Department of War
Fiscal Year (FY) 2027 Budget Estimates

April 2026

Navy

Justification Book Volume 4 of 5

Other Procurement, Navy

Budget Activity 04

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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
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
	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
FY 2027 President's Budget
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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
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
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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37	01	16	1610	LSD Midlife & Modernization	Volume 1 - 653

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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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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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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
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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
116	04	07	5664	Surface Training Equipment	Volume 4 - 185

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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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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
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143	07	05	8645	Cyberspace Activities	Volume 5 - 315

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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
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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
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Directed Energy Systems	5510	112	04	06	Volume 4 - 155
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EMI Control Instrumentation	2970	70	02	10	Volume 2 - 625
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Electromagnetic Aircraft Launch System (EMALS)	4219	98	03	03	Volume 3 - 99
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First Destination Transportation	7066	128	06	01	Volume 5 - 139
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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
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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
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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
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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 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
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SPQ-9B Radar	2026	38	02	02	Volume 2 - 1
SSN Acoustic Equipment	2150	40	02	02	Volume 2 - 47
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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
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Shipboard Tactical Comms	3010	73	02	11	Volume 2 - 671
Small & Medium UUV	1611	34	01	15	Volume 1 - 625
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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
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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
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Submarine Broadcast Support	3107	76	02	12	Volume 2 - 725
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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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Directed Energy Systems	5510	112	04	06	Volume 4 - 155
EOD Equipment	5509	111	04	06	Volume 4 - 141
HARPOON Support Equipment	5227	104	04	03	Volume 4 - 7
Items Less Than $5 Million	5543	113	04	06	Volume 4 - 159
SSN Combat Control Systems	5420	109	04	05	Volume 4 - 99
Ship Gun Systems Equipment	5111	103	04	02	Volume 4 - 1
Ship Missile Support Equipment	5231	105	04	03	Volume 4 - 11
Strategic Missile Systems Equip	5358	108	04	04	Volume 4 - 79
Submarine Training Device Mods	5661	115	04	07	Volume 4 - 171
Surface Training Equipment	5664	116	04	07	Volume 4 - 185
Tomahawk Support Equipment	5253	106	04	03	Volume 4 - 65

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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 04: Ordnance Support Equipment / BSA 2: Ship Gun System Equipment	**P-1 Line Item Number / Title:** 5111 / Ship Gun Systems 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)*	66.111	6.712	7.358	6.962	0.000	6.962	7.354	7.453	7.614	7.771	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	66.111	6.712	7.358	6.962	0.000	6.962	7.354	7.453	7.614	7.771	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**66.111**	**6.712**	**7.358**	**6.962**	**0.000**	**6.962**	**7.354**	**7.453**	**7.614**	**7.771**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	0.100	-	0.144	-	0.144	0.257	0.325	0.633	0.585	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Ship gun system equipment provides funds for the procurement of equipment, material and Ordnance Alterations to improve combat effectiveness and logistic supportability for gun and mission planning systems, and ancillary support equipment.

[P40A - 2 / NV039 Night Vision Devices]: [P40A - 2 / NV039 VISUAL AUGMENTATION SYSTEMS (VAS)]: The United States Navy Service Common Visual Augmentation Systems (VAS) Program of Record manages, procures, and maintains night vision devices, thermal detection devices, day/night weapons optics, and lasers in support of Navy combat capabilities with regard to the detection, recognition, classification, tracking, and destruction of hostile air and surface forces. The USN VAS Program also manages research into the future of visual augmentation systems and engages with Navy and DoW VAS stakeholders to ensure the Navy maintains competitive advantage over near-peer adversaries.

Other Procurement, Navy funding provides the United States Navy Service Common Visual Augmentation Systems (VAS) Program of Record with funding to procure new and replacement night vision equipment, thermal detection equipment, day/night optics and associated test equipment for ships, submarines, carriers, expeditionary forces and shore installations so that commanders can maintain situational awareness in degraded visual environments while maintaining the greatest possible distance from threats.

[P40A - 2 / NV051 Optical Sight Systems Production Improvement]: Procures various Product Improvements for MK46 OSS/MK20 Electro-Optical Sight System (EOSS) on DDG 51 and CG 47 Class ships. The OSS is an integral element of the MK 34 Gun Weapon System. These improvements provide enhanced force protection capabilities, improve availability to address increase in Fleet underway operations, and reduce total ownership costs by improved reliability and supportability of in-service equipment systems. System and component improvements include: Mod 0 Technical Refresh, upgrade of Daylight Imaging Sensor Field of View, system power supplies, Mod 0 console / monitor upgrade, system obsolescence replacement and component level product improvements.

[P40A - 2 / 98 Visual Augmentation System]: The Naval Fires Control System is an automated mission planning and coordination system for the Naval Surface Fire Support (NSFS) System. It automates shipboard land attack battle management duties to be interoperable and consistent with joint C4ISR systems. The system significantly improves the Navy's ability to support forces ashore. These improvements provide enhanced capabilities and reduce total ownership costs by improving reliability and supportability of in-service systems. This system also reduces manning requirements for NSFS missions.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 2: Ship Gun System Equipment	**P-1 Line Item Number / Title:** 5111 / Ship Gun Systems 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	Naval Fires Control Sys				- / 4.600	- / 0.421	- / 0.417	- / 0.364	- / -	- / 0.364
P-40a	Gun Fire Control Equipment	P-5a			- / 61.511	- / 6.291	- / 6.941	- / 6.598	- / -	- / 6.598
P-40	**Total Gross/Weapon System Cost**				**- / 66.111**	**- / 6.712**	**- / 7.358**	**- / 6.962**	**- / 0.000**	**- / 6.962**

*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 / 04 / 2	**P-1 Line Item Number / Title:** 5111 / Ship Gun Systems Equipment	**Aggregated Items Title:** Naval Fires Control Sys

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) INSTALLATION																				
1.1) FC010 Product Improvement/ ORDALT	A		-	-	2.236	-	-	0.195	-	-	0.193	-	-	0.168	-	-	-	-	-	0.168
1.2) FC011 Installation of ORDALT	A		-	-	1.049	-	-	0.106	-	-	0.105	-	-	0.092	-	-	-	-	-	0.092
1.3) FC830 Production Engineering Support (NFCS)	A		-	-	1.315	-	-	0.120	-	-	0.119	-	-	0.104	-	-	-	-	-	0.104
Subtotal: 1) INSTALLATION			**-**	**-**	***4.600***	**-**	**-**	***0.421***	**-**	**-**	***0.417***	**-**	**-**	***0.364***	**-**	**-**	**-**	**-**	**-**	***0.364***
Total			**-**	**-**	**4.600**	**-**	**-**	**0.421**	**-**	**-**	**0.417**	**-**	**-**	**0.364**	**-**	**-**	**-**	**-**	**-**	**0.364**

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 / 04 / 2	**P-1 Line Item Number / Title:** 5111 / Ship Gun Systems Equipment	**Aggregated Items Title:** Gun Fire Control Equipment (1)

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) Equipment																				
1.1) NV039 Night Vision Devices	A		-	-	13.776	-	-	-	-	-	-	-	-	0.216	-	-	-	-	-	0.216
1.2) NV051 Optical Sight Systems Production Improvement	A		-	-	27.411	-	-	2.954	-	-	2.931	-	-	2.560	-	-	-	-	-	2.560
Subtotal: 1) Equipment			**-**	**-**	***41.187***	**-**	**-**	***2.954***	**-**	**-**	***2.931***	**-**	**-**	***2.776***	**-**	**-**	**-**	**-**	**-**	***2.776***
2) NV039 Visual Augmentation System																				
2.1) Night Vision Devices	A		-	-	0.143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Night Vision, Individual (AN/ PVS-31B) (2)(†)	A		10,467.76	1,830	19.156	12,000.00	215	2.580	12,400.00	267	3.311	12,800.00	230	2.944	-	-	-	12,800.00	230	2.944
2.3) NVD Helmet Mount(†)	A		440.32	1,265	0.557	450.00	215	0.097	460.00	203	0.093	475.00	194	0.092	-	-	-	475.00	194	0.092
2.4) NVD Helmet Shroud(†)	A		102.12	1,038	0.106	120.00	215	0.026	130.00	213	0.028	140.00	213	0.030	-	-	-	140.00	213	0.030
2.5) SU-289/VCOG/ SCO	A		4,250.00	4	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.6) TAC (3)	A		-	-	0.007	-	-	0.152	-	-	-	-	-	0.214	-	-	-	-	-	0.214
Subtotal: 2) NV039 Visual Augmentation System			**-**	**-**	***19.986***	**-**	**-**	***2.855***	**-**	**-**	***3.432***	**-**	**-**	***3.280***	**-**	**-**	**-**	**-**	**-**	***3.280***
3) 98 Visual Augmentation System																				
3.1) NIGHT VISION/ INDIVIDUAL/(AN/ PVS-31B)(†)	A		11,500.00	28	0.322	12,000.00	39	0.468	12,400.00	44	0.546	12,800.00	40	0.512	-	-	-	12,800.00	40	0.512
3.2) NVD HELMET MOUNT(†)	A		406.25	32	0.013	450.00	24	0.011	460.00	53	0.024	475.00	51	0.024	-	-	-	475.00	51	0.024
3.3) NVD HELMET SHROUD(†)	A		107.14	28	0.003	120.00	26	0.003	130.00	58	0.008	140.00	40	0.006	-	-	-	140.00	40	0.006
Subtotal: 3) 98 Visual Augmentation System			**-**	**-**	***0.338***	**-**	**-**	***0.482***	**-**	**-**	***0.578***	**-**	**-**	***0.542***	**-**	**-**	**-**	**-**	**-**	***0.542***
Total			**-**	**-**	**61.511**	**-**	**-**	**6.291**	**-**	**-**	**6.941**	**-**	**-**	**6.598**	**-**	**-**	**-**	**-**	**-**	**6.598**

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) This program provides for the procurement of equipment, materials and Ordnance Alterations to improve combat effectiveness and maintain logistic supportability of Gun Fire Control Equipment, Optical Sight Systems (OSS) and Night Vision devices.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 2	**P-1 Line Item Number / Title:** 5111 / Ship Gun Systems Equipment	**Aggregated Items Title:** Gun Fire Control Equipment (1)

(2) N95 transitioned VAS RDT&E to procurement beginning in FY26

(3) TAC requirements not needed

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 2	P-1 Line Item Number / Title: 5111 / Ship Gun Systems Equipment	Aggregated Items: Gun Fire Control Equipment (1)

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) NV039 Visual Augmentation System												
2.2) Night Vision, Individual (AN/PVS-31B) (2)		2023	L3 Harris Technologies / Londonderry, NH	MIPR	DLA, Philadelphia, PA	Oct 2022	Oct 2022	275	8,650.00	Y		
2.2) Night Vision, Individual (AN/PVS-31B) (2)		2024	L3 Harris Technologies / Londonderry, NH	MIPR	DLA, Philadelphia, PA	Oct 2023	Oct 2023	1,080	11,501.82	Y		
2.2) Night Vision, Individual (AN/PVS-31B) (2)		2025	L3 Harris Technologies / Londonderry, NH	MIPR	DLA, Philadelphia, PA	Oct 2024	Oct 2024	215	12,000.00	Y		
2.2) Night Vision, Individual (AN/PVS-31B) (2)		2026	L3 Harris Technologies / Londonderry, NH	MIPR	DLA, Philadelphia, PA	Oct 2025	Oct 2025	267	12,400.00	Y	Oct 2025	
2.3) NVD Helmet Mount		2023	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Feb 2023	Sep 2023	280	450.00	Y		
2.3) NVD Helmet Mount		2024	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Feb 2024	Sep 2024	206	395.44	N	Sep 2024	
2.3) NVD Helmet Mount		2025	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Oct 2024	Oct 2024	215	450.00	N	Oct 2024	
2.3) NVD Helmet Mount		2026	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Oct 2025	Oct 2025	203	460.00	N	Oct 2025	
2.4) NVD Helmet Shroud		2023	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Sep 2023	Apr 2024	827	100.00	Y		
2.4) NVD Helmet Shroud		2024	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Sep 2024	Apr 2025	211	110.00	N	Sep 2024	
2.4) NVD Helmet Shroud		2025	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Oct 2024	Oct 2024	215	120.00	N	Oct 2024	
2.4) NVD Helmet Shroud		2026	Wilcox / Newington, NH	C / IDDQ	Crane, IN	Oct 2025	Oct 2025	213	130.00	N	Oct 2025	
3) 98 Visual Augmentation System												
3.1) NIGHT VISION/INDIVIDUAL/(AN/PVS-31B)		2024	L3 Harris Technologies / Londonderry, NH	MIPR	DLA / PHILADELPHIA, PA	Oct 2023	Oct 2023	28	11,501.00	N	Feb 2024	
3.1) NIGHT VISION/INDIVIDUAL/(AN/PVS-31B)		2025	L3 Harris Technologies / Londonderry, NH	MIPR	DLA / PHILADELPHIA, PA	Oct 2024	Oct 2024	39	12,000.00	N	Feb 2025	
3.1) NIGHT VISION/INDIVIDUAL/(AN/PVS-31B)		2026	L3 Harris Technologies / Londonderry, NH	MIPR	DLA / PHILADELPHIA, PA	Oct 2025	Oct 2025	44	12,400.00	N	Feb 2026	
3.2) NVD HELMET MOUNT		2024	Wilcox / Newington, NH	C / IDDQ	Crane, IN	Oct 2023	May 2024	32	395.44	N		
3.2) NVD HELMET MOUNT		2025	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Oct 2024	Oct 2024	24	450.00	N		
3.2) NVD HELMET MOUNT		2026	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Oct 2025	Oct 2025	53	460.00	N		
3.3) NVD HELMET SHROUD		2024	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Oct 2023	May 2024	28	92.31	N		
3.3) NVD HELMET SHROUD		2025	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Oct 2024	Oct 2024	26	120.00	N		
3.3) NVD HELMET SHROUD		2026	Wilcox / Newington, NH	C / IDIQ	Crane, IN	Oct 2025	Oct 2025	58	130.00	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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	**P-1 Line Item Number / Title:** 5227 / HARPOON 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)*	0.648	0.226	0.209	0.195	0.000	0.195	0.208	0.210	0.214	0.219	-	2.129
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.648	0.226	0.209	0.195	0.000	0.195	0.208	0.210	0.214	0.219	-	2.129
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.648**	**0.226**	**0.209**	**0.195**	**0.000**	**0.195**	**0.208**	**0.210**	**0.214**	**0.219**	**-**	**2.129**
(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 Director of the Undersea Warfare Division (N97) has ordered the reconstitution and integration of 64 Encapsulated (ENCAP) Harpoon BLK IC missile systems for the 688 class submarine fleet in order to provide over the horizon surface strike capabilities to the fleet. The ENCAP Harpoon missiles provide Navy Los Angeles-class nuclear attack submarines (SSN) a sub-launched, all-weather, long-range Anti-Surface Warfare (ASuW) missile to attack enemy warships at stand-off ranges, to include Surface and Amphibious Action Groups. There are currently retired Encapsulated Harpoons located at the Letterkenny Army Depot that are candidates for reconstitution and delivery to the submarine fleet. In order to accomplish this order, the ENCAP program will refurbish and recertify existing ENCAP H1C All Up Rounds from deep storage to an 'as new' war ready material condition. (ENCAP Harpoons were placed in deep storage in 1996). The controlled storage conditions achieved by the missile capsule have preserved the material condition of the weapon system, allowing for relatively quick recertification and reissue. Due to the ease and speed of missile recertification the ENCAP Harpoon Reconstitution Program will fill a critical, time sensitive ASuW capability gap and meet Speed to the Fleet 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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	**P-1 Line Item Number / Title:** 5227 / HARPOON 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	HARPOON Support - Support Costs				- / 0.648	- / 0.226	- / 0.209	- / 0.195	- / -	- / 0.195
P-40	**Total Gross/Weapon System Cost**				**- / 0.648**	**- / 0.226**	**- / 0.209**	**- / 0.195**	**- / 0.000**	**- / 0.195**

*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 is provided for shipboard software updates on submarines receiving the Encapsulated (ENCAP) Harpoon missile. The submarine software updates enable submarine launchers to accommodate the ENCAP Harpoon missiles.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5227 / HARPOON Support Equipment	**Aggregated Items Title:** HARPOON Support - Support Costs

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) Harpoon Support Equipment																				
1.1) ILS [1]	A		-	-	0.648	-	-	0.226	-	-	0.209	-	-	0.195	-	-	-	-	-	0.195
Subtotal: 1) Harpoon Support Equipment			**-**	**-**	***0.648***	**-**	**-**	***0.226***	**-**	**-**	***0.209***	**-**	**-**	***0.195***	**-**	**-**	**-**	**-**	**-**	***0.195***
Total			**-**	**-**	**0.648**	**-**	**-**	**0.226**	**-**	**-**	**0.209**	**-**	**-**	**0.195**	**-**	**-**	**-**	**-**	**-**	**0.195**

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

Footnotes:

[1] ILS: required to re-integrate ENCAPs into the submarine databases and firing systems.

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	**P-1 Line Item Number / Title:** 5231 / Ship Missile 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)*	2,174.614	431.830	527.292	431.069	0.000	431.069	415.368	391.399	411.245	421.136	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	2,174.614	431.830	527.292	431.069	0.000	431.069	415.368	391.399	411.245	421.136	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**2,174.614**	**431.830**	**527.292**	**431.069**	**0.000**	**431.069**	**415.368**	**391.399**	**411.245**	**421.136**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	32.878	-	12.525	-	12.525	11.639	7.451	6.801	6.316	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Ship Missile Support Equipment provides procurement and installation support to address fleet requirements for AEGIS Weapons System, Ships Self Defense System (SSDS), Vertical Launch Systems (VLS), NATO SEASPARROW Surface Missile System (NSSMS), Rolling Airframe Missile (RAM) Guided Missile Launching System (GMLS), Over The Horizon Weapon System (OTH WS), MK57 Vertical Launching System (VLS) Support Equipment, Integrated Combat system (ICS), Counter Unmanned Aircraft System (C-UAS) and SeaRAM Close-In Weapon System (CIWS). Below are program descriptions for each of these programs along with top line funding summaries.

Improved Stalker (I-Stalker) is the Independent Mount (IM) Improvement to the Stalker Long Range Electro-Optic Sensor System (SLREOSS) system in response to a 2016 United States Fleet Forces Command (USFFC) Operational Needs Statement (ONS). I-Stalker is currently fielded on CVN and LHA/LHD ship classes. I-Stalker provides the capability for 360-degree situational awareness and enhances the ability of ships to passively detect, classify, identify and determine intent of current/emerging surface and air threats in support of the following warfare missions: Surface/Air Recon, Counter-Unmanned Aircraft Systems (UAS), Counter-Fast Attack Craft / Fast Inshore Attack Craft (FAC/FIAC), Search & Rescue, Force Protection, and Mobility. I-Stalker, combined with the Navy-owned Situational Awareness System (SAwS), delivers an integrated radar and Electro Optic/Infrared (EO/IR) control and display suite. I-Stalker includes two (2) NSSMS MK6 MOD 4 LLLTV 4 LLLTV Independent Mount systems and one (1) SAwS. This combined system is referred to as the AN/SAY-3. I-Stalker requirements are transitioning from individual resource sponsor management to a total program level commensurate with the I-Stalker transition to a Program of Record (POR). For FY22 and prior years, I-Stalker funding is contained in BLI 5231. In FY24 and out, BLI 2981 contains funding from OPNAV N95 in support of LHA/LHD ship classes and OPNAV N98 in support of the CVN ship class.

