 KNIFEFISH (SMCM UUV w/LFBB)]: The Knifefish Surface Mine Countermeasure Unmanned Undersea Vehicle (SMCM UUV) program procures Unmanned Undersea Vehicles to support clandestine mine detection capability against volume and bottom mines including buried mine detection. The Knifefish system is composed of two UUVs, batteries, launch and handling system, and other support equipment.

P5 / 5N100 TETRA: TETRA is a Remotely Operated Vehicle (ROV) with the capacity for multiple mission payloads as a key enabler to Subsea and Seabed Warfare (SSW) as identified in the SSW Initial Capabilities Document
(ICD). A single TETRA system is comprised of 2 ROVs equipped with mission-dependent payload(s) and Ancillary Equipment

The FY 2026 spend plan for Small and Medium Unmanned Undersea Vehicles (UUVs) program includes $7,000 thousand of discretionary funding and $345,086 thousand of mandatory funding for a total of $352,086 thousand. The mandatory funds unmanned underwater vehicle production.

[P5 / 5N001 KNIFEFISH (SMCM UUV w/LFBB)]: The Knifefish Surface Mine Countermeasure Unmanned Undersea Vehicle (SMCM UUV) program procures Unmanned Undersea Vehicles to support clandestine mine detection capability against volume and bottom mines including buried mine detection. The Knifefish system is composed of two UUVs, batteries, launch and handling system, and other support equipment.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1611 / Small & Medium UUV	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0604218N, 0604028N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P5 / 5N210 Razorback MK19]: A part of the Family of UUVs, Razorback is a medium class UUV capable of persistent, autonomous, ocean sensing and data collection in support of Navy Subsea and Seabed Warfare (SSW) including Intelligence Preparation of the Operational Environment (IPOE) missions. The Razorback MK19 program procures systems with submarine integration via torpedo tube launch and recovery (TTL&R), Shock and Fire Enclosure Capsule (SAFECAP), high-density batteries, IPOE payloads, and support equipment.

[P5 / 5N210 Razorback w/ Classified Payload]: The Razorback w/ Classified Payload program procures systems with submarine integration via TTL&R), SAFECAPs, and classified payloads, to support classified missions.
Justification:

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1611 / Small & Medium UUV
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0604218N, 0604028N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	1 / Small & Medium UUV	P-5a, P-21			- / 217.244	- / 48.780	- / 7.000	- / 110.955	- / 0.000	- / 110.955
P-40	**Total Gross/Weapon System Cost**				**- / 217.244**	**- / 48.780**	**- / 7.000**	**- / 110.955**	**- / 0.000**	**- / 110.955**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 funding is required for the next generation of Small Class Unmanned Undersea Vehicles (Lionfish) along with procurement of Mission Support Equipment for the Lionfish systems.

CE 3.1.1 LIONFISH (SUUV): Procurement of additional 5 UUVs in FY 2027. These additional UUVs ensure ExMCM companies will be outfitted with UUVs in order to conduct their primary mission of expeditionary mine countermeasures.

CE 3.1.2 LIONFISH ASP (FLS): Procurement of additional 2 sensor packages in FY 2027. Current procurement profile provides increased capability to INDOPACOM consistent with requirements and required delivery schedules.

CE 3.1.3 Viperfish (UUV): Procurement of initial production units of 2 deep water expeditionary UUVs in FY27. These initial production units will be used to assess production readiness and begin to outfit the recently manned ExMCM companies 13-18 that currently do not have deep water UUV capability.

CE 3.1.4 LIONFISH MSE: Procurement quantities of 2 units in FY 2027 for a favorable UUV step ladder pricing.

CE 3.1.5 Viperfish MSE: Procurement of initial set of mission support equipment for deep water expeditionary UUVs with baseline appropriations begins in FY28 to support when UUVs are delivered to operational forces. These MSE units will leverage configuration commonality with Lionfish MSE units, and will provide storage, maintenance, charging, transportation and other operational support to the initial Viperfish UUVs to be produced in the same year. Deep Water MSE is required to outfit the recently manned ExMCM companies 13-18 that currently do not have deep water UUV capability.

CE 3.1.6 and 3.1.7 Expeditionary UUV Production Engineering and Initial Training: All production engineering and operational force training for these newly fielded systems.

CE 6.1.1 - MEDUSA: FY 2027 zero's funding for MEDUSA production.

CE 5.1.1 TETRA: The FY 2025 budget for Small and Medium Unmanned Undersea Vehicles (UUVs) program included $2,592K and quantity of 1 Tetra Remotely Operated Vehicle (ROV) 2 Tetra Payload Packages of discretionary funding and $157,607K and quantity of 26 Remotely Operated Vehicles (ROVs), 15 Ancillary Equipment kits (Launch and Recovery Canisters), and payload packages for the TETRA system of mandatory funding for a total of $160,199K and a quantity of 27 ROVs, 2 Tetra Payload Packages, 15 Ancillary Equipment Kits and multiple payload packages. The mandatory funds support Tetra and Bootstrap system procurement.

CE 7.1.1 -7.1.9 Now 6.1.1 Razorback MK19: FY27 funding will support procurement of the first two MK19 Next Generation variant of vehicles and SAFECAPs. Funding is also required to procure Passive Propigation Resistant (PPR) battery upgrade kits and IPOE payloads for the MK19 vehicles. The FY 2026 request for MK19 program includes $0 and quantity of 0 of discretionary funding and $6,000 and quantity of 0 of FY25 mandatory funding for a total of $6,000 and a quantity of 0. The mandatory funds supported MK19 engineering services and fielding efforts.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	P-1 Line Item Number / Title: 1611 / Small & Medium UUV	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0604218N, 0604028N	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

The FY 2027 request for MK19 program includes $13,552 and quantity of 2 vehicles, sub support equipment, SAFECAPs Payloads and Battery kits discretionary funding and $0 and quantity of mandatory funding. Further information for this reconciliation request will be provided in the Reconciliation Exhibit.

FY2026 budget of MK 18 MOD 3 Lionfish program a quantity of 52 Lionfish (SUUV), 6 Lionfish Forward Looking Sonar (FLS), and 17 Lionfish Mission Support Equipment (MSE) sets. The FY2026 funds support additional procurements of Lionfish and associated equipment to accelerate attainment of Mine Countermeasures (MCM) UUVs to equip 6 newly established ExMCM companies that require UUVs. The FY2027 request for the MK 18 MOD 3 Lionfish program includes $13,922k of discretionary funding for a quantity of 5 Lionfish (SUUV), 2 Lionfish Forward Looking Sonar (FLS), and 2 Lionfish Mission Support Equipment (MSE) sets, and $0k of mandatory funding. Continued discretionary procurement funding in FY 2027 and beyond will advance the number of fielded units towards the fleet's inventory objective plus associated sensors and support equipment, to enable existing ExMCM companies to replace legacy MK 18 MOD 1 UUVs that are reaching or are beyond end of life. Further information for this reconciliation request will be provided in the Reconciliation Exhibit.