[P40A / NATO SEASPARROW]: [P40A / NATO SEASPARROW]: The NATO SEASPARROW Surface Missile System (NSSMS) is a shipboard Self-Defense Missile System. In addition to the standard mission of Anti-Air and Anti-Surface Defense (AAW, ASUW), NSSMS is designed to protect ship and crew from a variety of inbound threats, including Anti-Ship Cruise Missiles (ASCM), Fast Attack Craft/Fast Inshore Attack Craft (FAC/FIAC), Low Velocity Air Threats (LVAT), and a wide range of asymmetrical threats (e.g. Unmanned Aerial and Surface vehicles, small Rigid Hull Inflatable Boats, etc.).

The legacy NSSMS configuration (MK57 MOD 2, 12/13, 14/15 and 16/17) consists of Fire Control and Launcher Systems comprised of 2-4 Directors, a distributed computing network, Transmitter Group, 3-5 Operating Consoles, and 2 Eight-Cell Guided Missile Launching Systems (MK29 GMLS) which employ the surface launch variant of the Sparrow (MK57 MOD 2/3) and ESSM (MK57 MOD 12/13, 14/15 and 16/17). In the MOD 12 and higher configuration, the MK57 NSSMS becomes part of the SSDS MK 2 Combat System. The fully integrated configurations of NSSMS are the MK57 MOD 12 and above configurations. A new transmitter replacement is in process to provide near term replacement of the obsolete MK73 Mod 3 Transmitter Group that can no longer be procured along with a Launcher replacement program required for fielding of ESSM BLK 2 missile capability integrated in an optimized fashion. This effort is intended to replace 1970's era MK 29 Guided Missile Launching System (GMLS) which is no longer producible.

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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:** N/A
Line Item MDAP/MAIS Code: N/A		

[P40A / Launcher Min-Mod BLK 2 Capability Upgrade]: With the change in the current Min Mod program technical approach additional engineering is required to provide ESSM Block 2 capability in Functional Compatibility to CVN/LHA/LHD ships. The line has been changed from Launcher Min-Mod BLK 2 Capability H/W to Launcher Min-Mod BLK 2 Capability Upgrade to better reflect what is being accomplished on this line.

[P40A / MK57 Mod 14-19 Engineering]: Field Activity, design agent and industry will provide Hardware/Software engineering support for the modernization/upgrade of the NSSMS MK57 systems from various field activities including NSWC PHD, NSWC DD, Raytheon IDS. Title updated from Mod 14-17 to Mod 14-19 to reflect included Adaptable Deck Launcher (ADL) efforts across all P40A categories.

[P40A / MK57 Mod 14-19 Logistics]: Field Activity and design agent will provide Logistics support including Supply, Data Management, Configuration, Training and Quality Management during the modernization/ upgrade and installation of NSSMS MK57 systems on CVN/LHA/LHDs. Title updated from Mod 14-17 to Mod 14-19 to reflect included Adaptable Deck Launcher (ADL) efforts across all P40A categories.

[P40A / MK57 Mod 14-19 Depot]: Field Activity and design agent will provide oversight and monitor the Depot operation to ensure compliance with quality assurance, compliance with technical requirements, and to ensure all products are delivered on time and within budget to meet ship schedules during the modernization/upgrade on NSSMS MK57 systems. Provide Depot Workload Planning, Budget Updates & Estimating, Contract, Upgrade/Repair Engineering, OM&S Inventory/Warehouse Management and Depot Logistics Support/NSPO Liaison and equipment modernization/upgrade. Title updated from Mod 14-17 to Mod 14-19 to reflect included Adaptable Deck Launcher (ADL) efforts across all P40A categories.

[P40A / MK57 Mod 14-19 Cyber]: Field Activity and design will document and validate system compliance with the appropriate National Institute of Standards and Technology (NIST) Special Publication (SP) 800-53A assessment procedures and the NIST SP 800-53 Security and Privacy Controls for Federal Information Systems and Organizations to obtain a Risk Management Framework (RMF) authorization IAW DoDI 8510.01 for the MK 57 MOD 16-17 Systems. In FY 26 industry will support NSPO in the Resilient Hull, Mechanical and Electrical Security (RHIMES) effort to build an experimental software/hardware platform for the demonstration of the You Only Live Once (YOLO)-based controller resilience has been added. Title updated from Mod 14-17 to Mod 14-19 to reflect included Adaptable Deck Launcher (ADL) efforts across all P40A categories.

[P40A / MK57 Mod 14-19 Safety]: Field Activity and design will provide a qualified system safety program Principal for Safety (PFS) and PFS safety engineering support for in service NSSMS MK57 system configurations. The PFS shall be responsible for executing the safety program, updating safety plans, and conducting safety analyses to support any certification or deployment requirements. Title updated from Mod 14-17 to Mod 14-19 to reflect included Adaptable Deck Launcher (ADL) efforts across all P40A categories.

[P40A - 2 / Afloat Counter-Unmanned Aerial Systems (Afloat C-UAS)]: Afloat Counter-Unmanned Aerial Systems (C-UAS) provides cost-effective shipboard capability against Unmanned Aerial Systems (UAS) with defeat options such as missiles, loitering munitions, surface ship guns and directed energy systems. Supplemental funding was provided to rapidly field CUAS solutions for the Gerald R Ford Carrier Strike Group (CSG) which included the procurement of Longbow Hellfire launchers, Coyote launchers, and the installation/integration work. Funding was also provided to rapidly field CUAS solutions on the Theodore Roosevelt CSG to include Longbow Hellfire Launchers, Coyote launchers, and the installation/integration work.

[P40A - 3 / RAM Launchers]: Rolling Airframe Missile (RAM) is a cooperative program executed under a series of Memorandums of Understanding between the U.S. and the Federal Republic of Germany. RAM is a high firepower missile used to defeat Anti-Ship Missiles (ASMs) and other anti-air warfare threats with no dependence on ship's fire control illuminators for terminal guidance. The RAM missile is fired from the RAM Guided Missile Launching System (GMLS) (MK-49) which holds 21 rounds. The MK 49 GMLS is installed on various platforms ranging from USN aircraft carriers (CVN) to Guided Missile Destroyers (DDGs).

FY27 funding supports the hardware procurement and installation of Ordnance Alterations (ORDALT) to address safety, obsolescence, and enable the firing of new missile variants and supports procurement and installation of launchers on in-service DDGs in accordance with recent Naval Capability Board decision to outfit the ARLEIGH BURKE class destroyers with increased terminal defense capabilities.

For ORDALTs the hardware production lead time is 24 months and installations are executed in accordance with Ship Maintenance Availability Schedules. The FY27 procurements include the Firepower ORDALT and the Shock Hardening ORDALT. The Firepower ORDALT is necessary to employ the latest and most capable RAM Block 2B missile. The Firepower ORDALT also supports launcher readiness by

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Line Item MDAP/MAIS Code: N/A		

addressing obsolescence of multiple components in the legacy configuration. The Shock ORDALT will address safety deficiencies identified during testing that could render the launcher inoperable in the event of a major ship shock event.

For launchers, the hardware production lead time is 30 months and installations are executed in accordance with Ship Maintenance Availability Schedules.

FY27 RAM procurement quantities: (4) Firepower ORDALTs, (4) Shock Hardening ORDALTs, and (3) MK 49 GMLS.
FY27 RAM installations: (6) Firepower ORDALTs, (6) Shock Hardening ORDALTs, and (3) MK 49 GMLS on in-service DDGs.

[P40A - 4 / SeaRAM Close-In Weapon System (CIWS)]: SeaRAM Close-In Weapon System (CIWS) is a Detect-Thru-Engage terminal defense capability employed against Anti-Ship Cruise Missiles (ASCMs) and high-speed aircraft that penetrate outer defensive envelopes. SeaRAM is an autonomous combat system that searches, detects, tracks (radar and electro-optic), and engages threats with the Rolling Airframe Missile (RAM). SeaRAM holds 11 RAM rounds. FY2026 funding procures six SeaRAM mounts for installation on DDG class destroyers as well as a mount for the Surface Combat Systems Training Command (SCSTC), the OEM Design Agent and the In-Service Engineering Agent.

[P40A - 5 / Ship Self Defense System]: The Ship Self Defense System (SSDS) is the core combat system control element for the Quick Reaction Combat Capability (QRCC) in aircraft carriers and amphibious assault ships, which defends against Anti-Ship Cruise Missiles (ASCM).

Major changes from FY26 to FY27 are below:

In FY27, the program is procuring 2 shipsets (1 LPD and 1 CVN), 1 Shore Site, 1 set of Shore Site GPNTS and CAC2S Afloat hardware. The Program is installing and conducting Year 2 advanced planning* for 2 future Ships installations, conducting Year 1 advanced planning** for 3 future Ship installations, conducting final checkout on 2 Ship installations. The program is installing 1 Shore Site system and advanced planning* for 1 future Shore Site installation. The Program is planning to conduct 2 CSSQT (1 LHD & 1 LPD), conduct Year 1 CSSQT advanced planning* for 2 future CSSQT events (1 LHA and 1 CVN). The program will procure tactical software builds and annual software licenses and certification.

* Advanced Planning takes place over the 2 years prior to a ship installation
** Advanced Planning is done 1 year prior to a CSSQT event

SSDS costs have increased as a result of transitioning to modernized Computing Infrastructure configuration, engineering changes to address diminishing manufacturing sources and obsolescence, and supply chain issues impacting material costs.

Ship Installation Cost, includes advanced planning in each of the 2 years prior to an installation, varies per year depending on the quantities of ships, the mix of ship classes, the configuration of the specific hull (i.e., CVN, LHD, LHA, LPD, or LSD) and the geographical location of the CNO availability (e.g., Bremerton, Norfolk, San Diego). Installation cost is significantly higher than advanced planning and can cause large variations between years. Recently, the installation cost has increased due to a) installations in non-traditional locations (e.g., Bremerton) driven by the Coast-wide bid process which causes extensive travel costs, b) Delays in delivery of Ship Installation Drawings, and c) scope changes during the modernization window. Further apparent cost "increases" are due to aligning modernization-related work such as Combat System documentation updates within the modernization budget.

CSSQT cost per year varies depending on the number of CSSQT events conducted and the advanced planning required future CSSQT events. The cost also varies depending on the mix of ship classes (i.e., CVN, LHD, LHA, LPD, or LSD) in any given year and the CS weapons configuration. CSSQT events cost are significantly higher than advanced planning costs.

SSDS Description: SSDS integrates a diverse set of fire control loop sensors and weapons and C4I systems for each ship class (CVN68, CVN78, LHA6, LHD1, LPD17, LSD41 and LSD49 ship classes). SSDS MK 2 provides the capabilities for integrated air and missile defense, multi-warfare situational awareness, combat direction, and joint interoperability via the Cooperative Engagement Capability (CEC) and Tactical Digital Information Link (TADIL)-J (Link 16).

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SSDS MK 2 fielding continues with the new construction carriers (CVN 78 class), new construction amphibious ships (LHA 6, LPD 17 classes) and modernizing in-service SSDS MK 2 carriers (CVN 68 Class) and amphibious ships (LPD 17, LHD 1 and LHA 6 Classes). SSDS MK 2 integrates new combat system warfighting capabilities and improvements on a phased basis via phased software Capability Packages and COTS hardware modernization. SSDS MK 2 increases operational capabilities, improves combat readiness and Strike Group and Expeditionary Strike Group interoperability including, the Fire Control Loop Improvement Project (FCLIP), Far-Term Interoperability Improvement Project (FTIIP), and Task Force Cyber Awakening (TFCA) Boundary Defense Capability. SSDS MK 2 equips back-fit LHDs and CVNs with an upgraded Combat System Display, Automatic Status Board (ASTABS), Remote ASTAB Controllers, peripheral control stations and Advanced Sensor Distribution System (ASDS), as well as the SSDS MK 2 computing equipment.

Hardware computing infrastructure baselines implements Commercial-Off-The-Shelf (COTS) configurations to sustain system production and support the incorporation of new war-fighting capabilities (MK 6 MOD X). Each individual ship is planned for a hardware computing infrastructure upgrade on an eight-to-ten-year interval to replace obsolescent COTS hardware, implement new technologies and support the fielding of these capabilities. Technology refresh of individual COTS components that are unprocurable or unsupported is handled on a case-by-case basis.

Procurement of SSDS shore site equipment includes shore based SSDS equipment and full combat system suites for the Ship Combat Systems Center (SCSC), Wallops Island, Virginia; and the SSDS System Integration Lab (SIL), Lockheed Martin, Moorestown, New Jersey. The SIL is used to support early development testing of the SSDS Software against Models and Simulations before transiting to SCSC Wallops Island to be tested with Live Sensors.

P40A exhibits for SSDS includes the following:
UQ002 - Production engineering support for SSDS hardware. These efforts include monitoring vendor production contracts/production line issues, creating shipset lists, responding to contractor production questions, receiving and shipping of equipment, creating and communication a detailed production schedule, troubleshooting failed production equipment, assisting in Factory Acceptance Testing (FAT), identification of fixes required to correct production flaws, and assist in resolution production related problems during ship installations.

UQ003 - Engineering Change Proposal (ECP) and Ship Change Document (SCD) for SSDS hardware.

UQ004 - Training Documentation Changes for SSDS hardware. Review and update SSDS MK2 Operator Maintenance Courses.

UQ005A/B - COTS engineering/Obsolescence Kits/Field Changes for SSDS hardware and CAC2S hardware.

UQ005A - COTS/Obsolescence engineering support for SSDS hardware at headquarters and field activities. Cyber Security hardware component procurement, assembly & installation and support are reflected here.

UQ005B - SSDS System procurement and CAC2S Hardware, to include, hardware procurement, Software licenses, installation documentation, and drawing specification of the defined SSDS COTS Conversion kits, dependent upon the shipboard or shore- site equipment configuration to include CAC2S Afloat components.

UQ5IN - FMP Ship Units, installation planning and installation - The costs for each kit listed in the P-3a Description. SSDS kit funding provided to various contractors and field activities. The SSDS equipment procurement based on competitive contracts. Production lead-time for kits ranges from 12 months (for equipment COTS upgrade kits/field changes) up to 24 months for system COTS conversion kits for ships. Installation planning efforts are conducted in each of the 2 years prior to the start of the installation and includes the development and validation of Ship Installation Drawings (SIDs). Installation funds are required to be on contract and at field activities 90-150 days prior to installation start.

UQ6IN - Non-FMP Shore Site units, installation planning and installation - Systems are required for SSDS/CS shore sites: The SSDS MK 2 System/Software Combat System Engineering Agent (SSDS System Integration Lab (SIL), Lockheed Martin, Moorestown, New Jersey); Surface Combat Systems Center (SCSC), Wallops Island.

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UQ007 - Combat System Ship Qualification Trial (CSSQT). Combat System Ship Qualification Trials are designated for CVNs and AMPHIBs in accordance with NAVSEAINST 9093.1 (series). CSSQTs will validate installation and operation of Combat System upgrades and will ensure the crew can operate and maintain the new systems.

UQ008 - Combat System Documentation & Waterfront Support provides for generation, update, and validation of CS documentation because of CS configuration changes during ship modernizations. This includes updates to Ship Selected Records, Combat System Operational Sequencing System, CS Capabilities and Limitations, Combat System Interface Diagrams, Combat System Alignment Manual and the Overall CS Operability Test. This also includes Combat System Project Engineers that coordinate with other SYSCOM elements for installation coordination and system of system testing with SSDS. CS documentation is produced for all CVN and Amphibious Class Ships undergoing Combat System SSDS MK 2 upgrades within the next 2 years.

[P40A - 6 / AEGIS Support Equipment]: Provides equipment procurement and installation support for AEGIS Shore Facilities and Shipboard Upgrades to AEGIS Cruisers and Destroyers required to maintain the readiness of the AEGIS Weapon System in support of Combatant Commanders requirements.

L7001: Special Tools & Test Equipment, MK-99 and SPY Procurements: Provides funding to procure and maintain special test equipment (Adaptive Diagnostic Electronic Portable Test Set (ADEPT)/Radiation Probes) to support Maintenance and Troubleshooting efforts for the AEGIS Weapon System on CG's, DDG's, and critical shore sites. Provides Mk 99 Missile Fire Control System (MFCS) illuminator and pedestal assembly parts refurbishment, creates a depot pool of refurbished illuminator and pedestal assemblies to support periodic maintenance replacement on AEGIS CG's and DDG's.

L7003: Computers, Displays, and Simulators for Integrated Warfare Systems Laboratory: Provides funding to procure and maintain Integrated Warfare Systems Laboratory (IWSL) Weapons System and support infrastructure to support fleet issues resolution within the AEGIS Weapon System. (LBTS support stopped in FY13)

L7006: Surface Combat Systems Center (SCSC): Provides funding to procure, maintain, and modernize SCSC's AEGIS Weapon System (AWS), AEGIS Combat System (ACS), and combat system infrastructure in support of Fleet development, integration, testing, and training requirements that are required to complete Weapon and Combat System Certification.

L7007: AEGIS Training and Readiness Center (ATRC): Provides funding to procure, maintain, and modernize ATRC's AEGIS Weapon System (AWS), AEGIS Combat System (ACS), and combat system infrastructure in support of Fleet operator and maintenance training requirements.

L7008: Combat System Engineering Development Site (CSEDS): Provides funding to procure, maintain, and modernize CSEDS's AEGIS Weapon System (AWS), AEGIS Combat System (ACS), and combat system infrastructure in support of Fleet development, integration, testing, and training requirements that are required to complete Weapon and Combat System Certification.

L7011: AEGIS Weapon System Ship Change Procurement: Provides funding to address fleet hardware issues related to equipment obsolescence, high failure, diminishing manufacturing sources (DMS) or to reduce maintenance costs and improve AEGIS operational availability (Ao) for fleet readiness. Supported by L7600 for installation.

L7012: AN-SPY-1D/D(V) Radar Enhancements (ALPS): AEGIS Linear Processing System (ALPS) program provides the AN/SPY-1D/D(V) radar with AAW improvements in a complex electronic environment.

L7014: AEGIS SPY Wholeness: AEGIS SPY-1 Array Conversion: Convert LNA Arrays into standard SPY-1 configurations to support Battle-Spares requirement for AEGIS DDGs due to the shutdown of the SPY-1 production line. Address diminishing manufacturing source (DMS) issues and contribute to AEGIS wholeness and SPY operational availability.