FY2026 budget of MK 18 MOD 4 Viperfish program funds a quantity of 7 Viperfish (Deep Water UUV) and 4 Viperfish Mission Support Equipment (MSE) sets. The FY2026 funds support initial procurements of Viperfish and associated equipment to accelerate attainment of Deep Water UUVs to equip 6 newly established ExMCM companies that require deep water UUVs. The FY2027 request for the MK 18 MOD 4 Viperfish program funds a quantity of 2 Viperfish (SUUV) and 0 Viperfish Mission Support Equipment (MSE) sets. Continued procurement funding in FY 2027 and beyond will advance the number of fielded units to continue to equip the 6 newly established ExMCM companies, and then continue towards the full fleet inventory objective to replace existing legacy Deep Water MK 18 MOD 2 UUVs that are reaching or are beyond end of life.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1611 / Small & Medium UUV	**Item Number / Title [DODIC]:** 1 / Small & Medium UUV
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	217.244	48.780	7.000	110.955	0.000	110.955
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	217.244	48.780	7.000	110.955	0.000	110.955
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**217.244**	**48.780**	**7.000**	**110.955**	**0.000**	**110.955**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	8.681	-	3.868	-	3.868
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Hardware - 5N001 KNIFEFISH (SMCM UUV w/LFBB) Cost																		
Recurring Cost																		
1.1.1) Knifefish Retrofit Kits	-	-	13.250	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	*13.250*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Non Recurring Cost																		
1.2.1) Production Engineering	-	-	1.750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	*1.750*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - 5N001 KNIFEFISH (SMCM UUV w/ LFBB) Cost	**-**	**-**	***15.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Hardware - 5N200 MK 18 UUV FAMILY OF SYSTEMS Cost																		
Recurring Cost																		
2.1.1) MK 18 MOD 2 UUV	1,711K	9	15.402	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.2) MK 18 Auxiliary & Mission Support Equipment	381,545.45	11	4.197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.3) MK 18 MOD 2 Advanced Sensor Kits (SSAM)	615,000.00	6	3.690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.4) MK 18 MOD 2 Advanced Sensor Kits (ATLAS)	425,000.00	5	2.125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1611 / Small & Medium UUV	Item Number / Title [DODIC]: 1 / Small & Medium UUV
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
2.1.5) MK 18 Advanced Sensor Package (FLS)	1,080K	10	10.800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.6) MK 18 Advanced Sensor Package (SAS)	1,451K	10	14.506	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.7) MK 18 Advanced Sensor Package (VCM Kits)	150,000.00	18	2.700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.8) MK 18 MOD 2 Retrofit Kits (Inc II)	1,258K	5	6.292	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.9) MK 18 Family of Systems Production Engineering	-	-	5.817	-	-	1.312	-	-	-	-	-	-	-	-	-	-	-	-
2.1.10) MK 18 MOD FoS OCO Reset	-	-	2.946	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.1.11) MK18 Advanced Sensors Package Commercialization Transition Maturation	-	-	4.836	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	*73.311*	-	-	*1.312*	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - 5N200 MK 18 UUV FAMILY OF SYSTEMS Cost	**-**	**-**	***73.311***	**-**	**-**	***1.312***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Hardware - 5N300 MARITIME EXPEDITIONARY MCM UUV Cost																		
Recurring Cost																		
3.1.1) LIONFISH (SUUV)(†) (1)	1,347K	25	33.682	1,358K	12	16.298	-	-	-	1,340K	5	6.702	-	-	-	1,340K	5	6.702
3.1.2) LIONFISH Advanced Sensor Package (FLS)(†) (2)	-	-	-	-	-	-	-	-	-	1,059K	2	2.118	-	-	-	1,059K	2	2.118
3.1.3) VIPERFISH (DEEPWATER UUV)(†) (3)	-	-	-	-	-	-	-	-	-	2,275K	2	4.550	-	-	-	2,275K	2	4.550
3.1.4) LIONFISH MSE(†) (4)	665,333.33	9	5.988	1,631K	3	4.894	-	-	-	1,507K	2	3.014	-	-	-	1,507K	2	3.014
3.1.6) Expeditionary UUV Production Engineering (5)	-	-	5.217	-	-	0.925	-	-	-	-	-	1.288	-	-	-	-	-	1.288
3.1.7) Expeditionary UUV Initial Training (6)	-	-	1.589	-	-	0.403	-	-	-	-	-	0.800	-	-	-	-	-	0.800