L7015: AEGIS SEARAM Integration and Installation Support: Provides integration and installation support for 4 forward deployed destroyers scheduled to receive the SEARAM upgrade. SEARAM is an anti-ship missile defense system that allows naval vessels to engage high-performance, supersonic, and subsonic threats. (SEARAM Integration completed in FY21)

L7016: AEGIS TI-12H Backfit: Technology Insertion-12 Hybrid solution (TI-12H) is one of the compute infrastructures used to operate the AEGIS Weapon System on AEGIS cruisers and destroyers. The TI-12 compute infrastructure on some AEGIS Baseline 9 cruisers and destroyers is being upgraded (back-fitted) with a TI-12H to enable AEGIS Baseline 9 upgrades. (TI-12H Backfit completed in FY23)

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L7017: Integrated Combat System (ICS) Equipment: Procures MK 6 MOD X equipment for combat system Land Based Test Sites and Infrastructure as a Service (IaaS) ORDALT kits. IaaS provides automated and scalable processing, network, storage, and other resources provided to the consumer. It enables the decoupling of hardware (HW) and software (SW), and eliminates the dependencies on specific HW configurations. IaaS enables the use of all available compute, storage, and network resources, while providing capacity for future growth and capability expansion. IaaS is a key component in our transition to an ICS. The MK 6 MOD X compute infrastructure will be developed with an IaaS capability. The IaaS ORDALT kits will enable IaaS capability on legacy TI-16 MK 6 MOD 0 and TI-16 MK 6 MOD 1 compute infrastructures in the fleet today. (Effort shifted to ICS in FY24)

L7018: Enhanced Collection System (ECS) Procurement and Install Support: Provides procurement and installation activities of ECS to support, update, and maintain a centralized, modern data collection and processing capability to Aegis CG's & DDG's.

L7019: AEGIS Depot Maintenance Support: Provides Depot Maintenance Facility to maintain AEGIS CG's & DDG's.

L7020: AEGIS BMD Software and Hardware. Provides funding for the procurement, installation, fielding, and deployment of integrated Aegis BMD combat system to operational ships and sites for homeland and regional defense. Provides installation of hardware and software components required to support updated to AEGIS BL 5.4 and 9 Configurations as required to address critical gaps and support fleet Requirements. Provide procurement and fielding of new BMD components impacted by DMS within the BMD 5.x and 4.x configurations.

L7027: Software license procurements in support of DDGs.

L7600: AEGIS Weapon System Ship Change Installation: Provides funding for ORDALT installation and other Ship Changes designed to improve AEGIS Combat System readiness. Supported by L7011 for procurement.

[P40A - 7 / Integrated Combat System (ICS) Equipment]: Procures Infrastructure as a Service (IaaS) Equipment to support combat system Land Based Test Sites and shipsets in support of DDG, FFG and US Coast Guard WMSM installations. IaaS provides automated and scalable processing, network, storage, and other resources provided to the consumer. It enables the decoupling of hardware (HW) and software (SW) and eliminates the dependencies on specific HW configurations. IaaS enables the use of all available compute, storage, and network resources, while providing capacity for future growth and capability expansion. IaaS is a key component in our transition to an ICS. The MK 6 MOD X compute infrastructure will be developed with an IaaS capability. The IaaS ORDALT kits will enable IaaS capability on legacy TI-16 MK 6 MOD 0 and TI-16 MK 6 MOD 1 compute infrastructures in the fleet today.

[P40A - 8 / MK57 SUPPORT EQUIPMENT]: The MK 57 Vertical Launch System (VLS) is unique to the DDG 1000 class. Each ship has 80 total cells grouped into 20 four-cell modules. Flight 1 missiles to be carried on DDG 1000 include: Enhanced Sea Sparrow Missile (ESSM), Standard Missile-2 (SM-2) Blk III and Tomahawk Land Attack Missile (TLAM) Blk III/IV. This 80-cell VLS design requires a Canister Electronic Unit (CEU) for each cell containing a missile.

MK57 VLS support equipment costs include hardware/software, technical refresh, Installation and Checkout (INCO) material, testing requirements, logistics, obsolescence, and training requirements.

[P40A - 8 / MK57 UCEU INTEGRATED LOGISTICS SUPPORT]: MK57 VERTICAL LAUNCH SYSTEM (VLS) UNIVERSAL CANISTER ELECTRONICS UNIT(UCEU) INTEGRATED LOGISTICS SUPPORT: Funds provided for systems engineering, testing, engineering changes, and cyber security accreditation. This funding line also provides for development of training curriculum, depot repair procedures, and logistics required to maintain compatibility and interoperability with Total Ship Computing Environment (TSCE) combat system on DDG 1000 Class.

MK57 VERTICAL LAUNCH SYSTEM (VLS) UCEU HARDWARE PROCUREMENT: delivery of HW complete.

[P40A - 9 / Vertical Launch Systems]: The MK-41 Vertical Launching System (VLS) is a surface combatant missile launching system, designed to store, select and launch various SM configurations, TLAM, Tactical TLAM, ESSM, and VLA. The MK-41 VLS significantly improves missile capacity, flexibility, multi-mission capability, reaction time and rate of fire and is designed to be adaptable to present and future weapon systems. Current configurations are: two 61 cell launchers, forward and aft, for 22 TICONDEROGA (CG 47) Class Cruisers beginning with CG-52; one 61 cell aft and one 29 cell launcher forward for 28 ARLEIGH BURKE (DDG 51) Class Destroyers; and one 64 cell launcher aft and one 32 cell launcher forward for 34 DDG 51 FLT IIA ships.

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Line Item MDAP/MAIS Code: N/A		

The OPN requirements procure Engineering Change Proposals/Ordnance Alterations (ECP/ORDALT) and funds sustaining engineering support for Fleet investigations and safety issues. Funds are required for Fleet operational availability, capability, safety and survivability. There are no significant increases or decreases in this program.

[P40A - 9 / VLS PRODUCTION ENGINEERING]: The OPN requirements procure Engineering Change Proposals/Ordnance Alterations (ECP/ORDALT) and funds sustaining engineering support for Fleet investigations and safety issues. Funds are required for Fleet operational availability, capability, safety and survivability.

[P40A - 9 / FY25 Israel PDA (Tranche 5 and 6)]: 5/6 = Israel Security Supplemental Appropriations Act, 2024 (Division A of Public Law 118-50)

[P40A - 11 / OTH Weapon System]: FY26 increase due to 4 OTH WS procurements for LCS Freedom
FY27 & FY28 increase due to 3 & 2 OTH WS procurements for DDG

[P40A - 11 / OTH PROCUREMENT]: FY26 increase due to 4 OTH WS procurements for LCS Freedom Class
FY27 & FY28 increase due to 3 & 2 OTH WS procurements for DDG

[P40A - 11 / OTH WS INSTALLATION]: FY26 OTH Installation increase due to Freedom installation acceleration.

[P40A - 11 / OTH WS INSTALLATION]: FY26 increase due to 4 OTH WS procurements for LCS Freedom Class
FY27 & FY28 increase due to 3 & 2 OTH WS installation for DDG

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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	NATO SEASPARROW				- / 91.985	- / 18.611	- / 50.282	- / 20.943	- / -	- / 20.943
P-40a	Afloat Counter-Unmanned Aerial Systems (Afloat C-UAS)				- / 23.085	- / 24.945	- / -	- / -	- / -	- / -
P-40a	RAM Launchers				- / 25.870	- / 2.000	- / 2.042	- / 2.085	- / -	- / 2.085
P-40a	SeaRAM Close-In Weapon System (CIWS)				- / 0.000	- / -	- / 71.470	- / -	- / -	- / -
P-40a	Ship Self Defense System				- / 176.424	- / 24.150	- / 27.868	- / 22.624	- / -	- / 22.624
P-40a	AEGIS Support Equipment				- / 853.537	- / 113.988	- / 187.988	- / 167.385	- / -	- / 167.385
P-40a	Integrated Combat System (ICS) Equipment				- / 20.134	- / 24.134	- / 27.333	- / 11.993	- / -	- / 11.993
P-40a	MK57 SUPPORT EQUIPMENT	P-5a, P-21			- / 40.661	- / 0.235	- / 0.223	- / 0.174	- / -	- / 0.174
P-40a	Vertical Launch Systems				- / 6.913	- / 43.209	- / 1.568	- / 1.072	- / -	- / 1.072
P-40a	ANTI SHIP MISSILE DECOY SYSTEM	P-5a, P-21			- / 169.079	- / -	- / -	- / -	- / -	- / -
P-40a	OTH Weapon System	P-5a			- / 52.891	- / 7.476	- / 22.415	- / 26.573	- / -	- / 26.573
P-40a	DRAKE				- / 0.154	- / 0.151	- / 0.130	- / -	- / -	- / -
P-3a	1 / NATO SEASPARROW (NSSMS Mk 57)				- / 87.343	- / 14.840	- / 15.743	- / 42.472	- / 0.000	- / 42.472
P-3a	2 / UR006 RAM LAUNCHERS (NON-FMP Install)				- / 78.990	- / 84.793	- / 55.985	- / 55.700	- / 0.000	- / 55.700
P-3a	3 / UQ005B - SSDS COTS CONVERSION KITS (TBD)				- / 547.548	- / 73.298	- / 64.245	- / 80.048	- / 0.000	- / 80.048
P-40	**Total Gross/Weapon System Cost**				**- / 2,174.614**	**- / 431.830**	**- / 527.292**	**- / 431.069**	**- / 0.000**	**- / 431.069**

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	NATO SEASPARROW				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Afloat Counter-Unmanned Aerial Systems (Afloat C-UAS)				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	RAM Launchers				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	SeaRAM Close-In Weapon System (CIWS)				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Ship Self Defense System				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	AEGIS Support Equipment				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Integrated Combat System (ICS) Equipment				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	MK57 SUPPORT EQUIPMENT	P-5a, P-21			- / -	- / -	- / -	- / -	- / -	- / -
P-40a	Vertical Launch Systems				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	ANTI SHIP MISSILE DECOY SYSTEM	P-5a, P-21			- / -	- / -	- / -	- / -	- / -	- / -
P-40a	OTH Weapon System	P-5a			- / -	- / -	- / -	- / -	- / -	- / -
P-40a	DRAKE				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / NATO SEASPARROW (NSSMS Mk 57)				- / 43.577	- / 52.253	- / 52.865	- / 53.818	- / 25.009	- / 387.920
P-3a	2 / UR006 RAM LAUNCHERS (NON-FMP Install)				- / 54.257	- / 54.763	- / 56.627	- / 57.730	- / 1,010.216	- / 1,509.061

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	**P-1 Line Item Number / Title:** 5231 / Ship Missile 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					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	3 / UQ005B - SSDS COTS CONVERSION KITS (TBD)				- / 85.869	- / 79.490	- / 78.042	- / 80.444	Continuing	Continuing
P-40	**Total Gross/Weapon System Cost**				**- / 415.368**	**- / 391.399**	**- / 411.245**	**- / 421.136**	**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:
DRAKE: Technical Correction Realigned funds to EOD CREW Budget Exhibit LI 5509.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	P-1 Line Item Number / Title: 5231 / Ship Missile Support Equipment	Aggregated Items Title: NATO SEASPARROW

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) New P40A Grouping																				
2.1) Mk57 Mod 12-15 Modernization	A		-	-	64.337	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.2) Mk57 Mod 14-17 Modernization	A		-	-	10.836	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) New P40A Grouping			**-**	**-**	***75.173***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) MK57 MOD 14-19 Modernization																				
3.1) Launcher Min-Mod BLK 2 Capability Upgrade	A		-	-	16.812	-	-	4.067	-	-	3.236	-	-	-	-	-	-	-	-	-
3.2) MK57 Mod 14-19 Engineering	A		-	-	-	-	-	5.226	-	-	33.035	-	-	13.316	-	-	-	-	-	13.316
3.3) MK57 Mod 14-19 Logistics	A		-	-	-	-	-	2.622	-	-	3.154	-	-	1.406	-	-	-	-	-	1.406
3.4) MK57 Mod 14-19 Depot	A		-	-	-	-	-	3.623	-	-	5.236	-	-	2.805	-	-	-	-	-	2.805
3.5) MK57 Mod 14-19 Cyber	A		-	-	-	-	-	2.355	-	-	4.791	-	-	2.605	-	-	-	-	-	2.605
3.6) MK57 Mod 14-19 Safety	A		-	-	-	-	-	0.718	-	-	0.830	-	-	0.811	-	-	-	-	-	0.811
Subtotal: 3) MK57 MOD 14-19 Modernization			**-**	**-**	***16.812***	**-**	**-**	***18.611***	**-**	**-**	***50.282***	**-**	**-**	***20.943***	**-**	**-**	**-**	**-**	**-**	***20.943***
Total			**-**	**-**	**91.985**	**-**	**-**	**18.611**	**-**	**-**	**50.282**	**-**	**-**	**20.943**	**-**	**-**	**-**	**-**	**-**	**20.943**

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 / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** Afloat Counter-Unmanned Aerial Systems (Afloat C-UAS)

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) Afloat Counter-Unmanned Aerial Systems (Afloat C-UAS)																				
1.1) Afloat Counter-Unmanned Aerial Systems (Afloat C-UAS) [1]	A		-	-	23.085	-	-	24.945	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: .1) Afloat Counter-Unmanned Aerial Systems (Afloat C-UAS)			**-**	**-**	***23.085***	**-**	**-**	***24.945***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**23.085**	**-**	**-**	**24.945**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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

Footnotes:

[1] Afloat Counter-Unmanned Aerial Systems (C-UAS): FY2024 and FY2025 funding utilized to rapidly field CUAS solutions for the Gerald R Ford Carrier Strike Group (CSG) and the Theodore Roosevelt CSG, which included the procurements of Longbow Hellfire launchers, procurements of Coyote launchers, installations, and integration work.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** RAM Launchers

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) UR006 RAM Launchers Production Support [2]																				
1.1) UR006 RAM Launchers Production Support	A		-	-	20.031	-	-	2.000	-	-	2.042	-	-	2.085	-	-	-	-	-	2.085
Subtotal: 1) UR006 RAM Launchers Production Support			**-**	**-**	***20.031***	**-**	**-**	***2.000***	**-**	**-**	***2.042***	**-**	**-**	***2.085***	**-**	**-**	**-**	**-**	**-**	***2.085***
2) UR901 Systems Improvements																				
2.1) UR901 System Improvement	A		-	-	5.839	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) UR901 Systems Improvements			**-**	**-**	***5.839***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**25.870**	**-**	**-**	**2.000**	**-**	**-**	**2.042**	**-**	**-**	**2.085**	**-**	**-**	**-**	**-**	**-**	**2.085**

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

Footnotes:

[2] RAM Launchers Production support is an annual requirement which supports all on-going production and installation efforts. It provides Design Agent engineering and field activity support to ensure that the build to print Technical Data Package (TDP) remains up to date and the designs remain producible. It also provides contractor and government in-house critical engineering and technical support of the production line and production test equipment. Efforts include the technical investigation and resolution of production issues, resolution of test equipment issues, configuration management, reliability assessments, safety, and product acceptance efforts.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** SeaRAM Close-In Weapon System (CIWS)

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) Ship Missile Support Equipment [3]																				
1) SeaRAM Close-In Weapon System (CIWS) [4]	A		-	-	-	-	-	-	-	-	71.470	-	-	-	-	-	-	-	-	-
Subtotal: .1) Ship Missile Support Equipment			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***71.470***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**0.000**	**-**	**-**	**-**	**-**	**-**	**71.470**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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

Footnotes:

[3] FY2026 funding procures six SeaRAM mounts for installation on DDG class destroyers as well as a mount for the Surface Combat Systems Training Command (SCSTC), the OEM Design Agent and the In-Service Engineering Agent.

[4] FY2026 funding procures six SeaRAM mounts for installation on DDG class destroyers as well as a mount for the Surface Combat Systems Training Command (SCSTC), the OEM Design Agent and the In-Service Engineering Agent.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** Ship Self Defense System

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) Ship Self Defense System (SSDS)																				
1.1) UQ002 - SSDS Production Support [5]	A		-	-	33.121	-	-	8.785	-	-	9.722	-	-	7.032	-	-	-	-	-	7.032
1.2) UQ003 - SSDS ECP / SCD [6]	A		-	-	4.767	-	-	1.027	-	-	1.345	-	-	1.010	-	-	-	-	-	1.010
1.3) UQ004 - SSDS Training [7]	A		-	-	9.095	-	-	1.159	-	-	1.430	-	-	0.590	-	-	-	-	-	0.590
1.4) UQ005A - SSDS COTS Eng/ Obsolescence Kits	A		-	-	21.502	-	-	0.840	-	-	0.441	-	-	0.398	-	-	-	-	-	0.398
1.5) UQ007 - Combat System Ship Qualification Trial (CSSQT) [8]	A		-	-	77.069	-	-	7.095	-	-	9.258	-	-	9.004	-	-	-	-	-	9.004
1.6) UQ008 - Combat System Documentation & Support [9]	A		-	-	30.870	-	-	5.244	-	-	5.672	-	-	4.590	-	-	-	-	-	4.590
Subtotal: 1) Ship Self Defense System (SSDS)			**-**	**-**	***176.424***	**-**	**-**	***24.150***	**-**	**-**	***27.868***	**-**	**-**	***22.624***	**-**	**-**	**-**	**-**	**-**	***22.624***
Total			**-**	**-**	**176.424**	**-**	**-**	**24.150**	**-**	**-**	**27.868**	**-**	**-**	**22.624**	**-**	**-**	**-**	**-**	**-**	**22.624**

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

Footnotes:

[5] UQ002 - funding provides required Production support efforts for various ship hulls. Costs will vary per year depending on the quantities of ships, the mix of ship classes (i.e., CVN, LHD, LHA, LPD, or LSD) and the CS weapons configuration.

[6] UQ003 - funding provides required SSDS ECP / SCD efforts for various ship hulls. Costs will vary per year depending on the quantities of ships, the mix of ship classes (i.e., CVN, LHD, LHA, LPD, or LSD) and the CS weapons configuration.

[7] UQ004 - funding provides required SSDS Training efforts for various ship hulls. Costs will vary per year depending on the quantities of ships, the mix of ship classes (i.e., CVN, LHD, LHA, LPD, or LSD) and the CS weapons configuration.

[8] UQ007 - CSSQT Advanced Planning is conducted 1 year prior to the execution of a CSSQT event SSDS CSSQT in FY27 (total $9,004K) includes: $7,004K for conduct of 2 CSSQT events (1 LHD and 1 LPD) $2,000K for Advanced Planning for 2 future CSSQT events (1 LHA and 1 CVN). CSSQT cost per year vary depending on the number of CSSQT events conducted and the advanced planning required for the number of future ships CSSQT events. The cost also varies depending on the mix of ship classes (i.e., CVN, LHD, LHA, LPD, or LSD) in any given year and the CS weapons configuration. CSSQT events cost are significantly higher than advanced planning costs.