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1611 / Small & Medium UUV	Item Number / Title [DODIC]: 1 / Small & Medium UUV
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Subtotal: Recurring Cost	-	-	*46.476*	-	-	*22.520*	-	-	-	-	-	*18.472*	-	-	-	-	-	*18.472*
Subtotal: Hardware - 5N300 MARITIME EXPEDITIONARY MCM UUV Cost	**-**	**-**	***46.476***	**-**	**-**	***22.520***	**-**	**-**	**-**	**-**	**-**	***18.472***	**-**	**-**	**-**	**-**	**-**	***18.472***
Hardware - 5N004 NAVAL SPECIAL WARFARE FORCES MK18 UUV Cost																		
Recurring Cost																		
4.1.1) SUPPORT EQUIPMENT (7)	-	-	0.698	-	-	0.081	-	-	-	-	-	0.977	-	-	-	-	-	0.977
4.1.2) NSW LIONFISH(†) (8)	1,358K	11	14.936	1,486K	3	4.458	-	-	-	1,546K	4	6.183	-	-	-	1,546K	4	6.183
Subtotal: Recurring Cost	-	-	*15.634*	-	-	*4.539*	-	-	-	-	-	*7.160*	-	-	-	-	-	*7.160*
Subtotal: Hardware - 5N004 NAVAL SPECIAL WARFARE FORCES MK18 UUV Cost	**-**	**-**	***15.634***	**-**	**-**	***4.539***	**-**	**-**	**-**	**-**	**-**	***7.160***	**-**	**-**	**-**	**-**	**-**	***7.160***
Hardware - 5N100 TETRA Cost																		
Recurring Cost																		
5.1.1) TETRA - Remotely Operated Vehicle (ROV)(†) (9)	1,208K	6	7.249	1,397K	1	1.397	-	-	-	1,632K	2	3.264	-	-	-	1,632K	2	3.264
5.1.2) Ancillary Equipment Kit - TETRA(†) (10)	2,058K	3	6.175	-	-	-	-	-	-	4,463K	1	4.463	-	-	-	4,463K	1	4.463
5.1.3) Payload Packages - TETRA(†) (11)	446,166.67	6	2.677	597,500.00	2	1.195	-	-	-	250,000.00	2	0.500	-	-	-	250,000.00	2	0.500
5.1.4) Classifed Project (12)	-	-	-	-	-	-	-	-	-	-	-	54.050	-	-	-	-	-	54.050
Subtotal: Recurring Cost	-	-	*16.101*	-	-	*2.592*	-	-	-	-	-	*62.277*	-	-	-	-	-	*62.277*
Subtotal: Hardware - 5N100 TETRA Cost	**-**	**-**	***16.101***	**-**	**-**	***2.592***	**-**	**-**	**-**	**-**	**-**	***62.277***	**-**	**-**	**-**	**-**	**-**	***62.277***
Hardware - 5N210 Razorback MK19 Cost																		
Recurring Cost																		
6.1.1) Razorback MK19 Upgrades/ Backfits(†)	-	-	17.033	1,856K	5	9.280	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1611 / Small & Medium UUV	Item Number / Title [DODIC]: 1 / Small & Medium UUV
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
6.1.2) Razorback MK19 Production Engineering	-	-	13.020	-	-	4.393	-	-	-	-	-	0.525	-	-	-	-	-	0.525
6.1.3) Razorback MK19 Installation	-	-	20.669	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.1.4) Razorback MK19 Fielding	-	-	-	-	-	4.144	-	-	-	-	-	-	-	-	-	-	-	-
6.1.5) Razorback MK19 Vehicle Procurement(†) (13)	-	-	-	-	-	-	-	-	-	2,800K	2	5.600	-	-	-	2,800K	2	5.600
6.1.6) Razorback MK19 Sub Support Equipment(†) (14)	-	-	-	-	-	-	-	-	-	1,500K	2	3.000	-	-	-	1,500K	2	3.000
6.1.7) Razorback MK19 SAFECAP(†) (15)	-	-	-	-	-	-	-	-	-	1,200K	2	2.400	-	-	-	1,200K	2	2.400
6.1.8) Razorback MK19 Payloads	-	-	-	-	-	-	-	-	-	646,000.00	2	1.292	-	-	-	646,000.00	2	1.292
6.1.9) Razorback MK19 PPR Battery Kits(†) (16)	-	-	-	-	-	-	-	-	-	260,000.00	2	0.520	-	-	-	260,000.00	2	0.520
Subtotal: Recurring Cost	-	-	*50.722*	-	-	*17.817*	-	-	-	-	-	*13.337*	-	-	-	-	-	*13.337*
Subtotal: Hardware - 5N210 Razorback MK19 Cost	**-**	**-**	***50.722***	**-**	**-**	***17.817***	**-**	**-**	**-**	**-**	**-**	***13.337***	**-**	**-**	**-**	**-**	**-**	***13.337***
Hardware - 5N210 Razorback w/ Classified Payload Cost																		
Recurring Cost																		
7.1.1) Razorback Classified Payload Vehicle(†) (17)	-	-	-	-	-	-	-	-	-	2,800K	2	5.600	-	-	-	2,800K	2	5.600
7.1.2) Classified Payload (18)	-	-	-	-	-	-	-	-	-	-	-	1.547	-	-	-	-	-	1.547
7.1.3) Classified Payload Vehicle Production Engineering	-	-	-	-	-	-	-	-	-	-	-	0.362	-	-	-	-	-	0.362
7.1.4) SAFECAP(†)	-	-	-	-	-	-	-	-	-	1,100K	2	2.200	-	-	-	1,100K	2	2.200
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	*9.709*	-	-	-	-	-	*9.709*
Subtotal: Hardware - 5N210 Razorback w/ Classified Payload Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***9.709***	**-**	**-**	**-**	**-**	**-**	***9.709***

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1611 / Small & Medium UUV	Item Number / Title [DODIC]: 1 / Small & Medium UUV
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Hardware - Congressional add Cost																		
Non Recurring Cost																		
8.1.1) Congressional add	-	-	-	-	-	-	-	-	7.000	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	*7.000*	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - Congressional add Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***7.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gross/Weapon System Cost	**-**	**-**	**217.244**	**-**	**-**	**48.780**	**-**	**-**	**7.000**	**-**	**-**	**110.955**	**-**	**-**	**0.000**	**-**	**-**	**110.955**

Remarks:

[Hardware] Beginning in FY21 and continuing across the FYDP, funding previously included in OPN LI 0977 for procurement of Expeditionary Mine Countermeasures (ExMCM), Unmanned Undersea Vehicles (UUVs) is now included in the Small And Medium Class UUV OPN LI 1611. MK18 FOS enables expeditionary forces to conduct mine countermeasure operations from various platforms.

[Hardware] P5/Razorback w/ Classified Payload: the funding for the procurement of a classified payload and a Razorback variant vehicle to carry the payload, augmenting the capability of the Razorback vehicles.

(†) indicates the presence of a P-5a

Footnotes:

(1) CE 3.1.1. Lionfish (SUUV): Provides for procurement of Lionfish vehicles, including energy modules, propulsion and forward sections, and afloat equipment, including surface communication stations, hard drive docking stations, and containers. These SUUVs will be employed in support of Expeditionary Mine Countermeasures. Initial procurement supports the recently growth in ExMCM forces, including companies 13-18, and follow on replacement of the legacy MK 18 MOD 1 SUUV in ExMCM companies 1-12. Lionfish (SUUV) Cost Element included $0 of discretionary funding, and $68,453k of mandatory funding for a quantity of 52 Lionfish (SUUV). The FY2026 mandatory funds support additional procurements of Lionfish and associated equipment to accelerate attainment of Mine Countermeasures (MCM) UUVs to equip 6 newly established ExMCM companies that require UUVs.

(2) CE 3.1.2 LIONFISH Advanced Sensor Package (FLS): Provides for procurement of Advanced Sensor Package Forward Look Sonar-9 inch (FLS-9), which will be employed in support of Expeditionary Mine Countermeasures. Capabilities include obstacle avoidance, volume target detection and intelligence preparation of the environment (IPOE) missions. This procurement supports the capacity growth of the Navy's Expeditionary MCM force to 18 companies over the FYDP. These sensors will outfit companies 13-18. Lionfish Advanced Sensor Package included $0 of discretionary funding, and $6,653k of mandatory funding for a quantity of 6 Forward Looking Sonar (FLS). The FY2026 mandatory funds support additional procurements of advanced sensors to accelerate attainment of the inventory objective of these sensors to detect underwater moored mines in the volume.

(3) 3.1.3 VIPERFISH (MEMUUV): These resources procure the next generation of deep water variant vehicles of the Maritime Expeditionary MCM UUV. This procurement supports the capacity growth of the Navy's Expeditionary MCM force to 18 companies over the FYDP. FY28 unit cost increases reflect the inclusion of FLS-9. Going forward, FLS-9 is integrated into vehicle procurement costs due to its status as a required sensor for VF operations. Viperfish (Deep Water UUV) included $0 of discretionary funding, and $23,683k of mandatory funding for a quantity of 7 Deep water capable next generation UUVs. The FY2026 mandatory funds support initial procurements of Viperfish and associated equipment to accelerate attainment of Deep Water UUVs to equip 6 newly established ExMCM companies that require deep water Mine Countermeasure capability.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1611 / Small & Medium UUV	Item Number / Title [DODIC]: 1 / Small & Medium UUV
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