[9] UQ008 - Combat System Documentation & Waterfront Support provides for generation, update, and validation of CS documentation because of CS configuration changes during ship modernization including Ship Selected Records, Combat System Operational Sequencing System, CS Capabilities and Limitations, Combat System Interface Diagrams, Combat System Alignment Manual and the Overall CS Operability Test. This also includes Combat System Project Engineers that coordinate with other SYSCOM elements for installation coordination and system of system testing with SSDS. CS documentation is produced for all CVN and Amphibious Class Ships undergoing Combat System SSDS MK 2 upgrades.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** AEGIS Support Equipment (10)

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) Aegis Support Equipment																				
1.1) L7001 - Depot Special Tooling/Test Equipment	A		-	-	50.990	-	-	10.934	-	-	9.023	-	-	7.952	-	-	-	-	-	7.952
1.2) L7003 - Integrated Warfare Systems Laboratory	A		-	-	1.317	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) L7006 - Surface Combat Systems Center Equipment (11)	A		-	-	135.060	-	-	15.037	-	-	8.294	-	-	10.112	-	-	-	-	-	10.112
1.4) L7007 - Aegis Training and Readiness Center Upgrade (12)	A		-	-	80.156	-	-	4.896	-	-	5.032	-	-	5.380	-	-	-	-	-	5.380
1.5) L7008 - Combat System Engineering Development Site (CSEDS) (13)	A		-	-	-	-	-	1.130	-	-	1.450	-	-	2.640	-	-	-	-	-	2.640
1.6) L7011 - Aegis Weapon System Ship Change Procurement (14)	A		-	-	102.674	-	-	6.107	-	-	23.628	-	-	42.102	-	-	-	-	-	42.102
1.7) L7012 - SPY 1D/DV Radar Enhancements (ALPS) (15)	A		-	-	115.033	-	-	20.792	-	-	82.928	-	-	7.580	-	-	-	-	-	7.580
1.8) L7014 - SPY Wholeness	A		-	-	203.872	-	-	16.885	-	-	6.330	-	-	6.750	-	-	-	-	-	6.750
1.9) L7015 - AEGIS SEARAM Integration and Installation Support	A		-	-	8.256	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.10) L7016 - AEGIS TI12H Backfit	A		-	-	56.100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.11) L7017 - Integrated Combat System Equipment	A		-	-	16.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.12) L7018 - Enhance Collection System (ECS) Proc & Install Support	A		-	-	-	-	-	7.700	-	-	8.500	-	-	8.000	-	-	-	-	-	8.000
1.13) L7019 - AEGIS Depot Maintenance Support	A		-	-	-	-	-	15.929	-	-	19.996	-	-	19.338	-	-	-	-	-	19.338

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** AEGIS Support Equipment (10)

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)
1.15) L7027 - Computer Program Software Licenses (16)	A		-	-	-	-	-	-	-	-	-	-	-	10.100	-	-	-	-	-	10.100
1.16) L7600 - Aegis Support Equipment Installation (17)	A		-	-	83.579	-	-	14.578	-	-	22.807	-	-	47.431	-	-	-	-	-	47.431
Subtotal: 1) Aegis Support Equipment			**-**	**-**	***853.537***	**-**	**-**	***113.988***	**-**	**-**	***187.988***	**-**	**-**	***167.385***	**-**	**-**	**-**	**-**	**-**	***167.385***
Total			**-**	**-**	**853.537**	**-**	**-**	**113.988**	**-**	**-**	**187.988**	**-**	**-**	**167.385**	**-**	**-**	**-**	**-**	**-**	**167.385**

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

Footnotes:

(10) Provides equipment procurement and installation support for AEGIS Shore Facilities and Shipboard Upgrades to AEGIS Cruisers and Destroyers required to maintain the readiness of the AEGIS Weapon System in support of Combatant Commanders requirements. Combat System Procurements: L7001: Special Tools & Test Equipment, MK-99 and SPY Procurements. L7003: Computers, Displays, and Simulators for Integrated Warfare Systems Laboratory (IWSL) at Dahlgren, VA. L7006: Weapon/Combat System Equipment for Surface Combat System Center (SCSC) at Wallops Island, VA. L7007: Weapon/Combat System Equipment for AEGIS Readiness Training Center (ATRC) at Dahlgren, VA. L7008: Weapon/Combat System Equipment for Combat System Engineering Development Site (CSEDS) at Moorestown, NJ L7011: AEGIS Weapon System Procurements to support Ship Change Documents. L7012: AEGIS Weapon System Procurements to support AEGIS SPY-1D/DV Enhancements for AEGIS DDGs (ALPS). L7014: AEGIS SPY Wholeness to convert 8 LNA Arrays to SPY-1 for fleet Battle Spares. L7015: AEGIS Integration and Installation support for 4 DDG to receive SEARAM upgrade. (Effort completed in FY21) L7016: AEGIS Baseline 9 upgrades. (Effort completed in FY23) L7017: Integrated Combat System (ICS) Equipment. Procures MK 6 MOD X equipment for LBTS and Infrastructure as a Service (IaaS) ORDALT kits for ships. (Effort Shifts to ICS in FY24) L7018: Enhanced Collection System (ECS) Equipment procurement and installation support. L7019: AEGIS Depot Maintenance support. L7020: AEGIS BMD Software and Hardware. L7027: AEGIS Software License Procurements including Red Hat Enterprise Linux (RHEL) and others as required to support AEGIS DDGs. L7600: AEGIS Installation support for approved ship changes.

(11) L7006 - Surface Combat Systems Center Equipment; FY27 increases due to planned phasing of hardware procurements for AEGIS Land Based Test Site (LBTS) required to maintain test and certification plans.

(12) L7007 - Aegis Training and Readiness Center Upgrade: FY27 increases due to AEGIS LBTS hardware configuration updates required to maintain test and certification plans.

(13) L7008 - Combat System Engineering Development Site (CSEDS): FY27 increases due to AEGIS LBTS hardware configuration updates required to maintain test and certification plans.

(14) L7011 - Aegis Weapon System Ship Change Procurement: FY26 & FY27 increase due to FLT I DDG Service Life Extension.

(15) L7012 - SPY 1D/DV Radar Enhancements (ALPS): FY27 decrease due to planned transition to ALPS Tech Refresh Procurement.

(16) L7027 - FY27 Increase to support RHEL 6.5 Software License procurement requirements to address cyber requirements and address cost increase due to software obsolescence.

(17) L7600 - Aegis Support Equipment Installation: FY27 increase is required to field ORDALTS to maintain the operational readiness of AEGIS CG's & DDG's. FY26 increase due to FLT I DDG Service Life Extension.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** Integrated Combat System (ICS) 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) Infrastructure as a Service (IaaS) Equipment [18]																				
1.1) Infrastructure as a Service (IaaS) Equipment	A		-	-	20.134	-	-	24.134	-	-	27.333	-	-	11.993	-	-	-	-	-	11.993
Subtotal: .1) Infrastructure as a Service (IaaS) Equipment			**-**	**-**	***20.134***	**-**	**-**	***24.134***	**-**	**-**	***27.333***	**-**	**-**	***11.993***	**-**	**-**	**-**	**-**	**-**	***11.993***
Total			**-**	**-**	**20.134**	**-**	**-**	**24.134**	**-**	**-**	**27.333**	**-**	**-**	**11.993**	**-**	**-**	**-**	**-**	**-**	**11.993**

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

Footnotes:

[18] Procures Infrastructure as a Service (IaaS) Equipment to support combat system Land Based Test Sites and shipsets in support of DDG, FFG and US Coast Guard WMSM installations. IaaS provides automated and scalable processing, network, storage, and other resources provided to the consumer. It enables the decoupling of hardware (HW) and software (SW),and eliminates the dependencies on specific HW configurations. IaaS enables the use of all available compute, storage, and network resources, while providing capacity for future growth and capability expansion. IaaS is a key component in our transition to an ICS. The MK 6 MOD X compute infrastructure will be developed with an IaaS capability. The IaaS ORDALT kits will enable IaaS capability on legacy TI-16 MK 6 MOD 0 and TI-16 MK 6 MOD 1 compute infrastructures in the fleet today.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** MK57 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) MK57 Support Equipment																				
1.1) MK57 UCEU INTEGRATED LOGISTICS SUPPORT	A		-	-	6.427	-	-	0.235	-	-	0.223	-	-	0.174	-	-	-	-	-	0.174
1.2) MK57 UCEU HARDWARE PROCUREMENT (19)(†)	A		171,170.00	200	34.234	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) MK57 Support Equipment			**-**	**-**	***40.661***	**-**	**-**	***0.235***	**-**	**-**	***0.223***	**-**	**-**	***0.174***	**-**	**-**	**-**	**-**	**-**	***0.174***
Total			**-**	**-**	**40.661**	**-**	**-**	**0.235**	**-**	**-**	**0.223**	**-**	**-**	**0.174**	**-**	**-**	**-**	**-**	**-**	**0.174**

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:

(19) MK57 VERTICAL LAUNCH SYSTEM (VLS) UNIVERSAL CANISTER ELECTRONICS UNIT(UCEU) PRODUCTION ENGINEERING and LOGISTICS SUPPORT: Funds provided for systems engineering, testing, engineering changes, cyber security accreditation, installation, production support, and hardware. This funding line also provides for development of training curriculum, depot repair procedures, and logistics required to maintain compatibility and interoperability with Total Ship Computing Environment (TSCE) combat system on DDG 1000 Class. MK57 VERTICAL LAUNCH SYSTEM (VLS) UCEU HARDWARE PROCUREMENT: MK57 VERTICAL LAUNCH SYSTEM (VLS) UCEU HARDWARE PROCUREMENT: Procures UCEU hardware necessary for DDG1001 & DDG1002 to have full missile capabilities for AAW, self-defense and land attack.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	P-1 Line Item Number / Title: 5231 / Ship Missile Support Equipment	Aggregated Items: MK57 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) MK57 Support Equipment												
1.2) MK57 UCEU HARDWARE PROCUREMENT (19)(†)		2021	Custom Manufacturing & Engineering, Inc. / Pinellas Park, FI	C / FFP	NAVSEA FIELD ACTIVITY	Mar 2021	Jan 2024	40	315,000.00	Y		Aug 2020
1.2) MK57 UCEU HARDWARE PROCUREMENT (19)(†)		2022	Custom Manufacturing & Engineering, Inc. / Pinellas Park, FI	C / FFP	NAVSEA FIELD ACTIVITY	Nov 2021	Jun 2024	40	265,000.00	Y		
1.2) MK57 UCEU HARDWARE PROCUREMENT (19)(†)		2023 (20)	Commonwealth Technology Innovation / Alexandria, VA	C / FFP	NAVSEA FIELD ACTIVITY	Oct 2023	Jun 2024	40	275,850.00	Y		

(†) indicates the presence of a P-21

Footnotes:

(20) Custom Manufacturing and Engineering (CME) was unable to deliver a complete Universal Canister Electronics Unit (UCEU). In October 2023, the production of the UCEU control modules was removed from the CME contract and awarded to Commonwealth Technology Innovation (CTI). CME will continue to produce the UCEU power modules.

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items:** MK57 SUPPORT EQUIPMENT

Items (Units in Each)							Fiscal Year 2021												Fiscal Year 2022											BALANCE
										Calendar Year 2021														Calendar Year 2022											
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	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) MK57 Support Equipment																														
1.2) MK57 UCEU HARDWARE PROCUREMENT [19]																														
Prior Years Deliveries: 80																														
	1	2021	NAVY	40	0	40						A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40
	2	2022	NAVY	40	0	40														A	-	-	-	-	-	-	-	-	-	-	40
	3	2023	NAVY	40	0	40																									40
							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 / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items:** MK57 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	
1) MK57 Support Equipment																															
1.2) MK57 UCEU HARDWARE PROCUREMENT [19]																															
Prior Years Deliveries: 80																															
	1	2021	NAVY	40	0	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40									0
	2	2022	NAVY	40	0	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40					0
	3	2023	NAVY	40	0	40													A -	-	-	-	-	-	-	40					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 / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items:** MK57 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	Custom Manufacturing & Engineering, Inc. - Pinellas Park, Fl			TBD	0	12	0	12	0	0	12	12
2	Custom Manufacturing & Engineering, Inc. - Pinellas Park, Fl			TBD	0	0	0	0	0	0	0	0
3	Commonwealth Technology Innovation - Alexandria, VA			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-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** Vertical Launch Systems

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) Vertical Launch Systems																				
1.1) VLS ORDALTS	A		-	-	4.493	-	-	0.967	-	-	1.299	-	-	0.856	-	-	-	-	-	0.856
1.2) VLS PRODUCTION ENGINEERING	A		-	-	1.854	-	-	0.179	-	-	0.205	-	-	0.151	-	-	-	-	-	0.151
1.3) FY25 Israel PDA (Tranche 5 and 6)	A		-	-	-	-	-	42.000	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) Vertical Launch Systems			**-**	**-**	***6.347***	**-**	**-**	***43.146***	**-**	**-**	***1.504***	**-**	**-**	***1.007***	**-**	**-**	**-**	**-**	**-**	***1.007***
2) 5A5IN Install Equipment N86 (21)																				
2.1) 5A5IN Install Equipment N86	A		-	-	0.566	-	-	0.063	-	-	0.064	-	-	0.065	-	-	-	-	-	0.065
Subtotal: 2) 5A5IN Install Equipment N86			**-**	**-**	***0.566***	**-**	**-**	***0.063***	**-**	**-**	***0.064***	**-**	**-**	***0.065***	**-**	**-**	**-**	**-**	**-**	***0.065***
Total			**-**	**-**	**6.913**	**-**	**-**	**43.209**	**-**	**-**	**1.568**	**-**	**-**	**1.072**	**-**	**-**	**-**	**-**	**-**	**1.072**

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

Footnotes:

(21) VLS ORDALT Installation

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** ANTI SHIP MISSILE DECOY SYSTEM

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) VV002 - NULKA DECOYS																				
1.1) NULKA DECOYS(†)	A		1,477K	65	96.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) VV002 - NULKA DECOYS			**-**	**-**	***96.001***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) VV830 - PRODUCTION ENGINEERING																				
2.1) PRODUCTION ENGINEERING	A		-	-	11.042	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) VV830 - PRODUCTION ENGINEERING			**-**	**-**	***11.042***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) VV004 - ADAP PAYLOAD																				
3.1) ADAP PAYLOAD(†)	A		493,547.95	73	36.029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) VV004 - ADAP PAYLOAD			**-**	**-**	***36.029***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5) VV003 - ENG CHANGE PROPOSALS (ECPs)/ILS SUPPORT																				
5.1) ECPs	A		-	-	5.184	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.2) Logistics/ Production Support	A		-	-	16.721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5) VV003 - ENG CHANGE PROPOSALS (ECPs)/ILS SUPPORT			**-**	**-**	***21.905***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
6) VV001 - NULKA SYSTEMS																				
6.1) DECOY LAUNCHING SYSTEM	A		683,666.67	6	4.102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 6) VV001 - NULKA SYSTEMS			**-**	**-**	***4.102***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**169.079**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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 / 04 / 3	P-1 Line Item Number / Title: 5231 / Ship Missile Support Equipment	Aggregated Items: ANTI SHIP MISSILE DECOY SYSTEM

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) VV002 - NULKA DECOYS												
1.1) NULKA DECOYS(†)		2017	BAES / AUSTRALIA	C / FFP	US Embassy, Canberra	Jun 2018	Aug 2019	21	1,456K	Y		
1.1) NULKA DECOYS(†)		2018	BAES / AUSTRALIA	C / FFP	US Embassy, Canberra	Dec 2018	Feb 2020	25	1,235K	Y		
1.1) NULKA DECOYS(†)		2019	BAES / AUSTRALIA	C / FFP	US Embassy, Canberra	Dec 2018	Dec 2020	7	1,900K	Y		
3) VV004 - ADAP PAYLOAD												
3.1) ADAP PAYLOAD(†)		2016	EXELIS / NJ	C / FFP	Naval Research Lab	Apr 2016	Jun 2018	35	537,970.00	Y		
3.1) ADAP PAYLOAD(†)		2017	EXELIS / NJ	C / FFP	Naval Research Lab	Aug 2017	Nov 2019	38	452,632.00	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 / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items:** ANTI SHIP MISSILE DECOY SYSTEM

Items (Units in Each)							Fiscal Year 2016												Fiscal Year 2017												BALANCE
										Calendar Year 2016														Calendar Year 2017									
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2015	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) VV002 - NULKA DECOYS																															
1.1) NULKA DECOYS																															
Prior Years Deliveries: 12																															
	4	2017	NAVY	21	0	21																									21
	4	2018	NAVY	25	0	25																									25
	4	2019	NAVY	7	0	7																									7
3) VV004 - ADAP PAYLOAD																															
3.1) ADAP PAYLOAD																															
	5	2016	NAVY	35	0	35							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
	5	2017	NAVY	38	0	38																							A	-	38
							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 / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items:** ANTI SHIP MISSILE DECOY SYSTEM

Items (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) VV002 - NULKA DECOYS																														
1.1) NULKA DECOYS																														
Prior Years Deliveries: 12																														
	4	2017	NAVY	21	0	21									A -	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	18
	4	2018	NAVY	25	0	25															A -	-	-	-	-	-	-	-	-	-	25
	4	2019	NAVY	7	0	7															A -	-	-	-	-	-	-	-	-	-	7
3) VV004 - ADAP PAYLOAD																														
3.1) ADAP PAYLOAD																														
	5	2016	NAVY	35	0	35	-	-	-	-	-	-	-	-	2	3	3	3	3	3	3	3	3	3	3	3	3				0
	5	2017	NAVY	38	0	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38
							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 / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items:** ANTI SHIP MISSILE DECOY SYSTEM

Items (Units in Each)							Fiscal Year 2020												Fiscal Year 2021												
							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	BALANCE
1) VV002 - NULKA DECOYS																														
1.1) NULKA DECOYS																														
Prior Years Deliveries: 12																														
	4	2017	NAVY	21	3	18	2	2	2	2	1	1	2	2	2	2														0
	4	2018	NAVY	25	0	25	-	-	-	-	2	3	2	2	2	2	2	2	2	2	2	2									0
	4	2019	NAVY	7	0	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1				0
3) VV004 - ADAP PAYLOAD																														
3.1) ADAP PAYLOAD																														
	5	2016	NAVY	35	35	0																								0
	5	2017	NAVY	38	0	38	-	2	3	3	4	3	3	4	3	4	3	3	3												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 / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items:** ANTI SHIP MISSILE DECOY SYSTEM

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	BAES - AUSTRALIA			192	0	6	12	18	0	0	12	12
2	EXELIS - NJ			TBD	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-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** OTH Weapon System