(4) CE 3.1.4 LIONFISH MSE: These resources procure the Mission Support Equipment (MSE) for the Small Maritime Expeditionary MCM UUV family of systems. The requisite MSE includes, but is not limited to, shipboard charging containers and specifically outfitted UUV maintenance support shelter. Charging containers will increase cost of MSE. Lithium-ion battery safety test was performed and determined this to be a requirement. The increase in FY2027 realigns Mission Support Computer (MSC), IT Kits, and Visual Automatic Target Recognition (V-ATR) Common Module (VCM) and VCM integration costs from CE 3.1.1 into 3.1.5 to ensure all T-Rex and MSE procurement items are transparent. Lionfish Mission Support Equipment (MSE) included $0 of discretionary funding, and $23,526k of mandatory funding for a quantity of 17 Mission Support Equipment sets. The FY2026 mandatory funds support additional procurements of additional MSE sets in support of the additional UUV procurements. MSE includes storage/maintenance shelters, battery charging, sensor integration kits, transport carts, containers, and other support equipment essential for safe and effective operation and maintenance of the Lionfish UUVs

(5) CE 3.1.6 MEMUUV Production Engineering: Funding supports the increased production of MEMUUV family of systems requiring additional production support to include production contract award, first article test, factory acceptance tests and government acceptance testing. This line enables the rapid and seamless transition from development to production, which is critical to the schedule for delivery of these Expeditionary MCM UUVs. The Navy's Expeditionary MCM Capacity is growing to 18 companies over the course of the FYDP which requires additional and accelerated production of equipment by industry and government partners. In FY 2027, funding will also be required for support of Forward Looking Sonar (FLS) procurement. Increase in Production Engineering requirements from FY28-FY29 due to stand-up and initiation of Viperfish full rate production capability alongside Lionfish full rate production. Expeditionary UUV Production Engineering included $0 of discretionary funding, and $14,234k of mandatory funding to surge production engineering efforts for both the Lionfish and Viperfish programs, including UUV lines, various support equipment lines, and advanced sensor payloads lines, commensurate with the dramatic increase in mandatory funding procurement of UUVs, advanced sensors, and mission support equipment in FY26.

(6) CE 3.1.7 MEMUUV INITIAL TRAINING: Funding provides resources needed due to the increase in training requirements due to fielding of new systems and incremental upgrades to existing systems. This training is required based on execution of acquisition programs. Increase in Initial Training funding in FY28 due to Viperfish introduction to fleet while Lionfish training ongoing. Expeditionary UUV Initial Training included $0 of discretionary funding, and $1,878k of mandatory funding to surge initial training efforts for both the Lionfish and Viperfish programs, commensurate with the dramatic increase in mandatory funding procurement and subsequent deliveries of UUVs and associated equipment.

(7) CE 4.1.1 Supports funding across the FYDP for partial procurement of support equipment.

(8) CE 4.1.2 FY 2027 NSW will procure four LIONFISH SUUV and support equipment.

(9) CE 5.1.1 TETRA: Increase in FY 2027 to fund 2 Remotely Operated Vehicles (ROV) and 1 TETRA System Shipset per year across the FYDP, vice incrementally funding TETRA System Shipsets prior to FY 2026. Each TETRA System Shipset contains a mission-dependent payload package and payload ancillary equipment to support installation and operations in the torpedo room. Large increase in FY 2027 due to funding for classified capabilities.

(10) CE 5.1.2 TETRA: TETRA Ancillary Equipment Kits include (5) vehicle fiber packs, (2) Launch and Recovery Canisters (L&RC), (5) launcher fiber packs, (2) Control and Display Consoles (C&DCs), (1) VIRGINIA Stowage Pallet (VSP), and (1) Special Tools and Test Equipment (STTE) kit, TEMPALT Stowage Containers (TGSCs), Cradle Stowage Containers (CSCs), loading poles, bridging trays, Voice Over IP Phone (VOIP), junction boxes, mission control laptops, toughpads, Fiber Optic Penetrator (FOP) support equipment, etc. Funding increase in FY 2027 required to fully fund TETRA System Shipset Ancillary Equipment Kits, vice incrementally funding TETRA System Shipset Ancillary Equipment Kits prior to FY 2027. Additional funding increase to support TETRA-owned torpedo room equipment, previously borrowed from legacy system Shipsets.

(11) CE 5.1.3 TETRA: The TETRA system is comprised of ROVs equipped with various payload(s). Each TETRA System Shipset contains a mission-dependent payload package and payload ancillary equipment. Multiple payloads were developed & selected in FY22 and FY23, prior to a Shipset payload being selected by the resource sponsor. Increase in FY27 from FY26 is due to increase in unit quantity and variation in payload package unit cost, which is driven by complexity of mission-specific payload requirements.

(12) The Classified Project program is an operational capability addressing specific Combatant Commander's evolving and emergent operational requirements. Spiral developments to meet the evolving threat will leverage ongoing Navy, DARPA, and commercial research efforts including processing and command and control technology. The project will continue to operationalize the effectiveness of Government-owned classified mission payloads focused on delivering military effects within the designated AOR.

(13) Razorback CE 8.1.5: Funding to procure 2 next generation MK19 vehicles in FY27

(14) Razorback CE 8.1.6: Razorback MK19 Sub Support Systems consist of submarine modification kits in support of Razorback MK19 deployment, as well as Razorback MK19 vehicle operational and maintenance equipment.

(15) Razorback CE 8.1.7: A SAFECAP consists of operational and maintenance equipment required to safely ship, stow, and deploy a Razorback vehicle from a submarine torpedo tube.

(16) Razorback CE 8.1.9: Funding supports PPR battery upgrade kits.

(17) CE 8.1.1 Razorback Classified Payload Vehicle FY27 funding will support procurement of the first two vehicles.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1611 / Small & Medium UUV	Item Number / Title [DODIC]: 1 / Small & Medium UUV
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	

(18) CE 8.12 Classified Payload FY27 funding will support procurement of the first classified payload.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1611 / Small & Medium UUV	Item Number / Title [DODIC]: 1 / Small & Medium UUV

Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
3.1.1) LIONFISH (SUUV)(†)		2025	Huntington Ingalls Industries , HII / Pocasset, MA	C / FFP	NAVSEA	Nov 2024	Feb 2025	12	1,358K	N	Nov 2025	
3.1.2) LIONFISH Advanced Sensor Package (FLS)		2027	ARL / UT	C / FFP	** NO PCO **	Aug 2027	Aug 2027	2	1,059K	N	Aug 2027	
3.1.3) VIPERFISH (DEEPWATER UUV)		2027	Huntington Ingalls Industries , HII / Pocasset, MA	C / FFP	** NO PCO **	Jun 2027	Jun 2027	2	2,275K	N	Jun 2027	
3.1.4) LIONFISH MSE(†)		2025	Huntington Ingalls Industries , HII / Pocasset, MA	C / FFP	** NO PCO **	Nov 2024	Nov 2025	3	1,631K	N	Nov 2025	
3.1.4) LIONFISH MSE(†)		2027	Huntington Ingalls Industries , HII / Pocasset, MA	C / TBD	** NO PCO **	Nov 2026	Nov 2026	2	1,507K	N	Nov 2026	
4.1.2) NSW LIONFISH(†)		2025	Hydroid, Inc / MA	C / FFP	** NO PCO **	Mar 2025	Mar 2026	3	1,486K	Y		
5.1.1) TETRA - Remotely Operated Vehicle (ROV)		2024	Oceaneering (19) / Hanover, MD	Various	** NO PCO **	Jan 2024	Sep 2025	3	1,309K	Y		Dec 2023
5.1.1) TETRA - Remotely Operated Vehicle (ROV)		2025	Oceaneering (19) / Hanover, MD	Various	** NO PCO **	Jan 2025	Sep 2026	1	1,397K	Y		Jul 2024
5.1.2) Ancillary Equipment Kit - TETRA		2024	Oceaneering / Hanover, MD	Various	** NO PCO **	Jan 2024	Dec 2026	1	3,364K	Y		Dec 2023
5.1.3) Payload Packages - TETRA		2025	Applied Research Lab / Austin, Tx	Various	** NO PCO **	Oct 2024	Dec 2025	2	597,500.00	Y		Jun 2024
6.1.1) Razorback MK19 Upgrades/ Backfits		2025	Huntington Ingalls Industries , HII / Pocasset, MA	C / TBD	** NO PCO **	Apr 2026	Oct 2026	5	1,856K	N		
6.1.5) Razorback MK19 Vehicle Procurement(†)		2027	TBD / TBD	C / TBD	TBD	Mar 2027	Mar 2028	2	2,800K	N		Feb 2026
6.1.6) Razorback MK19 Sub Support Equipment		2027	TBD / TBD	C / TBD	TBD	Dec 2026	Dec 2027	2	1,500K	N		Feb 2026
6.1.7) Razorback MK19 SAFECAP		2027	TBD / TBD	C / TBD	TBD	Dec 2026	Dec 2027	2	1,200K	N		Feb 2026
6.1.9) Razorback MK19 PPR Battery Kits		2027	New MFG - Name / New MFG - Loc	C / TBD	NUWC NPT	Dec 2026	Dec 2027	2	260,000.00	N		Feb 2026
7.1.1) Razorback Classified Payload Vehicle(†)		2027	TBD / TBD	C / TBD	TBD	Mar 2027	Mar 2028	2	2,800K	N		Feb 2026
7.1.4) SAFECAP		2027	TBD / TBD	C / TBD	TBS	Dec 2026	Dec 2027	2	1,100K	N		Feb 2026

(†) indicates the presence of a P-21

Footnotes:

(19) Initial procurement utilized in-house components. Reorder procurement lead time refined once initial procurement with Oceaneering was accomplished in FY22.

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1611 / Small & Medium UUV	**Item Number / Title [DODIC]:** 1 / Small & Medium UUV

Cost Elements (Units in Each)							Fiscal Year 2024												Fiscal Year 2025											BALANCE
							Calendar Year 2024												Calendar Year 2025											
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2023	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3.1.1) LIONFISH (SUUV) (1)																														
Prior Years Deliveries: 25																														
	1	2025	NAVY	12	0	12														A -	-	-	12								0
3.1.4) LIONFISH MSE (4)																														
Prior Years Deliveries: 9																														
	2	2025	NAVY	3	0	3														A -	-	-	-	-	-	-	-	-	-	-	3
	2	2027	NAVY	2	0	2																									2
4.1.2) NSW LIONFISH (8)																														
Prior Years Deliveries: 11																														
	3	2025	NAVY	3	0	3																		A -	-	-	-	-	-	-	3
6.1.5) Razorback MK19 Vehicle Procurement (13)																														
	4	2027	NAVY	2	0	2																									2
7.1.1) Razorback Classified Payload Vehicle (17)																														
	5	2027	NAVY	2	0	2																									2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1611 / Small & Medium UUV	**Item Number / Title [DODIC]:** 1 / Small & Medium UUV

Cost Elements (Units in Each)							Fiscal Year 2026												Fiscal Year 2027												BALANCE
							Calendar Year 2026												Calendar Year 2027													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2025	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3.1.1) LIONFISH (SUUV) [1]																															
Prior Years Deliveries: 25																															
	1	2025	NAVY	12	12	0																									0
3.1.4) LIONFISH MSE [4]																															
Prior Years Deliveries: 9																															
	2	2025	NAVY	3	0	3	-	3																							0
	2	2027	NAVY	2	0	2														A2											0
4.1.2) NSW LIONFISH [8]																															
Prior Years Deliveries: 11																															
	3	2025	NAVY	3	0	3	-	-	-	-	-	3																			0
6.1.5) Razorback MK19 Vehicle Procurement [13]																															
	4	2027	NAVY	2	0	2																		A -	-	-	-	-	-	-	2
7.1.1) Razorback Classified Payload Vehicle [17]																															
	5	2027	NAVY	2	0	2																		A -	-	-	-	-	-	-	2
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1611 / Small & Medium UUV	**Item Number / Title [DODIC]:** 1 / Small & Medium UUV

Cost Elements (Units in Each)							Fiscal Year 2028												Fiscal Year 2029												BALANCE
							Calendar Year 2028												Calendar Year 2029													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2027	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
3.1.1) LIONFISH (SUUV) [1]																															
Prior Years Deliveries: 25																															
	1	2025	NAVY	12	12	0																									0
3.1.4) LIONFISH MSE [4]																															
Prior Years Deliveries: 9																															
	2	2025	NAVY	3	3	0																									0
	2	2027	NAVY	2	2	0																									0
4.1.2) NSW LIONFISH [8]																															
Prior Years Deliveries: 11																															
	3	2025	NAVY	3	3	0																									0
6.1.5) Razorback MK19 Vehicle Procurement [13]																															
	4	2027	NAVY	2	0	2	-	-	-	-	-	2																			0
7.1.1) Razorback Classified Payload Vehicle [17]																															
	5	2027	NAVY	2	0	2	-	-	-	-	-	1	1																		0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1611 / Small & Medium UUV	**Item Number / Title [DODIC]:** 1 / Small & Medium UUV

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Huntington Ingalls Industries , HII - Pocasset, MA			75	0	0	0	0	0	0	0	0
2	Huntington Ingalls Industries , HII - Pocasset, MA			TBD	0	0	0	0	0	0	0	0
3	Hydroid, Inc - MA	1	6	6	12	0	0	0	12	0	12	12
4	TBD - TBD	2	2	4	8	5	12	17	0	1	12	13
5	TBD - TBD	1	2	4	8	5	12	17	0	1	12	13

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1612 / Large UUV

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0604031N	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	0.000	222.998	0.000	222.998	208.236	1.358	1.395	1.423	-	435.410
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.000	222.998	0.000	222.998	208.236	1.358	1.395	1.423	-	435.410
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**0.000**	**222.998**	**0.000**	**222.998**	**208.236**	**1.358**	**1.395**	**1.423**	**-**	**435.410**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Dragonfish Large Unmanned Underwater Vehicle (LUUV) addresses a priority Fleet requirement for a below-water Intelligence, Surveillance, and Reconnaissance (ISR) task with classification of targets of interest and activation of a purpose-built payload. The system consists of a vehicle, a payload, and a support system. The Dragonfish LUUV is the result of a Defense Innovation Unit (DIU) Commercial Solutions Opening (CSO) that assessed commercially available LUUVs. Dragonfish provides the ability to have a dispersed, long range, persistent underwater sensing and payload delivery platform to use in a contested environment. The platform will be large diameter, scalable, low-cost autonomous unmanned system with persistent reach and payload capacity to conduct desired mission sets.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1612 / Large UUV