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) OTH Weapon System [22]																				
1.1) OTH PROCUREMENT [23](†)	A		694,000.00	19	13.186	-	-	-	1,000K	4	4.000	1,002K	3	3.006	-	-	-	1,002K	3	3.006
1.2) OTH SUPPORT	A		-	-	3.174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) OTH Weapon System			**-**	**-**	***16.360***	**-**	**-**	**-**	**-**	**-**	***4.000***	**-**	**-**	***3.006***	**-**	**-**	**-**	**-**	**-**	***3.006***
2) OTH WS INSTALLATION																				
2.1) OTH WS INSTALLATION [24]	A		-	-	36.531	-	-	7.476	-	-	18.415	-	-	23.567	-	-	-	-	-	23.567
Subtotal: 2) OTH WS INSTALLATION			**-**	**-**	***36.531***	**-**	**-**	***7.476***	**-**	**-**	***18.415***	**-**	**-**	***23.567***	**-**	**-**	**-**	**-**	**-**	***23.567***
Total			**-**	**-**	**52.891**	**-**	**-**	**7.476**	**-**	**-**	**22.415**	**-**	**-**	**26.573**	**-**	**-**	**-**	**-**	**-**	**26.573**

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:

[22] FY26 increase due to 4 OTH WS procurements for LCS Freedom FY27 & FY28 increase due to 3 & 2 OTH WS procurements for DDG

[23] FY26 increase due to 4 OTH WS procurements for LCS Freedom FY27 & FY28 increase due to 3 & 2 OTH WS procurements for DDG

[24] FY26 increase due to LCS Freedom installation acceleration FY27 & FY28 increase due to 3 & 2 OTH WS installation for DDG

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	P-1 Line Item Number / Title: 5231 / Ship Missile Support Equipment	Aggregated Items: OTH Weapon System

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) OTH Weapon System												
1.1) OTH PROCUREMENT (23)		2019	Raytheon CO / Tucson, AZ	C / FFP	NAVSEA	Oct 2018	Oct 2020	1	2,874K	Y		Feb 2017
1.1) OTH PROCUREMENT (23)		2020	Raytheon CO / Tucson, AZ	C / FFP	NAVSEA	Feb 2020	Feb 2022	2	711,914.00	Y		Feb 2017
1.1) OTH PROCUREMENT (23)		2021	Raytheon CO / Tucson, AZ	C / FFP	NAVSEA	Mar 2021	Mar 2023	4	628,302.00	Y		Feb 2017
1.1) OTH PROCUREMENT (23)		2022	Raytheon CO / Tucson, AZ	C / FFP	NAVSEA	May 2022	May 2024	6	550,782.00	Y		Feb 2017
1.1) OTH PROCUREMENT (23)		2023	Raytheon CO / Tucson, AZ	C / FFP	NAVSEA	Mar 2023	Mar 2025	6	511,686.00	Y		Feb 2017
1.1) OTH PROCUREMENT (23)		2026	Raytheon CO / Tucson, AZ	C / FFP	NAVSEA	May 2026	May 2028	4	1,000K	Y		Feb 2017

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Aggregated Items Title:** DRAKE

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) DRAKE- SUBMARINE WARFARE (N97)																				
1.2) Technical Insertion- Increment 1 [25]	A		-	-	0.154	-	-	0.151	-	-	0.130	-	-	-	-	-	-	-	-	-
Subtotal: .1) DRAKE- SUBMARINE WARFARE (N97)			**-**	**-**	***0.154***	**-**	**-**	***0.151***	**-**	**-**	***0.130***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**0.154**	**-**	**-**	**0.151**	**-**	**-**	**0.130**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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

Footnotes:

[25] DRAKE SYSTEMS/TECH INSERTION UNDERSEA ENTERPRISE: Procures Engineering Change Proposals (ECPs) for DRAKE 2.0 systems and Retrofit Kits to upgrade DRAKE 1.0 Systems currently fielded onboard all Submarine Classes. DRAKE utilizes open software architecture and Software Defined Radios, enabling upgrades as threats evolve. DRAKE 2.0 capability will be developed and fielded in two increments and DRAKE 1.0 systems will be retrofit to 2.0. Technical Correction Realigned funds to EOD CREW Budget Exhibit LI 5509.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 1 / NATO SEASPARROW
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)*	87.343	14.840	15.743	42.472	0.000	42.472	43.577	52.253	52.865	53.818	25.009	387.920
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	87.343	14.840	15.743	42.472	0.000	42.472	43.577	52.253	52.865	53.818	25.009	387.920
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**87.343**	**14.840**	**15.743**	**42.472**	**0.000**	**42.472**	**43.577**	**52.253**	**52.865**	**53.818**	**25.009**	**387.920**
(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:

Equipment procurements on the P3a

1. Objective Configuration H/W line supports the NSSMS Mk57 Mod 14 (L class ships) for installation on six LHD 1 class ships.
2. Launcher Min-Mod to BLK 2 H/W line procures equipment required to support the BLK 2 capability on LHA/LHD/CVN Class ships.
3. A new transmitter replacement is in process to provide near term replacement of the obsolete MK73 Mod 3 Transmitter Group that can no longer be procured.
4. Launcher replacement program required for fielding of ESSM BLK 2 missile capability integrated in an optimized fashion. This effort is intended to replace 1970's era MK 29 Guided Missile Launching System (GMLS) which is growing obsolete.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	P-1 Line Item Number / Title: 5231 / Ship Missile Support Equipment	Modification Number / Title: 1 / NATO SEASPARROW
ID Code (A=Service Ready, B=Not Service Ready) :	MDAP/MAIS Code:	
Models of Systems Affected: MK 57	Modification Type: NSSMS Mk 57	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 4: Objective Configuration												
A Kits												
Non-Recurring												
1.1.1) Objective Configuration (LHD 1 Class Forward Fit H/W) - NonOrganic	4 / 40.453	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 40.453
1.1.2) Objective Configuration H/W (LHA/LHD/CVN) Backfit - NonOrganic [26]	5 / 1.034	1 / 0.218	2 / 0.225	1 / 0.286	- / -	1 / 0.286	1 / 0.295	1 / 0.302	1 / 0.313	1 / 0.323	- / -	13 / 2.996
Subtotal: Non-Recurring	*- / 41.487*	*- / 0.218*	*- / 0.225*	*- / 0.286*	*- / -*	*- / 0.286*	*- / 0.295*	*- / 0.302*	*- / 0.313*	*- / 0.323*	*- / 0.000*	*- / 43.449*
Subtotal: Objective Configuration	*9 / 41.487*	*1 / 0.218*	*2 / 0.225*	*1 / 0.286*	*- / -*	*1 / 0.286*	*1 / 0.295*	*1 / 0.302*	*1 / 0.313*	*1 / 0.323*	*- / -*	*17 / 43.449*
Modification Item 2 of 4: Launcher Min-Mod to Blk 2												
A Kits												
Non-Recurring												
2.1.1) Launcher Min-Mod Blk 2 Capability H/W - NonOrganic [27]	1 / 1.134	1 / 0.302	1 / 0.256	1 / 0.213	- / -	1 / 0.213	1 / 0.221	1 / 0.229	1 / 0.236	- / -	- / -	7 / 2.591
Subtotal: Non-Recurring	*- / 1.134*	*- / 0.302*	*- / 0.256*	*- / 0.213*	*- / -*	*- / 0.213*	*- / 0.221*	*- / 0.229*	*- / 0.236*	*- / -*	*- / 0.000*	*- / 2.591*
Subtotal: Launcher Min-Mod to Blk 2	*1 / 1.134*	*1 / 0.302*	*1 / 0.256*	*1 / 0.213*	*- / -*	*1 / 0.213*	*1 / 0.221*	*1 / 0.229*	*1 / 0.236*	*- / -*	*- / -*	*7 / 2.591*
Modification Item 3 of 4: MK9 Mod 2 CWTI Enhancement H/W Procurement												
A Kits												
Non-Recurring												
3.1.1) MK 9 Mod 2 CWTI Enhancement H//W - NonOrganic	3 / 18.364	2 / 10.703	2 / 11.326	2 / 11.263	- / -	2 / 11.263	2 / 11.322	2 / 10.778	2 / 10.092	2 / 10.418	- / -	17 / 94.266
Subtotal: Non-Recurring	*- / 18.364*	*- / 10.703*	*- / 11.326*	*- / 11.263*	*- / -*	*- / 11.263*	*- / 11.322*	*- / 10.778*	*- / 10.092*	*- / 10.418*	*- / 0.000*	*- / 94.266*
Subtotal: MK9 Mod 2 CWTI Enhancement H/W Procurement	*3 / 18.364*	*2 / 10.703*	*2 / 11.326*	*2 / 11.263*	*- / -*	*2 / 11.263*	*2 / 11.322*	*2 / 10.778*	*2 / 10.092*	*2 / 10.418*	*- / -*	*17 / 94.266*
Modification Item 4 of 4: ESSM Adaptable Deck Launcher (ADL)												
A Kits												
Non-Recurring												
4.1.1) Adaptable Deck Launcher (ADL) Procurement - NonOrganic [28]	- / -	- / -	- / -	1 / 26.764	- / -	1 / 26.764	1 / 27.608	1 / 28.478	1 / 29.375	1 / 30.034	- / -	5 / 142.259
Subtotal: Non-Recurring	*- / 0.000*	*- / -*	*- / -*	*- / 26.764*	*- / -*	*- / 26.764*	*- / 27.608*	*- / 28.478*	*- / 29.375*	*- / 30.034*	*- / 0.000*	*- / 142.259*

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 1 / NATO SEASPARROW
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: MK 57	**Modification Type:** NSSMS Mk 57	**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: ESSM Adaptable Deck Launcher (ADL)	*- / -*	*- / -*	*- / -*	*1 / 26.764*	*- / -*	*1 / 26.764*	*1 / 27.608*	*1 / 28.478*	*1 / 29.375*	*1 / 30.034*	*- / -*	*5 / 142.259*
Subtotal: Procurement, All Modification Items	*- / 60.985*	*- / 11.223*	*- / 11.807*	*- / 38.526*	*- / -*	*- / 38.526*	*- / 39.446*	*- / 39.787*	*- / 40.016*	*- / 40.775*	*- / 0.000*	*- / 282.565*
Installation												
Modification Item 1 of 4: Objective Configuration	- / 25.548	- / 2.299	- / 2.368	- / 2.189	- / 0.000	- / 2.189	- / 2.123	- / 2.338	- / 2.415	- / 2.468	- / 2.802	- / 44.550
Modification Item 2 of 4: Launcher Min-Mod to Blk 2	- / 0.810	- / 0.000	- / 0.053	- / 0.055	- / 0.000	- / 0.055	- / 0.057	- / 0.059	- / 0.061	- / 0.000	- / 0.065	- / 1.160
Modification Item 3 of 4: MK9 Mod 2 CWTI Enhancement H/W Procurement	- / 0.000	- / 1.318	- / 1.515	- / 1.702	- / 0.000	- / 1.702	- / 1.951	- / 2.204	- / 2.270	- / 2.305	- / 4.826	- / 18.091
Modification Item 4 of 4: ESSM Adaptable Deck Launcher (ADL)	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 7.865	- / 8.103	- / 8.270	- / 17.316	- / 41.554
Subtotal: Installation	*- / 26.358*	*- / 3.617*	*- / 3.936*	*- / 3.946*	*- / -*	*- / 3.946*	*- / 4.131*	*- / 12.466*	*- / 12.849*	*- / 13.043*	*- / 25.009*	*- / 105.355*
Total												
Total Cost (Procurement + Support + Installation)	**87.343**	**14.840**	**15.743**	**42.472**	**0.000**	**42.472**	**43.577**	**52.253**	**52.865**	**53.818**	**25.009**	**387.920**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 1 / NATO SEASPARROW
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 4: Objective Configuration

Manufacturer Information

Manufacturer Name: NSWC Port Hueneme Division	Manufacturer Location: Oxnard 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	Jul 2025	Jul 2026	Jul 2027	Jul 2028	Jul 2029	Jul 2030	Jul 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: Objective Configuration (LHD 1 Class Forward Fit H/W)

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 / 14.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	4 / 14.900
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	4 / 14.900	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	4 / 14.900

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	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4

Method of Implementation: [none specified]:: Installation Name: Objective Configuration H/W (LHA/LHD/CVN) 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	3 / 10.648	1 / 2.299	1 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	5 / 12.947

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 1 / NATO SEASPARROW
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 4: Objective Configuration

Installation Information

Method of Implementation: [none specified]:: Installation Name: Objective Configuration H/W (LHA/LHD/CVN) 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)*
FY 2025	- / -	- / -	1 / 2.368	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 2.368
FY 2026	- / -	- / -	- / -	2 / 2.189	0 / 0.000	2 / 2.189	- / -	- / -	- / -	- / -	0 / 0.000	2 / 2.189
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.123	- / -	- / -	- / -	0 / 0.000	1 / 2.123
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.338	- / -	- / -	0 / 0.000	1 / 2.338
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.415	- / -	0 / 0.000	1 / 2.415
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.468	1 / 0.000	1 / 2.468
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 2.802	1 / 2.802
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	3 / 10.648	1 / 2.299	2 / 2.368	2 / 2.189	0 / 0.000	2 / 2.189	1 / 2.123	1 / 2.338	1 / 2.415	0 / 2.468	2 / 2.802	13 / 29.650

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	-	-	-	1	-	1	-	1	-	1	1	-	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	2	13
Out	3	-	-	-	-	-	1	-	-	1	-	1	-	-	1	1	1	-	-	-	-	-	-	-	1	-	1	-	-	2	13

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 1 / NATO SEASPARROW
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 2 of 4: Launcher Min-Mod to Blk 2

Manufacturer Information

Manufacturer Name: NSWC Port Hueneme Division	Manufacturer Location: Oxnard 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	Jul 2025	Jul 2026	Jul 2027	Jul 2028	Jul 2029	Jul 2030	
Delivery Dates	Jul 2026	Jul 2027	Jul 2028	Jul 2029	Jul 2030	Jul 2031	

Installation Information

Method of Implementation: AIT:: Installation Name: Launcher Min-Mod Blk 2 Capability H/W

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 / 0.810	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.810
FY 2025	- / -	- / -	1 / 0.053	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.053
FY 2026	- / -	- / -	- / -	1 / 0.055	0 / 0.000	1 / 0.055	- / -	- / -	- / -	- / -	0 / 0.000	1 / 0.055
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.057	- / -	- / -	- / -	0 / 0.000	1 / 0.057
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.059	- / -	- / -	0 / 0.000	1 / 0.059
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.061	- / -	0 / 0.000	1 / 0.061
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.065	1 / 0.065
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	1 / 0.810	- / -	1 / 0.053	1 / 0.055	0 / 0.000	1 / 0.055	1 / 0.057	1 / 0.059	1 / 0.061	- / -	1 / 0.065	7 / 1.160

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	-	-	-	-	1	1	7

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 1 / NATO SEASPARROW
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 3 of 4: MK9 Mod 2 CWTI Enhancement H/W Procurement

Manufacturer Information

Manufacturer Name: Saab	Manufacturer Location: Syracuse, NY
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	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	
Delivery Dates	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031	Jan 2032	

Installation Information

Method of Implementation: AIT:: Installation Name: MK 9 Mod 2 CWTI Enhancement H//W

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 / 1.318	2 / 1.515	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 2.833
FY 2025	- / -	- / -	- / -	2 / 1.702	0 / 0.000	2 / 1.702	- / -	- / -	- / -	- / -	0 / 0.000	2 / 1.702
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	2 / 1.951	- / -	- / -	- / -	0 / 0.000	2 / 1.951
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.204	- / -	- / -	0 / 0.000	2 / 2.204
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.270	- / -	0 / 0.000	2 / 2.270
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.305	2 / 0.000	2 / 2.305
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.376	2 / 2.376
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 2.450	2 / 2.450
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	1 / 1.318	2 / 1.515	2 / 1.702	0 / 0.000	2 / 1.702	2 / 1.951	2 / 2.204	2 / 2.270	0 / 2.305	6 / 4.826	17 / 18.091

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	-	-	-	2	-	-	-	-	2	-	-	-	-	2	2	-	-	-	-	-	-	-	6	17
Out	-	-	-	-	-	-	1	-	2	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	2	-	-	-	-	8	17

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 1 / NATO SEASPARROW
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 4 of 4: ESSM Adaptable Deck Launcher (ADL)

Manufacturer Information

Manufacturer Name: BAE	Manufacturer Location: Minneapolis, MN
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			Jan 2027	Jan 2028	Jan 2029	Jan 2030	
Delivery Dates			Jan 2029	Jan 2030	Jan 2031	Jan 2032	

Installation Information

Method of Implementation: AIT:: Installation Name: Adaptable Deck Launcher (ADL) 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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.865	- / -	- / -	0 / 0.000	1 / 7.865
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.103	- / -	0 / 0.000	1 / 8.103
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 8.270	1 / 0.000	1 / 8.270
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.526	1 / 8.526
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 8.790	1 / 8.790
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 7.865	1 / 8.103	0 / 8.270	3 / 17.316	5 / 41.554

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	5
Out	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	4	5

Footnotes:

(26) This line provides funding for NSSMS MK 57 Mods 14/15 Objective Configuration Upgrades on CVN/LHD class ships. This effort consists mainly of Alteration Installation Team (AIT) efforts to remove the Q70s and install new cables and install updated software. This effort has very small hardware requirements.

(27) With the change in current Min Mod program technical approach which requires additional engineering and less hardware the hardware/install funding lines have been reduced.

(28) Title is update to Adaptable Deck Launcher (ADL) (previously Next Generation Launcher (NGL)). 1 Unit = 1 ADL Shipset

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 2 / UR006 RAM LAUNCHERS
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)*	78.990	84.793	55.985	55.700	0.000	55.700	54.257	54.763	56.627	57.730	1,010.216	1,509.061
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	78.990	84.793	55.985	55.700	0.000	55.700	54.257	54.763	56.627	57.730	1,010.216	1,509.061
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**78.990**	**84.793**	**55.985**	**55.700**	**0.000**	**55.700**	**54.257**	**54.763**	**56.627**	**57.730**	**1,010.216**	**1,509.061**
(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:

Rolling Airframe Missile (RAM) is a cooperative program executed under a series of Memorandums of Understanding between the U.S. and the Federal Republic of Germany. RAM is a high firepower missile used to defeat Anti-Ship Missiles (ASMs) and other anti-air warfare threats with no dependence on ship's fire control illuminators for terminal guidance. The RAM missile is fired from the RAM Guided Missile Launching System (GMLS) (MK-49) which holds 21 rounds. The MK 49 GMLS is installed on various platforms ranging from USN aircraft carriers (CVN) to Guided Missile Destroyers (DDGs).

FY27 funding supports the hardware procurement and installation of Ordnance Alterations (ORDALT) to address safety, obsolescence, and enable the firing of new missile variants and supports procurement and installation of launchers on in-service DDGs in accordance with recent Naval Capability Board decision to outfit the ARLEIGH BURKE class destroyers with increased terminal defense capabilities.

For ORDALTs the hardware production lead time is 24 months and installations are executed in accordance with Ship Maintenance Availability Schedules. The FY27 procurements include the Firepower ORDALT and the Shock Hardening ORDALT. The Firepower ORDALT is necessary to employ the latest and most capable RAM Block 2B missile. The Firepower ORDALT also supports launcher readiness by addressing obsolescence of multiple components in the legacy configuration. The Shock ORDALT will address safety deficiencies identified during testing that could render the launcher inoperable in the event of a major ship shock event.

For launchers, the hardware production lead time is 30 months and installations are executed in accordance with Ship Maintenance Availability Schedules.

FY27 RAM procurement quantities: (4) Firepower ORDALTs, (4) Shock Hardening ORDALTs, and (3) MK 49 GMLS.
FY27 RAM installations: (6) Firepower ORDALTs, (6) Shock Hardening ORDALTs, and (3) MK 49 GMLS on in-service DDGs.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 2 / UR006 RAM LAUNCHERS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: MK-49 GMLS / MK-15 SeaRAM	**Modification Type:** NON-FMP Install	**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: RAM MK-49 GMLS ORDALTS												
B Kits												
Recurring												
1.1.1) RAM MK-49 GMLS ORDALTS - NonOrganic	35 / 14.473	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	35 / 14.473
1.1.2) MK-49 GMLS Firepower ORDALT - NonOrganic (29)	36 / 24.756	6 / 4.800	6 / 4.901	4 / 3.336	- / -	4 / 3.336	4 / 3.406	4 / 3.478	4 / 3.551	4 / 3.625	14 / 15.278	82 / 67.131
1.1.3) MK-49 GMLS Shock Hardening ORDALT - NonOrganic (30)	4 / 0.000	6 / 4.800	6 / 4.901	4 / 3.336	- / -	4 / 3.336	4 / 3.406	4 / 3.478	4 / 3.551	4 / 3.625	62 / 69.527	98 / 96.624
Subtotal: Recurring	*- / 39.229*	*- / 9.600*	*- / 9.802*	*- / 6.672*	*- / -*	*- / 6.672*	*- / 6.812*	*- / 6.956*	*- / 7.102*	*- / 7.250*	*- / 84.805*	*- / 178.228*
Subtotal: RAM MK-49 GMLS ORDALTS	*75 / 39.229*	*12 / 9.600*	*12 / 9.802*	*8 / 6.672*	*- / -*	*8 / 6.672*	*8 / 6.812*	*8 / 6.956*	*8 / 7.102*	*8 / 7.250*	*76 / 84.805*	*215 / 178.228*
Modification Item 2 of 2: Launcher Procurements												
B Kits												
Recurring												
2.1.1) Replace Phalanx with MK-49 RAM ORDALT - NonOrganic	- / 24.756	5 / 50.000	3 / 19.380	3 / 31.273	- / -	3 / 31.273	3 / 31.930	3 / 32.600	3 / 33.285	3 / 33.984	37 / 501.979	60 / 759.187
2.1.2) Replace Phalanx with SeaRAM ORDALT - NonOrganic (31)	- / -	2 / 14.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 14.000
Subtotal: Recurring	*- / 24.756*	*- / 64.000*	*- / 19.380*	*- / 31.273*	*- / -*	*- / 31.273*	*- / 31.930*	*- / 32.600*	*- / 33.285*	*- / 33.984*	*- / 501.979*	*- / 773.187*
Subtotal: Launcher Procurements	*- / 24.756*	*7 / 64.000*	*3 / 19.380*	*3 / 31.273*	*- / -*	*3 / 31.273*	*3 / 31.930*	*3 / 32.600*	*3 / 33.285*	*3 / 33.984*	*37 / 501.979*	*62 / 773.187*
Subtotal: Procurement, All Modification Items	*- / 63.985*	*- / 73.600*	*- / 29.182*	*- / 37.945*	*- / -*	*- / 37.945*	*- / 38.742*	*- / 39.556*	*- / 40.387*	*- / 41.234*	*- / 586.784*	*- / 951.415*
Installation												
Modification Item 1 of 2: RAM MK-49 GMLS ORDALTS	- / 15.005	- / 0.319	- / 1.302	- / 1.996	- / 0.000	- / 1.996	- / 2.038	- / 1.386	- / 1.416	- / 1.446	- / 20.607	- / 45.515
Modification Item 2 of 2: Launcher Procurements	- / 0.000	- / 10.874	- / 25.501	- / 15.759	- / 0.000	- / 15.759	- / 13.477	- / 13.821	- / 14.824	- / 15.050	- / 402.825	- / 512.131
Subtotal: Installation	*- / 15.005*	*- / 11.193*	*- / 26.803*	*- / 17.755*	*- / -*	*- / 17.755*	*- / 15.515*	*- / 15.207*	*- / 16.240*	*- / 16.496*	*- / 423.432*	*- / 557.646*
Total												
Total Cost (Procurement + Support + Installation)	**78.990**	**84.793**	**55.985**	**55.700**	**0.000**	**55.700**	**54.257**	**54.763**	**56.627**	**57.730**	**1,010.216**	**1,509.061**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 2 / UR006 RAM LAUNCHERS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 2: RAM MK-49 GMLS ORDALTS

Manufacturer Information

Manufacturer Name: Raytheon Co.	Manufacturer Location: Louisville KY
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	Mar 2025	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	Mar 2033

Manufacturer Name: Raytheon, Co	Manufacturer Location: Louisville KY
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	Mar 2025	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	Mar 2033

Installation Information

Method of Implementation: NON-FMP Install:: Installation Name: RAM MK-49 GMLS ORDALTS

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	35 / 10.414	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	35 / 10.414
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	35 / 10.414	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	35 / 10.414

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	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
Out	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 2 / UR006 RAM LAUNCHERS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 2: RAM MK-49 GMLS ORDALTS

Installation Information

Method of Implementation: NON-FMP Install:: Installation Name: MK-49 GMLS Firepower ORDALT

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	30 / 4.591	2 / 0.319	4 / 0.651	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	36 / 5.561
FY 2025	- / -	- / -	- / -	6 / 0.998	0 / 0.000	6 / 0.998	- / -	- / -	- / -	- / -	0 / 0.000	6 / 0.998
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.019	- / -	- / -	- / -	0 / 0.000	6 / 1.019
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.693	- / -	- / -	0 / 0.000	4 / 0.693
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.708	- / -	0 / 0.000	4 / 0.708
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.723	0 / 0.000	4 / 0.723
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.738	4 / 0.738
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.753	4 / 0.753
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	14 / 3.175	14 / 3.175
Total	30 / 4.591	2 / 0.319	4 / 0.651	6 / 0.998	0 / 0.000	6 / 0.998	6 / 1.019	4 / 0.693	4 / 0.708	4 / 0.723	22 / 4.666	82 / 14.368

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	30	-	1	1	-	-	2	2	-	2	2	2	-	2	2	2	-	1	2	1	-	1	2	1	-	1	2	1	-	22	82
Out	30	-	-	1	1	-	-	2	2	-	2	2	2	-	2	2	2	-	1	2	1	-	1	2	1	-	1	2	1	22	82

Method of Implementation: NON-FMP Install:: Installation Name: MK-49 GMLS Shock Hardening ORDALT

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 / 0.651	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	4 / 0.651
FY 2025	- / -	- / -	- / -	6 / 0.998	0 / 0.000	6 / 0.998	- / -	- / -	- / -	- / -	0 / 0.000	6 / 0.998
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	6 / 1.019	- / -	- / -	- / -	0 / 0.000	6 / 1.019
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.693	- / -	- / -	0 / 0.000	4 / 0.693
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.708	- / -	0 / 0.000	4 / 0.708
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.723	0 / 0.000	4 / 0.723
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.738	4 / 0.738
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 0.753	4 / 0.753
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	62 / 14.450	62 / 14.450

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 2 / UR006 RAM LAUNCHERS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 2: RAM MK-49 GMLS ORDALTS

Installation Information

Method of Implementation: NON-FMP Install:: Installation Name: MK-49 GMLS Shock Hardening ORDALT

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	- / -	- / -	4 / 0.651	6 / 0.998	0 / 0.000	6 / 0.998	6 / 1.019	4 / 0.693	4 / 0.708	4 / 0.723	70 / 15.941	98 / 20.733

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	2	-	-	2	2	2	-	2	2	2	-	1	2	1	-	1	2	1	-	1	2	1	-	70	98
Out	-	-	-	-	-	-	-	2	2	-	2	2	2	-	2	2	2	-	1	2	1	-	1	2	1	-	1	2	1	70	98

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 2 / UR006 RAM LAUNCHERS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Modification Item 2 of 2: Launcher Procurements		

Manufacturer Information

Manufacturer Name: Raytheon - Co	Manufacturer Location: Louisville KY
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	Mar 2025	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	Mar 2033

Manufacturer Name: Raytheon Com	Manufacturer Location: Louisville KY
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	Mar 2025	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	Mar 2033

Installation Information

Method of Implementation: NON-FMP Install:: Installation Name: Replace Phalanx with MK-49 RAM ORDALT

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	- / -	- / -	5 / 25.501	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	5 / 25.501
FY 2026	- / -	- / -	- / -	3 / 15.759	0 / 0.000	3 / 15.759	- / -	- / -	- / -	- / -	0 / 0.000	3 / 15.759
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	3 / 13.477	- / -	- / -	- / -	0 / 0.000	3 / 13.477
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 13.821	- / -	- / -	0 / 0.000	3 / 13.821
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 14.824	- / -	0 / 0.000	3 / 14.824
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 15.050	0 / 0.000	3 / 15.050
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 19.084	3 / 19.084
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	37 / 383.741	37 / 383.741
Total	- / -	- / -	5 / 25.501	3 / 15.759	0 / 0.000	3 / 15.759	3 / 13.477	3 / 13.821	3 / 14.824	3 / 15.050	40 / 402.825	60 / 501.257

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	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	3	-	-	-	40	60
Out	-	-	-	-	-	-	-	-	-	-	5	-	-	-	6	-	-	-	-	-	-	-	3	-	-	-	3	3	-	40	60

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 2 / UR006 RAM LAUNCHERS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 2 of 2: Launcher Procurements

Installation Information

Method of Implementation: NON-FMP Install:: Installation Name: Replace Phalanx with SeaRAM ORDALT

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 / 10.874	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 10.874
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	2 / 10.874	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 10.874

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

Footnotes:

(29) The Firepower ORDALT is necessary to employ the latest and most capable RAM Block 2B missile. The Firepower ORDALT also supports launcher readiness by addressing obsolescence of multiple components in the legacy configuration. The hardware production lead time is 24 months and installations are executed in accordance with Ship Maintenance Availability Schedules.

(30) The Shock Hardening ORDALT will address safety deficiencies identified during testing that could render the launcher inoperable in the event of a major ship shock event. The hardware production lead time is 24 months and installations are executed in accordance with Ship Maintenance Availability Schedules.

(31) The hardware production lead time is 30 months and installations are executed in accordance with Ship Maintenance Availability Schedules.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 3 / UQ005B - SSDS COTS CONVERSION 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)*	547.548	73.298	64.245	80.048	0.000	80.048	85.869	79.490	78.042	80.444	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	547.548	73.298	64.245	80.048	0.000	80.048	85.869	79.490	78.042	80.444	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**547.548**	**73.298**	**64.245**	**80.048**	**0.000**	**80.048**	**85.869**	**79.490**	**78.042**	**80.444**	**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:

Procurement for computing Infrastructure (CI) configuration for ship systems began in FY23.

Estimates for the procurement and installation of kits varies on the specific ship class (CVNs, LPDs, LSDs, LHAs, and LHDs), and the existing configuration of the ship.
The SSDS OPN UQ005 supports field changes to the in-service baselines, and the establishment of new baseline configurations at the shore sites. The cost for the kits varies significantly depending on the site, its existing configuration, and mission of the site. This includes procurement of hardware components for CAC2S Afloat. The SSDS procurement includes MK 6 MOD X equipment for the competitive CSEA contract for continuing the development of the SSDS MK 2 Build 12 baseline. Schedule changes are attributed to the Fleet changing ship modernization schedules to address operational requirements.

The Program office over the 2022 budget cycle refined the Hardware and Software procurement costs and timelines. Additionally, all cost codes were evaluated to ensure tasking was accurately reported in the correct cost code. Starting in FY22 and out years, these refinements in lead times, costs, and cost code reporting have been implemented. Part of this refinement now documents software being procured over multiple years to account for the build of the tactical software load, procurement of software licenses (ie Red Hat, High Speed Guard) and annual software license renewals and certification. Additionally, this refinement documents the final installation checkout activities. In FY22 Cyber Security costs have been moved to UA005A cost code. In FY23, procurements are starting to transition from MK 6 MOD X configuration to the new configuration. This transition impacts cost for hardware, installation and advanced planning. The lead ship class will be the LPDs for the new CI configuration. Cost will vary based on the new CI configuration.

FY27 procurements are transitioning to MK 6 MOD X with CVN 72 being the lead ship class.

SSDS FY26 unit costs are:
$ 17,575K for (1) LPD MK 6 MOD COTS Conversion Computing Infrastructure Kit
$ 3,793K for (1) set of Shore Site internal components (GPNTS)
$ 5,087K for SW tactical build, SW licenses, annual SW licenses and certification
$ 5,092K for CAC2S Afloat 5 systems
$ 442K for Cyber Security
Total Cost for 1 ship System and 1 set of Shore Site internal components (GPNTS) units including SW & CAC2S Afloat in FY26 (UQ005B) is $31,989K

SSDS Ship Installation Costs in FY26 (total $28,757K) include:

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 3 / UQ005B - SSDS COTS CONVERSION KITS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

$ 17,256K for AIT/DSA for installation of (1) CVN (MK 6 MOD X)
$ 2,965K for final checkout on 1 Ships (LPD)
$ 6,930K for Year 2 Advanced planning/DSA* for 1 future hull (LHA)
$ 1,605K for Year 1 Advanced planning/DSA* for 1 future hull (LHD LPD)

SSDS Shore Installation Costs in FY26 (total $3,499K) include:
$ 2,555K 1 Shore Site Planning
$ 944K 1 Shore Site installation and MCE 2.0 Cabinet Installation

SSDS FY27 unit costs are:
$ 35,339K for (1) LPD and (1) CVN MK 6 MOD X COTS Conversion Computing Infrastructure Kit
$ 13,800K for (1) Shore Site H/W equipment
$ 3,500K for (1) set of Shore Site internal components (GPNTS)
$ 8,900K for SW tactical build, SW licenses, annual SW licenses and certification
$ 7,183K for CAC2S Afloat 5 systems
$ 446K for Cyber Security
Total Cost for 1 ship System and 1 set of Shore Site internal components (GPNTS) units including SW & CAC2S Afloat in FY27 (UQ005B) is $69,168K

SSDS Ship Installation Costs in FY27 (total $8,132K) include:
$ 5,248K for AIT/DSA for installation/final checkout of (1) LHA (MK 6 MOD X)
$ 600K for final checkout on 1 Ships (CVN)
$ 400K for Year 2 Advanced planning/DSA* for 2 future hull (LHD LPD)
$ 1,884K for Year 1 Advanced planning/DSA* for 3 future hull (1 CVN 2 LPD)

SSDS Shore Installation Costs in FY27 (total $2,748K) include:
$ 2,334K 1 Shore Site Planning
$ 414K 1 Shore Site installation

Note: In FY26/FY27 will include the procurement of Shore Site internal components (GPNTS).

*Advanced Planning is done in each of the 2 years prior to an installation. Installation funds are required to be on contract and at field activities 90-150 days prior to installation start.

Note: SSDS cost have increased primarily as a result of the transition to the new Computing Infrastructure configuration. Supply chain issues, implementation of required engineering changes to address hardware component obsolescence and diminishing manufacturing sourcing issues has also contributed to cost growth.

Ship Installation Cost, which includes advanced planning, will vary per year depending on the quantities of ships, the mix of ship classes, the configuration of the specific hull (i.e., CVN, LHD, LHA, LPD, or LSD) and the geographical location of the CNO availability (e.g., Bremerton, Norfolk, San Diego). Installation funds are required to be on contract and at field activities 90-150 days prior to installation start. Installation cost is significantly higher than advanced planning. This can cause large variations between years. Recently, the installation cost has been increasing due to a) installations in non-traditional locations (e.g., Bremerton) driven by the Coast-wide bid process which causes extensive travel costs, b) Delays in delivery of Ship Installation Drawings, and c) scope changes during the modernization window. Further apparent cost increases are due to aligning modernization-related work such as Combat System documentation updates within the modernization budget.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 3 / UQ005B - SSDS COTS CONVERSION KITS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

[UQ5IN FMP SHIP UNITS] The cost for each kit is listed above. SSDS kit funding is provided to various contractors and field activities. The SSDS equipment procurement is based on competitive contracts. Production lead time for kits ranges from 12 months (for equipment COTS upgrade kits/field changes) up to 24 months for system COTS conversion kits for ships and shore sites.

[UQ6IN NON-FMP SHORE SITES] The non-FMP kits are required for SSDS/CS shore sites: The SSDS MK 2 System/Software Combat System Engineering Agent; SCSC Wallops Island. Each of these facilities require equipment to support the in-service ship configurations, and to support the new configuration baselines in development. The SSDS OPN UQ005 supports field changes to the in-service baselines, and the establishment of new baseline configurations at the shore sites. The cost for the kits varies significantly depending on the site, its existing configuration, and mission of the site.