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0604031N	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	1 / Large UUV	P-5a, P-21			- / 0.000	- / 0.000	- / 0.000	- / 222.998	- / 0.000	- / 222.998
P-40	**Total Gross/Weapon System Cost**				**- / 0.000**	**- / 0.000**	**- / 0.000**	**- / 222.998**	**- / 0.000**	**- / 222.998**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY2027 funds support full rate production at a unit cost of $4,884 thousand per vehicle, based on DIU prototype design OTA cost in FY2026. An allocation of $4,902 thousand for support systems includes handling equipment such as trailers, tow hitches, straps, and forklift, all the items necessary to move the vehicles around from storage to the water. Remaining $1,893 thousand for production engineering, supports program management and reporting.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1612 / Large UUV	**Item Number / Title [DODIC]:** 1 / Large UUV
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	0.000	222.998	0.000	222.998
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.000	222.998	0.000	222.998
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**0.000**	**222.998**	**0.000**	**222.998**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Hardware - Dragonfish Cost																		
Non Recurring Cost																		
1.1.1) Dragonfish(†) (1)	-	-	-	-	-	-	-	-	-	4,805K	45	216.203	-	-	-	4,805K	45	216.203
1.1.2) Support System	-	-	-	-	-	-	-	-	-	-	-	4.902	-	-	-	-	-	4.902
1.1.3) Production Engineering	-	-	-	-	-	-	-	-	-	-	-	1.893	-	-	-	-	-	1.893
Subtotal: Non Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	*222.998*	-	-	-	-	-	*222.998*
Subtotal: Hardware - Dragonfish Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***222.998***	**-**	**-**	**-**	**-**	**-**	***222.998***
Gross/Weapon System Cost	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**222.998**	**-**	**-**	**0.000**	**-**	**-**	**222.998**

Remarks:
[Hardware] Dragonfish system consists of a vehicle, a payload, and a support system.

(†) indicates the presence of a P-5a

Footnotes:
(1) unit cost based on the production OTA unit costs from DIU with an escalation of three percent from the prototype OTA costs

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1612 / Large UUV	Item Number / Title [DODIC]: 1 / Large UUV

Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.1) Dragonfish(†)		2027 (2)	Anduril / North Kingstown, RI	TBD	NAVSEA	Jan 2027	Jul 2027	45	4,805K	Y		Feb 2026

(†) indicates the presence of a P-21

Footnotes:

(2) Dates and vendors are based on initial procurement estimates and will be updated based on awards

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1612 / Large UUV	**Item Number / Title [DODIC]:** 1 / Large UUV

Cost Elements (Units in Each)							Fiscal Year 2027												Fiscal Year 2028												BALANCE
							Calendar Year 2027												Calendar Year 2028													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.1) Dragonfish [1]																															
	1	2027	NAVY	45	0	45				A -	-	-	-	-	-	4	4	4	4	4	4	4	4	4	4	5					0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1612 / Large UUV	**Item Number / Title [DODIC]:** 1 / Large UUV

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Anduril - North Kingstown, RI	3	45	50	0	3	6	9	0	0	6	6

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1613 / Extra Large UUV

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0604536N	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	0.000	135.802	0.000	135.802	243.359	286.965	292.019	167.273	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.000	135.802	0.000	135.802	243.359	286.965	292.019	167.273	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**0.000**	**135.802**	**0.000**	**135.802**	**243.359**	**286.965**	**292.019**	**167.273**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Combat Autonomous Maritime Platform (CAMP) Extra Large Unmanned Undersea Vehicle (XLUUV) is a Navy's Extra Large UUV effort as part of the Family of UUVs. CAMP XLUUV is a multi-phased accelerated acquisition effort to rapidly deliver capability to the Fleet. CAMP XLUUV's will have a modular payload bay, with defined interfaces that will support current and future payloads. The XLUUV effort will include support of future systems and integration of current and future payloads. Providing the Navy with unprecedented optionality for scalable payloads and sensor suites tailored for missions ranging from surveillance to strike. Liberator is a stationary undersea system positioned on the seabed for operationally relevant durations to provide payloads in designated areas to partially address capability gaps.

The FY 2026 spend plan for Extra Large Unmanned Undersea Vehicle includes $0 thousand of discretionary and $3,313 thousand of mandatory (reconciliation) for a total of $3,313 thousand. The mandatory funds support equipment costs and readiness for XLUUV.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 15: Other Ship Support	**P-1 Line Item Number / Title:** 1613 / Extra Large UUV

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0604536N	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-5	1 / Extra Large UUV	P-5a, P-21			- / 0.000	- / 0.000	- / 0.000	- / 135.802	- / 0.000	- / 135.802
P-40	**Total Gross/Weapon System Cost**				**- / 0.000**	**- / 0.000**	**- / 0.000**	**- / 135.802**	**- / 0.000**	**- / 135.802**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
The FY 2027 request for Extra Large Unmanned Undersea Vehicles (XLUUV) includes $135,802 thousand Other Procurement, Navy. This funding supports the CAMP projects' first year of production with two XLUUV vendors after a prototyping effort in FY 2026. XLUUV Vehicle production (1.1.2) is estimated at $120,000 thousand based procurement of three vehicles at a unit price of $40,000 thousand per vehicle, estimated based on prototype pricing from two vendors with a payload deployment module that is continuing to be prototyped in FY 2026 under a Defense Innovation Unit Prototype Other Transaction Authority Agreement. Production Engineering (1.1.1) is estimated at $7,944 thousand to support production-related engineering change proposals (ECPs) for first-article builds, software and cybersecurity ECPs for first-article builds, acceptance testing, initial training, and production related data deliverables for vehicle operations and maintenance by Fleet operators. Support Equipment (1.1.3) is estimated at $7,858 thousand to support procurement of refueling and recharging equipment, Packaging Shipping, Handling and Transportation (PHS&T) equipment, and Common Support Equipment (CSE) to enable fleet operations of the vehicles.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1613 / Extra Large UUV	**Item Number / Title [DODIC]:** 1 / Extra Large UUV
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	0.000	0.000	0.000	135.802	0.000	135.802
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	0.000	135.802	0.000	135.802
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**0.000**	**135.802**	**0.000**	**135.802**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-

Note: Subtotals or Totals in this Exhibit P-5 may not be exact or sum exactly due to rounding.