[UQ5IN FMP SHIP UNITS] The cost for each kit is listed above. SSDS kit funding is provided to various contractors and field activities. The SSDS equipment procurement is based on competitive contracts. Production lead time for kits ranges from 12 months (for equipment COTS upgrade kits/field changes) up to 24 months for system COTS conversion kits for ships and shore sites.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 3 / UQ005B - SSDS COTS CONVERSION KITS
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: UQ005B - SSDS COTS CONVERSION KITS												
B Kits												
Recurring												
1.1.1) UQ5IN FMP SHIP UNITS - NonOrganic [32]	22 / 211.999	1 / 33.690	1 / 28.197	2 / 51.868	- / -	2 / 51.868	2 / 54.646	1 / 35.585	1 / 32.898	1 / 34.717	- / -	31 / 483.600
1.1.2) UQ6IN NON FMP SHORE SITES - NonOrganic	22 / 144.500	2 / 22.179	- / 3.793	1 / 17.300	- / -	1 / 17.300	1 / 14.605	1 / 14.897	1 / 23.407	1 / 15.499	- / -	29 / 256.180
Subtotal: Recurring	*- / 356.499*	*- / 55.869*	*- / 31.990*	*- / 69.168*	*- / -*	*- / 69.168*	*- / 69.251*	*- / 50.482*	*- / 56.305*	*- / 50.216*	*- / 0.000*	*- / 739.780*
Subtotal: UQ005B - SSDS COTS CONVERSION KITS	*44 / 356.499*	*3 / 55.869*	*1 / 31.990*	*3 / 69.168*	*- / -*	*3 / 69.168*	*3 / 69.251*	*2 / 50.482*	*2 / 56.305*	*2 / 50.216*	*- / -*	*60 / 739.780*
Subtotal: Procurement, All Modification Items	*- / 356.499*	*- / 55.869*	*- / 31.990*	*- / 69.168*	*- / -*	*- / 69.168*	*- / 69.251*	*- / 50.482*	*- / 56.305*	*- / 50.216*	*- / 0.000*	*- / 739.780*
Installation												
Modification Item 1 of 1: UQ005B - SSDS COTS CONVERSION KITS	- / 191.049	- / 17.429	- / 32.255	- / 10.880	- / 0.000	- / 10.880	- / 16.618	- / 29.008	- / 21.737	- / 30.228	Continuing	Continuing
Subtotal: Installation	*- / 191.049*	*- / 17.429*	*- / 32.255*	*- / 10.880*	*- / -*	*- / 10.880*	*- / 16.618*	*- / 29.008*	*- / 21.737*	*- / 30.228*	*Continuing*	*Continuing*
Total												
Total Cost (Procurement + Support + Installation)	**547.548**	**73.298**	**64.245**	**80.048**	**0.000**	**80.048**	**85.869**	**79.490**	**78.042**	**80.444**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 3 / UQ005B - SSDS COTS CONVERSION KITS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: UQ005B - SSDS COTS CONVERSION KITS

Manufacturer Information

Manufacturer Name: Various (Competitive Procurement)	Manufacturer Location: Various (Competitive Procurement)
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	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029	Jan 2030	Jan 2031
Delivery Dates	Apr 2026	Apr 2027	Apr 2028	Apr 2029	Apr 2030	Apr 2031	Apr 2032

Installation Information

Method of Implementation: [none specified]:: Installation Name: UQ5IN FMP SHIP UNITS - INSTALLATION

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 / 166.919	1 / 12.159	2 / 24.186	0 / 5.248	0 / 0.000	0 / 5.248	- / -	- / -	- / -	- / -	0 / 0.000	22 / 208.512
FY 2025	0 / 0.841	- / -	0 / 2.965	0 / 0.092	0 / 0.000	0 / 0.092	1 / 8.206	0 / 3.124	0 / 1.348	- / -	0 / 0.000	1 / 16.576
FY 2026	- / -	0 / 1.284	0 / 1.606	0 / 0.397	0 / 0.000	0 / 0.397	1 / 4.077	0 / 2.090	0 / 0.331	- / -	0 / 0.000	1 / 9.785
FY 2027	- / -	- / -	- / -	0 / 1.200	0 / 0.000	0 / 1.200	0 / 0.202	2 / 19.452	0 / 3.960	- / -	0 / 0.000	2 / 24.814
FY 2028	- / -	- / -	- / -	0 / 1.195	0 / 0.000	0 / 1.195	0 / 1.298	0 / 0.082	2 / 11.669	0 / 3.274	Continuing	Continuing
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.412	0 / 0.199	1 / 18.354	Continuing	Continuing
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.910	0 / 0.830	1 / 4.645	Continuing	Continuing
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.451	0 / 0.947	1 / 0.000	1 / 1.398
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	19 / 167.760	1 / 13.443	2 / 28.757	0 / 8.132	0 / 0.000	0 / 8.132	2 / 13.783	2 / 26.070	2 / 18.788	2 / 27.220	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	19	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	2	-	1	1	-	1	1	-	-	-	1	-	1	Cont.	Cont.
Out	16	-	1	-	1	1	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	2	-	3	-	-	Cont.	Cont.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5231 / Ship Missile Support Equipment	**Modification Number / Title:** 3 / UQ005B - SSDS COTS CONVERSION KITS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: UQ005B - SSDS COTS CONVERSION KITS

Installation Information

Method of Implementation: Method:: Installation Name: UQ6IN NON FMP SHORE SITES - INSTALLATION

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 / 23.289	1 / 0.399	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	22 / 23.688
FY 2025	- / -	0 / 3.587	2 / 3.498	0 / 0.414	0 / 0.000	0 / 0.414	- / -	- / -	- / -	- / -	0 / 0.000	2 / 7.499
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	0 / 2.334	0 / 0.000	0 / 2.334	1 / 0.423	- / -	- / -	- / -	0 / 0.000	1 / 2.757
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.412	1 / 0.431	- / -	- / -	Continuing	Continuing
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.507	1 / 0.439	- / -	0 / 0.000	1 / 2.946
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.510	1 / 0.449	0 / 0.000	1 / 2.959
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 2.559	1 / 1.000	1 / 3.559
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	21 / 23.289	1 / 3.986	2 / 3.498	0 / 2.748	0 / 0.000	0 / 2.748	1 / 2.835	1 / 2.938	1 / 2.949	1 / 3.008	Continuing	Continuing

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	21	-	1	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	Cont.	Cont.
Out	21	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	Cont.	Cont.

Footnotes:

(32) FY25 procurement of 1 ship set for LHD 8 availability schedule moved from FY27 to FY28. The ship set is still needed to meet ship install schedule. FY26 procurement of 1 ship set for LPD 28 will install in FY28. FY27 procurement of 2 ship sets for CVN 78 / LPD 20 will be installed in FY29.

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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 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	**P-1 Line Item Number / Title:** 5253 / Tomahawk 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)*	1,247.938	98.921	107.709	116.208	0.000	116.208	127.057	114.659	124.034	126.494	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,247.938	98.921	107.709	116.208	0.000	116.208	127.057	114.659	124.034	126.494	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,247.938**	**98.921**	**107.709**	**116.208**	**0.000**	**116.208**	**127.057**	**114.659**	**124.034**	**126.494**	**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 Theater Mission Planning Center (TMPC) and Tactical Tomahawk Weapons Control System (TTWCS) are components of the Tomahawk Weapons System (TWS) required to plan and execute Tomahawk strikes.

The Theater Mission Planning Center (TMPC) consists of Commercial and Government Off-The-Shelf (COTS/GOTS) software and COTS hardware. TMPC is the mission planning segment of the Tomahawk Weapon System (TWS) that provides subsystems for the precision targeting, weaponeering, route planning, mission distribution, and strike management of Tomahawk cruise missile missions from sites located ashore and afloat. TMPC optimizes all aspects of the Tomahawk missile mission to successfully engage a target. TMPC is employed in major joint combat operations and Overseas Contingency Operations. TMPC has evolved into four scalable configurations deployed at 181 sites: Cruise Missile Support Activities (CMSAs) (3), Tomahawk Strike Mission Planning Cells (TSMPCs) (3), Carrier Strike Groups (CSGs) (21 Total: 11 CVNs and 10 Shore Sites), and Firing Units (FRUs) (135 Total: 85 Surface and 50 Subsurface). Additionally, TMPC is installed in Labs (6) and Training Classrooms (13) that contain various combinations of the four configurations.

TMPC provides mission planning at the theater and operational levels and is designed for high-rate mission planning production responsive to national strategic, operational, and tactical requirements. TMPC produces and distributes missions; provides command information services; provides strike planning, execution, coordination, control and reporting, and provides Maritime Component Commanders (MCC) the capability to plan or modify conventional TWS missions. TMPC supports major joint combat operations and Overseas Contingency Operations.

Funds provide for systems engineering, testing, Independent Verification & Validation (IV&V), security accreditation, installation, site acceptance testing, user familiarization of products, and hardware. Also, this funding line item provides for COTS refreshment, engineering changes, software upgrades, cyber-security modernization, and associated Nuclear Powered General Purpose Attack Submarine/Guided Missile Destroyer/Guided Missile Cruiser/Nuclear Aircraft Carrier (SSNs/DDGs/CGs/CVN) logistics and infrastructure to maintain compatibility and interoperability with existing and future TMPC and TTWCS system configurations.

Tactical Tomahawk Weapon Control System (TTWCS) is a Software Acquisition Pathway Program, initiated in FY 2024 that supports 8 fielded software variants of the Tomahawk Weapons Control System. Continuous TTWCS software and hardware updates increase situational awareness, reduce operator workload and reduce complexity at the user interface and address software backlog correctives. The TTWCS v5.6X software series was released in FY 2021 and continues to be delivered adding additional capabilities across the Fleet FRUs (135 Total: 85 Surface and 50 Subsurface), labs, and training classrooms. The TTWCS v7.X software suite began development in 2024. Funds continue to support TTWCS viability and ensure compliance with cybersecurity mandates, and address hardware obsolescence through periodic

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	P-1 Line Item Number / Title: 5253 / Tomahawk 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		

COTS/GOTS hardware and software refreshes. Funds utilized to design the next generation hardware suites/configurations to meet evolving performance requirements, perform counterfeit analysis, and ensure Tomahawk system of system alignment.

In FY 2027, TTWCS Software Modernization activities will continue the re-architecture of all TTWCS components to address software configurability, software language, and Human Computer Interface updates to bring added
improvements to the TTWCS suite of software products. Specifically, the increase will execute the modernization and consolidation of legacy software code to contemporary software languages (including the elimination of Ada), from software development techniques including containerization, middleware, microservices, and modularity upgrades to increase flexibility across platforms and users. Enhancements to the automation of test scripts and
DevSecOps, will continue through FY 2031. The modernization efforts are required to ensure an enhanced security architecture design provides a flexible and modern software system to meet Fleet needs cybersecurity and ease of
focused modernization activities.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 3: Ship Missile Systems Equipment	**P-1 Line Item Number / Title:** 5253 / Tomahawk 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-5	1 / 525300, TOMAHAWK Support Equipment				- / 1,247.938	- / 98.921	- / 107.709	- / 116.208	- / 0.000	- / 116.208
P-40	**Total Gross/Weapon System Cost**				**- / 1,247.938**	**- / 98.921**	**- / 107.709**	**- / 116.208**	**- / 0.000**	**- / 116.208**

*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:
This line funds TMPC and TTWCS system modernization upgrades.

FY 2027 Tomahawk Weapons System funds provide for integration, modernization and interoperability efforts necessary to keep pace with changes and threats, retain capability and exploit capabilities of internal products (TWS All-Up-Round missile and TTWCS) and external products (Modernized Integrated Data Base (MIDB), National Geospatial Intelligence Agency (NGA) products, Distributed Common Ground Systems (DCGS) Integrated Backbone (DIB) compliance, Future Imagery Architecture (FIA) imagery formats and Intelligence Surveillance & Reconnaissance (ISR) interfaces, Network Centric Enterprise Services (NCES), and Global Information Grid. These efforts ensure the continued effectiveness and relevance of the Tomahawk Weapons System.

TMPC: FY 2027 funding is required to continue the upgrade of unsupportable and obsolete TMPC hardware and software, ensure compliance with DoW cyber-security mandates, and continue fielding TMPC 7.X. FY 2027 also funds upgrades necessary to improve cybersecurity posture across all TMPC sites to a minimum required level of robustness, resiliency, and cyber survivability in light of the constantly evolving technology and threat space to preserve national first-strike Tomahawk system of systems capability. These upgrades are required for development of TMPC 8.X, fielding TMPC 7.X, and support the employment and capability of the Joint Multiple Effects Munitions (JMEWS) and Maritime Strike Tomahawk (MST) programs. These upgrades enable fielding of advanced capabilities of the Tomahawk Modernization program with required program protection safeguards to protect Critical Program Information. The increase in funding in FY 2027 is for the modernization and integration of TMPC X. This new version of TMPC will be an upgraded and modernized version of the three major components of TMPC: TPS, TNT, and MDS. This effort will include modern software development and architecture implementation, increased system performance, integrated cyber protections, reduced mission planning times as well as other system improvements. TMPC X will also provide the warfighter with a modern software suite that will support the current TWS mission and will allow for a more rapid delivery of future TWS requirements. The system will include networking equipment to integrate with the naval data exchange for unified strike planning and execution system to provide all source multi-intelligence data at multiple levels of security to strike mission planners. TMPC will incorporate cross domain solution capabilities to include data exchange with the Next Generation Mission Planning System.

TTWCS: FY 2027 funding is required to continue modernization to software configurability, software language, and Human Computer Interface activities which will provide added improvements to the TTWCS suite of software products. These improvements ensure an enhanced security design, provide a flexible and modern software system to meet Fleet cybersecurity needs, and support focused modernization activities going forward. FY 2027 funding is required to continue addressing specific security and supportability builds for current software builds, procurement, and assembly activities associated with contemporary hardware integration efforts to support Tomahawk missile capabilities. FY 2027 funding supports the continued fielding of updated hardware and software releases to Firing Units, and integrated logistics support. Other FY 2027 activities include HW procurement, installation planning, modernization activities, long-term planning of future software versions, and technical data packages. Product improvement resources are required to comply with commercial hardware and software supportability mandates, obsolescence, and information assurance requirements to maintain pace with modern computing architectures and evolving cyber threats. TTWCS relies on COTS hardware and software tools that require a stable and established upgrade path to meet cyber security mandates, address supply chain risk management, ensure continued vendor supportability, quality assurance, and ensure interoperability between COTS software applications, operating systems, and hardware processing nodes.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5253 / Tomahawk Support Equipment	**Item Number / Title [DODIC]:** 1 / 525300, TOMAHAWK Support 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
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	1,247.938	98.921	107.709	116.208	0.000	116.208
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,247.938	98.921	107.709	116.208	0.000	116.208
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,247.938**	**98.921**	**107.709**	**116.208**	**0.000**	**116.208**
(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 - TTWCS Cost																		
Recurring Cost																		
1.1.1) Tactical Tomahawk Weapon Control System (TTWCS) Hardware [1]	-	-	46.694	-	-	4.904	-	-	4.993	-	-	4.998	-	-	-	-	-	4.998
Subtotal: Recurring Cost	-	-	*46.694*	-	-	*4.904*	-	-	*4.993*	-	-	*4.998*	-	-	-	-	-	*4.998*
Subtotal: Hardware - TTWCS Cost	**-**	**-**	***46.694***	**-**	**-**	***4.904***	**-**	**-**	***4.993***	**-**	**-**	***4.998***	**-**	**-**	**-**	**-**	**-**	***4.998***
Hardware - HARDWARE RECURRING SUPPORT - TTWCS Cost																		
Recurring Cost																		
2.1.1) TTWCS Product Improvement [2]	-	-	271.109	-	-	17.095	-	-	23.844	-	-	22.836	-	-	-	-	-	22.836
Subtotal: Recurring Cost	-	-	*271.109*	-	-	*17.095*	-	-	*23.844*	-	-	*22.836*	-	-	-	-	-	*22.836*
Subtotal: Hardware - HARDWARE RECURRING SUPPORT - TTWCS Cost	**-**	**-**	***271.109***	**-**	**-**	***17.095***	**-**	**-**	***23.844***	**-**	**-**	***22.836***	**-**	**-**	**-**	**-**	**-**	***22.836***
Hardware - TMPC Cost																		
Recurring Cost																		
3.1.1) Tomahawk Mission Planning Center (TMPC) Hardware [3]	-	-	45.015	-	-	3.682	-	-	3.486	-	-	3.511	-	-	-	-	-	3.511
Subtotal: Recurring Cost	-	-	*45.015*	-	-	*3.682*	-	-	*3.486*	-	-	*3.511*	-	-	-	-	-	*3.511*

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	**P-1 Line Item Number / Title:** 5253 / Tomahawk Support Equipment	**Item Number / Title [DODIC]:** 1 / 525300, TOMAHAWK Support Equipment
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: Hardware - TMPC Cost	**-**	**-**	***45.015***	**-**	**-**	***3.682***	**-**	**-**	***3.486***	**-**	**-**	***3.511***	**-**	**-**	**-**	**-**	**-**	***3.511***
Software - PRODUCT IMPROVEMENTS - TMPC Cost																		
Recurring Cost																		
4.1.1) TMPC Product Improvements [4]	-	-	310.862	-	-	31.913	-	-	35.728	-	-	45.093	-	-	-	-	-	45.093
Subtotal: Recurring Cost	-	-	*310.862*	-	-	*31.913*	-	-	*35.728*	-	-	*45.093*	-	-	-	-	-	*45.093*
Subtotal: Software - PRODUCT IMPROVEMENTS - TMPC Cost	**-**	**-**	***310.862***	**-**	**-**	***31.913***	**-**	**-**	***35.728***	**-**	**-**	***45.093***	**-**	**-**	**-**	**-**	**-**	***45.093***
Support - Support - TTWCS Cost																		
5.1) TTWCS Production Engineering [5]	-	-	32.490	-	-	1.868	-	-	1.880	-	-	1.921	-	-	-	-	-	1.921
5.2) TTWCS Integrated Logistic Support [6]	-	-	189.145	-	-	12.534	-	-	12.685	-	-	12.308	-	-	-	-	-	12.308
Subtotal: Support - Support - TTWCS Cost	**-**	**-**	***221.635***	**-**	**-**	***14.402***	**-**	**-**	***14.565***	**-**	**-**	***14.229***	**-**	**-**	**-**	**-**	**-**	***14.229***
Support - TMPC Cost																		
6.1) TMPC Production Engineering [7]	-	-	71.599	-	-	5.324	-	-	4.927	-	-	4.987	-	-	-	-	-	4.987
6.2) TMPC Production Support [8]	-	-	67.071	-	-	5.044	-	-	4.783	-	-	4.803	-	-	-	-	-	4.803
6.3) TMPC Integrated Logistic Support [9]	-	-	189.925	-	-	16.557	-	-	15.383	-	-	15.751	-	-	-	-	-	15.751
Subtotal: Support - TMPC Cost	**-**	**-**	***328.595***	**-**	**-**	***26.925***	**-**	**-**	***25.093***	**-**	**-**	***25.541***	**-**	**-**	**-**	**-**	**-**	***25.541***
Support - ILS INSTALLATIONS Cost																		
7.1) FMP Installations	-	-	15.139	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - ILS INSTALLATIONS Cost	**-**	**-**	***15.139***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Support - Miscellaneous Cost																		
8.1) TTWCS Other Cost	-	-	8.889	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - Miscellaneous Cost	**-**	**-**	***8.889***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gross/Weapon System Cost	**-**	**-**	**1,247.938**	**-**	**-**	**98.921**	**-**	**-**	**107.709**	**-**	**-**	**116.208**	**-**	**-**	**0.000**	**-**	**-**	**116.208**

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 3	P-1 Line Item Number / Title: 5253 / Tomahawk Support Equipment	Item Number / Title [DODIC]: 1 / 525300, TOMAHAWK Support Equipment
ID Code (A=Service Ready, B=Not Service Ready) :		MDAP/MAIS Code:

Footnotes:

(1) TTWCS Hardware: FY 2027 funds are required to address hardware obsolescence through periodic COTS hardware refresh and continuously assess supply chain risk and alternative hardware sourcing. Continued funding is required to support planned procurement of TTWCS components for retrofit onto Fleet surface platforms for periodic updates.