Cost Elements	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Hardware - XLUUV Cost																		
Recurring Cost																		
1.1.1) Production Engineering	-	-	-	-	-	-	-	-	-	-	-	27.944	-	-	-	-	-	27.944
1.1.2) XLUUV Vehicle(†) (1)	-	-	-	-	-	-	-	-	-	40,000K	2	80.000	-	-	-	40,000K	2	80.000
1.1.3) Support Equipment	-	-	-	-	-	-	-	-	-	-	-	27.858	-	-	-	-	-	27.858
Subtotal: Recurring Cost	-	-	-	-	-	-	-	-	-	-	-	*135.802*	-	-	-	-	-	*135.802*
Subtotal: Hardware - XLUUV Cost	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***135.802***	**-**	**-**	**-**	**-**	**-**	***135.802***
Gross/Weapon System Cost	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**0.000**	**-**	**-**	**135.802**	**-**	**-**	**0.000**	**-**	**-**	**135.802**

(†) indicates the presence of a P-5a

Footnotes:

(1) unit cost estimated based on prototype pricing from two vendors with a payload deployment module that being prototyped in FY 2026 under DIU

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	P-1 Line Item Number / Title: 1613 / Extra Large UUV	Item Number / Title [DODIC]: 1 / Extra Large UUV

Cost Elements	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1.1.2) XLUUV Vehicle(†)		2027	Anduril (2) / Quonset Point, RI	Various	NAVSEA	Aug 2027	May 2028	2	40,000K	Y		Feb 2026

(†) indicates the presence of a P-21

Footnotes:

(2) Dates and vendors are based on initial procurement estimates and will be updated based on awards

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1613 / Extra Large UUV	**Item Number / Title [DODIC]:** 1 / Extra Large UUV

Cost Elements (Units in Each)							Fiscal Year 2027												Fiscal Year 2028											BALANCE
							Calendar Year 2027												Calendar Year 2028											
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2026	BAL DUE AS OF 1 OCT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
1.1.2) XLUUV Vehicle [1]																														
	1	2027	NAVY	2	0	2											A -	-	-	-	-	-	-	-	-	2				0
							OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 15	**P-1 Line Item Number / Title:** 1613 / Extra Large UUV	**Item Number / Title [DODIC]:** 1 / Extra Large UUV

MFR Ref #	Manufacturer Name - Location	Production Rates (Each / Year)			Procurement Leadtime (Months)							
					Initial				Reorder			
		MSR For 2027	1-8-5 For 2027	MAX For 2027	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1	ALT Prior to Oct 1	ALT After Oct 1	Manufacturing PLT	Total After Oct 1
1	Anduril [2] - Quonset Point, RI	1	2	8	0	0	9	9	0	0	9	9

"A" in the Delivery Schedule indicates the Contract Award Date.
Note: Due to space limitations, quantities in the Exhibit P-21 delivery calendar are truncated and rounded based on the maximum quantity in the calendar as follows. If the maximum quantity is less than or equal to than 9,999, all quantities are shown as each. If the maximum quantity is between 10,000 and 999,999 all quantities are shown in thousands. If the maximum quantity is between 1,000,000 and 999,999,999 all quantities are shown in millions (rounded to the nearest thousand).If the maximum quantity is equal or greater than 1,000,000,000 all quantities are shown in billions (rounded to the nearest million).

Footnotes:
[2] Dates and vendors are based on initial procurement estimates and will be updated based on awards

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 16: Logistic Support	**P-1 Line Item Number / Title:** 1610 / LSD Midlife & Modernization

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Resource Summary	Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total	FY 2028	FY 2029	FY 2030	FY 2031	To Complete	Total
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	768.575	49.044	4.079	0.240	0.000	0.240	1.120	1.123	1.133	1.155	-	826.469
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	768.575	49.044	4.079	0.240	0.000	0.240	1.120	1.123	1.133	1.155	-	826.469
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**768.575**	**49.044**	**4.079**	**0.240**	**0.000**	**0.240**	**1.120**	**1.123**	**1.133**	**1.155**	**-**	**826.469**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Modernized LSD 41/49 Class ships transport and launch amphibious craft and vehicles with their crews and embarked personnel in amphibious assault operations. Supporting amphibious operations include landings via Landing Craft, Air Cushion (LCAC), conventional landing craft, and helicopters, onto hostile shores.

[P40A / ST5IN LSD Installation / DSA / AIT]: Planned effort by the Alteration Installation Teams (AITs) and the Design Support Activity (DSA) to address ship's growing obsolescence issues and maintenance intensive areas via support in the Modernization Availabilities.

[P40A / Slewing Arm Davit (SLAD) Embarkation Platform Installation]: LSD Class ships require an embarkation platform for loading and unloading of personnel during launch and recovery operations utilizing the new Lake Shore Inc. Slewing Arm Davit (SLAD). The upgrade is required due to limited space in the area of the 11M RIB stowage, which limits the ability of the crew to efficiently load and unload personnel, particularly during recovery operations.

[P40A / Slewing Arm Davit (SLAD) Installation]: This SHIPALT replaces the Welin Lambie LUM 12A or Lakeshore Gravity Boat Davit currently installed on LSD 41/49 Class ships, with a new Slewing Arm Davit (SLAD) from Oldenburg Group Inc. The existing systems will be removed and the OGI SLAD will be installed in the same general location of the current systems. The new system is a SLAD design with single point pick up of the boats versus the two points pick up used by the existing systems.

[P40A / Ballast Control Console (BCC)]: Provides upgrades to the existing Ballast Control Consoles (BCC) and replaces legacy BCC with a Programmable Logic Controller (PLC) based digital, networked system. This mission and safety critical SCD address system degradation due to obsolescence issues, extensive downtime and reduced system capability/reliability. The system is currently operating in a degraded capacity and requires immediate replacement.

[P40A / Damage Control Console (DCC)]: This SCD upgrades the existing Damage Control (DC) Console and interior communication sensor monitoring (IC/SM) alarm panels within Damage Control Central on-board ship with a Programmable Logic Controller (PLC) based control system that will provide all current functionality and utilizes the Advanced Engineering Control System (AECS) network backbone. The software will leverage the LSD 47 interface for system screen layout and user interaction but will be developed using the current Platform Independent Machinery Control System (PIMCS) software architecture and includes the Advanced Damage Control System (ADCS) hardware and software. ADCS provides real-time, dynamic ship status and parametric information, and accepts feedback on actions taken by watch standers.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 16: Logistic Support	**P-1 Line Item Number / Title:** 1610 / LSD Midlife & Modernization	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / LSD MOD HM&E Conjunctive Alterations]: The LSD Hull, Mechanical and Electrical (HM&E) Condition System implements HM&E alteration package that supports LSD safety and cyber critical concerns while addressing maintenance intensive and growing obsolescence associated with the 49 Class.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 01: Ships Support Equipment / BSA 16: Logistic Support	**P-1 Line Item Number / Title:** 1610 / LSD Midlife & Modernization

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: N/A

Line Item MDAP/MAIS Code: N/A

Exhibits Schedule					Prior Years	FY 2025	FY 2026	FY 2027 Base	FY 2027 OOC	FY 2027 Total
Exhibit Type	Title*	Subexhibits	ID CD	MDAP/ MAIS Code	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*	Quantity / Total Cost *(Each) / ($ M)*
P-40a	LSD Midlife	P-5a			- / 768.575	- / 49.044	- / 4.079	- / 0.240	- / -	- / 0.240
P-40	**Total Gross/Weapon System Cost**				**- / 768.575**	**- / 49.044**	**- / 4.079**	**- / 0.240**	**- / 0.000**	**- / 0.240**

*Title represents 1) the Number / Title for Items; 2) the Number / Title [DODIC] for Ammunition; and/or 3) the Number / Title (Modification Type) for Modifications. Title represents the P-40a Title when only the P-40a Summary/Total is shown.

Note: Totals in this Exhibit P-40 set may not be exact or sum exactly due to rounding.

Justification:
FY 2027 funding supports continuation of engineering services and integrated logistics support efforts pertaining to the ongoing FY25 and FY26 CNO availabilities. Other intended efforts include system engineering support and equipment integration in preparation for FY27 SRA. Applicable alterations supported under this tasking include Ballast Control Console upgrade, Damage Control Console upgrades, and Slewing Arm Davit.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 16	**P-1 Line Item Number / Title:** 1610 / LSD Midlife & Modernization	**Aggregated Items Title:** LSD Midlife

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
1) ST5IN LSD Installation / DSA / AIT (1)																				
1.1) Damage Control Console (DCC) Installation(†)	A		-	-	-	4,588K	3	13.765	-	-	-	-	-	-	-	-	-	-	-	-
1.2) Ballast Control Console (BCC) Installation(†)	A		-	-	-	5,525K	3	16.576	-	-	-	-	-	-	-	-	-	-	-	-
1.3) Slewing Arm Davit (SLAD) Embarkation Platform Installation	A		-	-	-	-	-	5.514	-	-	-	-	-	-	-	-	-	-	-	-
1.4) Slewing Arm Davit (SLAD) Installation	A		-	-	3.989	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) LSD 46 FY18 EDSRA Installation / AIT	A		-	-	61.548	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.6) LSD 46 C4I Systems AIT	A		-	-	10.000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.7) LSD 46 Special Selected Restricted Availability (SSRA)	A		-	-	9.400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.8) LSD Design Services Allocation (DSA)	A		-	-	10.428	-	-	0.961	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) ST5IN LSD Installation / DSA / AIT			**-**	**-**	***95.365***	**-**	**-**	***36.816***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) ST001 - LSD Mod HM&E Modernization (2)																				
2.1) Ballast Control Console (BCC)	A		-	-	3.312	-	-	1.261	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Damage Control Console (DCC)	A		-	-	4.774	-	-	0.979	-	-	-	-	-	-	-	-	-	-	-	-
2.3) Canned Lube Oil Pump	A		-	-	16.543	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.4) LSD MOD HM&E Conjunctive Alterations (3)	A		-	-	41.523	-	-	9.988	-	-	4.079	-	-	0.240	-	-	-	-	-	0.240
Subtotal: 2) ST001 - LSD Mod HM&E Modernization			**-**	**-**	***66.152***	**-**	**-**	***12.228***	**-**	**-**	***4.079***	**-**	**-**	***0.240***	**-**	**-**	**-**	**-**	**-**	***0.240***
3) Other Prior Year Costs																				
3.1) ST001 LSD MOD C4I System	A		-	-	19.429	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) ST003 LSD Hull, Mechanical and	A		-	-	1.759	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 16	**P-1 Line Item Number / Title:** 1610 / LSD Midlife & Modernization	**Aggregated Items Title:** LSD Midlife

Item Number / Title [DODIC]	ID CD	MDAP/ MAIS Code	Prior Years			FY 2025			FY 2026			FY 2027 Base			FY 2027 OOC			FY 2027 Total		
			Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)	Unit Cost ($)	Qty (Each)	Total Cost ($ M)
Electrical Condition System																				
3.3) ST001 - LSD MOD Combat System	A		-	-	7.456	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4) All Other Prior Year Costs	A		-	-	459.382	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5) ST002 - Propeller Blades & PLMU	A		-	-	20.990	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6) ST002 - Generators & Elect Distribution	A		-	-	21.770	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.7) ST002 - Low Pressure Air Compressor	A		-	-	18.809	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.8) ST002 - Steering Control System	A		-	-	54.308	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.9) ST002 - LSD Deck Crane	A		-	-	2.661	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.10) ST002 - Ballast Control Console	A		-	-	0.494	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) Other Prior Year Costs			**-**	**-**	***607.058***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**768.575**	**-**	**-**	**49.044**	**-**	**-**	**4.079**	**-**	**-**	**0.240**	**-**	**-**	**-**	**-**	**-**	**0.240**

Note: Subtotals or Totals in this Exhibit P-40a may not be exact or sum exactly, due to rounding.

(†) indicates the presence of a P-5a

Footnotes:

(1) Industrial Award for Avails is required 120 days prior to Avail start to allow Industry Planners to schedule work/personnel and order non-GFE material. For Avails/Installations beginning in October thru January, contract must be awarded in prior year. Installation funding for a ship is divided over a three-year period. Installation execution funding in the year of availability, and Design Service Allocation (DSA) in the two years prior to the availability, and DSA in the year prior to the availability. This includes ship checks, ship installation drawing (SID) development, logistic document development and long lead time material (LLTM) procurements. Installation costs across the FYDP may vary depending on current port rates. Port rates are updated every year by a Command Navy Regional Maintenance Center (CNRMC) letter based on the forecasted port loading model. Port loading rate forecasts are the rates recommended for all budgeted maintenance and organic modernization within a specific port. Individual ship's availability durations vary dependent upon the integration of a ship's maintenance and modernization work packages.

(2) BCC and DCC long lead time material procurement (LLTM) estimated to be 18 months with Navy Modernization Process (NMP) milestone material delivery requirement of 120 days.

(3) FY 2027 funding for conjunctive alterations supports continuation of CNO availabilities initiated in FY25 and FY26. Conjunctive Alterations are planned in support of six total HM&E modernization installations for LSD 49, 51 and 52. Intended efforts include system engineering, equipment integration, and integrated logistics support. Alterations planned for execution are Ballast Control Console upgrade, Damage Control Console upgrades, and Slewing Arm Davit.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 01 / 16	P-1 Line Item Number / Title: 1610 / LSD Midlife & Modernization	Aggregated Items: LSD Midlife

Item Number / Title [DODIC]	OOC	FY	Contractor and Location	Method/Type or Funding Vehicle	Location of PCO	Award Date	Date of First Delivery	Qty (Each)	Unit Cost ($)	Specs Avail Now?	Date Revision Available	RFP Issue Date
1) ST5IN LSD Installation / DSA / AIT												
1.1) Damage Control Console (DCC) Installation		2025	TBD via NSWCPD / TBD	C / TBD	TBD	Aug 2025	Nov 2026	3	4,588K	N	Sep 2025	
1.2) Ballast Control Console (BCC) Installation		2025	TBD via NSWCPD / TBD	C / TBD	TBD	Aug 2025	Nov 2026	3	5,525K	N	Sep 2025	