(2) TTWCS Product Improvement: FY 2027 funding supports continuing modernization and consolidation of legacy software code to contemporary software languages, software development techniques including containerization and modularity upgrades to increase flexibility across platforms and users. TTWCS relies on COTS hardware, operating systems, and software that require a stable and established upgrade path to meet cyber security mandates, ensure continued vendor supportability, conduct supply chain risk management assessments, and ensure interoperability between COTS applications and hardware.

(3) TMPC Hardware: FY 2027 funding is provided for the continuation of the procurement of hardware for TMPC 8.X modernization upgrades and installations at Cruise Missile Support Activities (CMSALANT and CMSAPAC), TSMPCs (C5F, C6F, and C7F), CSGs, CVNs, and Firing Units. TMPC 7.X is mission critical to support upgraded navigation, communications capabilities, and systems essential to the continued effectiveness and interoperability of the TWS. TMPC 8.X is mission critical to support MST IOC, TWS Dynamic Inventory, and JMEWS implementation.

(4) TMPC Product Improvement: The increase from FY 2026 to FY 2027 within TMPC Product Improvements totaling $9.4M is for the next phase, which is the implementation of the TPS user interface redesign, TNT architectural migration from legacy architecture to service oriented architecture, completion of MDS microservice conversion, and a complete redesign of the TMPC Enterprise Database (TED). These activities were specifically not funded in FY 2026 or a part of any previous hardware or software build. FY 2027 funding is not cost growth, this increase is to support TMPC Modernization and Transformation (TMPC X). TMPC will incorporate cross domain solution capabilities to include data exchange with the Next Generation Mission Planning System. TMPC X will include modern software development and architecture implementation, increased system performance, integrated cyber protections, reduced mission planning times as well as other system improvements. TMPC X will also provide the warfighter with a modern software suite that will support the current TWS mission and will allow for a more rapid delivery of future TWS requirements. This continues the upgrade of unsupportable and obsolete TMPC hardware and software to ensure compliance with DoW cyber security mandates. Funding supports modernization upgrades necessary to improve cybersecurity posture across all TMPC sites to a minimum required level of robustness, resiliency, and cyber survivability in light of evolving cyber threats. These modifications are required to support the upgrade of TMPC 8.X, the continuation of fielding for TMPC 7.X, and to support the deployment of JMEWS, MST, and program protection safeguards that protect Critical Program Information. Funding provides for implementation of the infrastructure changes for TMPC 7.X and TMPC 8.X to support the MST Missile in its operational environment. Funding provides software system upgrades for the submarine community to address system interfaces and upgrades to support the TMPC system usability improvements required for fleet operators to execute large and complex TLAM operations as required by US Fleet Forces Command (USFFC) and link existing targeting sources to the MST Missile.

(5) TTWCS Production Engineering Support: FY 2027 funding is required for kit production in support of Surface installations onboard firing units. The increased funding levels in FY 2027 are a product of inflation and support the required documentation for hardware qualification, reports of testing/integration of ship sets, hardware build-up and tech data packages, and advance planning efforts. Engineering support is required for supply chain risk management, quality assurance testing of component lots, interoperability between tightly coupled COTS applications and hardware processors, and continued vendor supportability scans.

(6) TTWCS Integrated Logistics Support: FY 2027 funding is required for installations onboard surface and submarine firing units. Variations in ship availability schedules are the cause of funding changes from year to year.

(7) TMPC Production Engineering: Provides systems engineering support for system design and definition of requirements necessary to evaluate all functional aspects of the TMPC subsystems and workflows that directly impact strike & execution and mission planning products. It includes reviewing TWS and external interfaces for impacts resulting from design upgrades/changes within TWS and by external organizations, Independent Verification & Validation (IV&V), and security accreditation activities.

(8) TMPC Production Support: Funds activities that directly support system upgrades requirements such as user events, requirements validation, systems engineering technical reviews, software formal qualification testing, and delta training documentation.

(9) TMPC Integrated Logistics Support: FY 2027 funds provide for employment and capability of the MST an ACAT-1 subprogram, and continues the fielding of advanced capabilities of Tomahawk Modernization program with required program protection safeguards to protect Critical Program Information. This line continues TMPC 6.0 FRU Guided Missile Destroyer, Guided Missile Cruiser, and Nuclear Attack Submarine DDGs/CGs/SSNs. TMPC 7.X supports key mission planning timeline improvements, cybersecurity hardening, and system recovery to ensure the continued effectiveness and interoperability of the TWS in the face of a sophisticated cyberattack. FY 2027 also provides funding to continue TMPC 7.X installations and begin 8.X installations at the CMSAs & TSMPCs (3 - C5F, C6F, and C7F), CSG suites both afloat on CVNs and key control nodes ashore as well as training and labs.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 4: FBM Support Equipment	**P-1 Line Item Number / Title:** 5353 / CPS Support Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0605518N, 0204284N	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	67.264	188.430	0.000	188.430	516.404	518.483	572.104	545.925	-	2,408.610
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	67.264	188.430	0.000	188.430	516.404	518.483	572.104	545.925	-	2,408.610
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**67.264**	**188.430**	**0.000**	**188.430**	**516.404**	**518.483**	**572.104**	**545.925**	**-**	**2,408.610**
(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:

Conventional Prompt Strike (CPS) capability will enable precise and timely strike in contested environments across multiple platforms. In coordination with the Army, the Navy CPS Program is designing a common All Up Round (AUR) comprised of a Common Hypersonic Glide Body (C-HGB) and a 34.5" two-stage booster. The Navy is responsible for C-HGB design and assumed responsibility for C-HGB production from the Army in FY 2026. The Navy will design, develop, and produce the missile booster, and will integrate the missile booster with the C-HGB. Each service will use the resulting common hypersonic missile while developing individual weapon control systems and launchers tailored for launch from sea or land.

The Navy is planning to integrate the Conventional Prompt Strike (CPS) weapons system onto the VIRGINIA Class (VACL) Submarines (two Virginia Payload Module (VPM) tubes per SSN). A Navy APM interfaces with large diameter tubes and provides storage and launch capability for the AUR+Cs. 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.

CPS and SSN will continue driving toward a fully integrated capability on SSN to ensure Operational Commanders have the flexibility of using any, or all, of the VPM tubes to accommodate CPS. Per the current plan of record, CPS will provide two Advanced Payload Modules (APMs) and six AUR+Cs to each fielded hull, allowing flexibility to install other payloads in the remaining two VPMs. Advanced Payload Modules (APM) are interchangeable end items and are budgeted in OPN, while the AUR+Cs are budgeted in WPN.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 4: FBM Support Equipment	**P-1 Line Item Number / Title:** 5353 / CPS Support Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0605518N, 0204284N	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	CPS Support Equipment	P-5a, P-21			- / 0.000	- / -	- / 67.264	- / 188.430	- / -	- / 188.430
P-40	**Total Gross/Weapon System Cost**				**- / 0.000**	**- / 0.000**	**- / 67.264**	**- / 188.430**	**- / 0.000**	**- / 188.430**

*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 funds support the procurement of Navy Advanced Payload Modules (APMs) for use on VIRGINA Class Submarines. The production lead time 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 hull. The quantity is required to address gaps in the current loadout plans.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 4	P-1 Line Item Number / Title: 5353 / CPS Support Equipment	Aggregated Items Title: CPS 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) CPS SSN Support Equipment																				
1.1) CPS SSN Advanced Payload Module (APM) (1)(†)	A		-	-	-	-	-	-	33,632K	2	67.264	31,405K	6	188.430	-	-	-	31,405K	6	188.430
Subtotal: 1) CPS SSN Support Equipment			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***67.264***	**-**	**-**	***188.430***	**-**	**-**	**-**	**-**	**-**	***188.430***
Total			**-**	**-**	**0.000**	**-**	**-**	**-**	**-**	**-**	**67.264**	**-**	**-**	**188.430**	**-**	**-**	**-**	**-**	**-**	**188.430**

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) Funds provided for the procurement of Navy Advanced Payload Modules (APMs) for use on VACL Submarines. The APM interfaces with large diameter tubes that provide storage and launch capabilities for the AUR+Cs. The increased quantity is required to address gaps in the current loadout plans.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 4	P-1 Line Item Number / Title: 5353 / CPS Support Equipment	Aggregated Items: CPS 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) CPS SSN Support Equipment												
1.1) CPS SSN Advanced Payload Module (APM) (1)(†)		2026	Lockheed Martin / Denver, CO	C / CPIF	Denver, CO	Apr 2026	Oct 2028	2	33,632K	N	Sep 2028	Jul 2024
1.1) CPS SSN Advanced Payload Module (APM) (1)(†)		2027	Lockheed Martin / Denver, CO	C / FPIF	Denver, CO	Apr 2027	Oct 2029	6	31,405K	N	Sep 2028	Jul 2024

(†) 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 / 04 / 4	**P-1 Line Item Number / Title:** 5353 / CPS Support Equipment	**Aggregated Items:** CPS Support Equipment

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	
1) CPS SSN Support Equipment																														
1.1) CPS SSN Advanced Payload Module (APM) [1]																														
	6	2026	NAVY	2	0	2							A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	6	2027	NAVY	6	0	6																			A	-	-	-	-	-	6
							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 / 04 / 4	**P-1 Line Item Number / Title:** 5353 / CPS Support Equipment	**Aggregated Items:** CPS Support Equipment

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	
1) CPS SSN Support Equipment																														
1.1) CPS SSN Advanced Payload Module (APM) [1]																														
	6	2026	NAVY	2	0	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1								0
	6	2027	NAVY	6	0	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
							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 / 04 / 4	**P-1 Line Item Number / Title:** 5353 / CPS Support Equipment	**Aggregated Items:** CPS Support Equipment

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	
1) CPS SSN Support Equipment																															
1.1) CPS SSN Advanced Payload Module (APM) [1]																															
	6	2026	NAVY	2	2	0																									0
	6	2027	NAVY	6	0	6	1	-	-	2	-	-	1	-	-	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 / 04 / 4	**P-1 Line Item Number / Title:** 5353 / CPS Support Equipment	**Aggregated Items:** CPS 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	Lockheed Martin - Denver, CO	2	5	7	0	0	30	30	0	0	30	30

"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 04: Ordnance Support Equipment / BSA 4: FBM Support Equipment	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0603561N, 0603595N, 0603570N, 0901211N, 0805376N, 0101228N

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)*	1,825.606	320.691	491.179	327.941	0.000	327.941	496.876	474.776	518.210	448.290	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,825.606	320.691	491.179	327.941	0.000	327.941	496.876	474.776	518.210	448.290	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,825.606**	**320.691**	**491.179**	**327.941**	**0.000**	**327.941**	**496.876**	**474.776**	**518.210**	**448.290**	**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:

This budget supports the shipboard subsystem equipment modernization and technical refresh efforts associated with TRIDENT II D5 Life Extension (D5LE) program as well as procurement of Strategic Weapons System (SWS) equipment for deployed ballistic missile submarines (SSBNs) and shore support sites.

OTHER MATERIAL SUPPORT

A broad range of other material support equipment must be procured for deployed SSBNs, shore installations and contractor facilities. Included within this category are general and special purpose test equipment, launcher expendables, navigation principal items, test instrumentation in support of missile flight tests, and missile checkout equipment. This includes capital maintenance support for the Naval Industrial Reserve Ordnance Plant (NIROP) which provides for significant rehabilitation and repair work for major facility, infrastructure, and systems at the Navy owned Pittsfield, MA facilities supporting the SWS. The NIROP infrastructure and systems are housed primarily in three main buildings and include but are not limited to power, steam, and cooling systems & infrastructure, life-safety and security systems, and other critical infrastructure such as roofs, elevators, restrooms, and parking lots. Work is performed on each major system on a rolling maintenance program that is based on service life. Continued maintenance of these critical facility systems is essential for support of the on-going Fleet Ballistic Missile (FBM) programs at the Pittsfield, MA NIROP. Hardware/Software IT Procurement funding in all years provides for non-tactical IT equipment acquisitions (hardware and related software) in support of the SSP enterprise and all associated programs. This includes the IT hardware and software components connected to the Strategic Weapons System Network (SWSNET).

ALTERATIONS

Alterations to non-flying tactical hardware support continuing requirements for the SWS. Requirements primarily relate to shipboard investments in Commercial-off-the-Shelf/Non-Developmental Items (COTS/NDI) SWS subsystem equipment, including periodic refresh cycles, to ensure continued reliable performance of the weapon system for its extended service life to match the OHIO Class life extension. Strategic Programs Alterations (SPALTs) also entail the application of available technology to eliminate personnel safety hazards, correct design deficiencies, maintain system effectiveness by resolving equipment operability problems, achieve logistic economies, and provide for shipboard subsystem D5LE modernization efforts.

Recent hardware alteration efforts include funds to (1) procure alterations to the SWS launcher and fire control subsystems; (2) test instrumentation used on SSBNs, support ships, and at the Eastern Test Range, the TRIDENT Refit Facility (TRF) - Bangor, and TRF - Kings Bay; and (4)procure missile handling equipment, missile test and readiness equipment, and surface support equipment. Installation of approved SPALTs are performed on a turnkey basis in conjunction with the procurement of 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 04: Ordnance Support Equipment / BSA 4: FBM Support Equipment	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0603561N, 0603595N, 0603570N, 0901211N, 0805376N, 0101228N
Line Item MDAP/MAIS Code: N/A		

Alterations funding supports the Shipboard System Integration (SSI) program and is utilizing a COTS based strategy that integrates common electronics from Fire Control (FC), Launcher, and Navigation (NAV) into the fire control sub-system. This includes refreshing inertial systems to ensure the TRIDENT II (D5LE) weapon system can be sustained through the life of the OHIO Class SSBNs and serve as the baseline for the COLUMBIA Class SSBNs. Below is a description of each current SSI Increment (Inc):

SSI Inc 8: This ongoing effort provides replacement of the 30 year old Electrostatic Gyro Navigator (ESGN) which needs a refresh of inertial technology components, provides replacement of the Electronic Equipment Consoles (EEC), and updates Navigation Subsystem software to accommodate ESGN replacement navigator. Also, provides SWS subsystem SPALTs for FC and Trident Training Facility (TTF) NAV Lab trainers, and Shipboard Data System (SDS)/Data Recording System (DRS) SPALT changes which are driven by data requirement changes. The ship alterations (SHIPALTs) retain NAV Center bedplate, cabling, chilled water/ventilation, and electrical power.

SSI Inc 11: Completed in FY 2025, Inc 11 developed the Launcher Initiation System (LIS) for backfit onto OHIO Class D5LE. This provided a technical refresh of 30+ year old technology to ensure long term system reliability. Ship/Strategic Weapon Support Systems (SWSS) SHIPALT also replaced electrical cable with hybrid fiber-optic/electrical cable.

SSI Inc 13: Completed in FY 2025, Inc 13 provided Shipboard Systems Refresh for Fire Control System (FCS), Navigation (NAV), and Missile Test and Readiness Equipment (MTRE) to integrate with the subsystems.

SSI Inc 15: As the prerequisite is SSI Inc 13, Inc 15 provides refresh alterations for the fire control subsystem.

SHIPBOARD SYSTEMS MODERNIZATION PORTFOLIO (SSMP) Program
SSP is undertaking a strategic modernization of the shipboard systems architecture to harness new technologies and leverage modern engineering methodologies. This will ensure credible, reliable and adaptable capabilities are provided to the warfighter and nation at the speed of relevance.

SSMP is the overarching program management framework for the integration of all current and future acquisition activity related to SWS shipboard systems. It includes design work to achieve an optimized shipboard architecture across SWS subsystems as well as the integration of all other shipboard systems development and sustainment activities.

SSMP has been defined in four major programmatic elements:

A. Advance Development and Tech. Maturation
B. Shipboard Re-Architecture Design
C. Obsolescence Management
D. Continuous Capability Insertion (C2IS)

A. Advance Development and Tech. Maturation consists of multiple incremental alterations to the shipboard systems of the SWS that primarily addresses obsolescence and sustainment. The SSI Increments program employed a strategy of targeted technology refreshes and functional consolidations in conjunction with life of type buys to manage obsolescence within the shipboard systems. While the increments were successful in achieving limited modernization of portions of the system design they did not principally address a holistic modernization of the underlying architecture of the collection of shipboard systems (Fire Control, Navigation, Shipboard Data System, and Launcher) that was established with TRIDENT II D5 in the 1980s. The SSI Increments program began with SSI Increment 1 which started in the early 2000s and will conclude with the deployment of Increment 15 in the late 2020s.

B. Shipboard Re-Architecture builds on the Increment 15 system baseline and is designed to achieve an architectural re-design of the shipboard systems. Leveraging modern technologies and approaches, this effort will eliminate the architectural constraints that hinder adaptability in the current SWS. Whereas the SSI Increment program focused on minimizing lifecycle costs around a stable system capability and performance baseline, Shipboard Re-Architecture focuses on maximizing scalability and adaptability in the architecture to enable rapid response to a dynamically changing threat environment while minimizing lifecycle costs. This shift in approach is needed to counter the rapidly changing threat environment that results from two near-peer nuclear adversaries and resultant dynamic needs for SLBM capability.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 4: FBM Support Equipment	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0603561N, 0603595N, 0603570N, 0901211N, 0805376N, 0101228N
Line Item MDAP/MAIS Code: N/A		

Shipboard Re-Architecture is structured around three lines of modernization which will establish a shipboard common infrastructure. Once the shipboard common infrastructure is in place, legacy software can be refactored to make use of standard functions and features and new capabilities can be more easily and rapidly introduced. The three lines of modernization are:

1. Implementation of a modern General Purpose Computing (GPC) infrastructure. This is critical to provide a scalable computational element that leverages modern technologies to achieve critical improvements in computational capability and cyber resiliency.

2. Implementation of a modern Deterministic Computing Element (DCE) infrastructure. This is critical to provide a modernized real-time embedded computing infrastructure based on the latest technologies and industry standards for high availability, high criticality systems.

3. Implementation of a modern data architecture and shipboard-flight interface infrastructure. This is critical to modernize communication protocols, software design, data structures, and interfaces to improve cyber security, supportability, and maintainability of the system. It is also an essential enabler to support emerging technologies under development for the flight and re-entry systems (e.g. TRIDENT II D5 Life Extension 2 (D5LE2) and Mk7/W93).

Shipboard Re-Architecture will be executed using an agile methodology and digital engineering methods. Smaller alterations to the existing shipboard systems will be executed over time rather than establishing several large incremental procurements. This approach is important for two reasons. First it will allow SSP to respond rapidly to changing National priorities while still making strategic investments in the re-architecture. Second, by overlapping and sequencing the roll off from SSI Increments 8 and 15 with the ramp up of Shipboard Re-Architecture effort, SSP is able to leverage the established industrial base which is a significant factor in managing risk, ensuring expertise and unique knowledge pertaining to the SWS design is retained and applied to the re-architecture efforts.

Shipboard Re-Architecture is strategically phased to also support the critical D5LE2 experimental test flight program in the early 2030s and planned refreshes for the COLUMBIA class.

C. Obsolescence Management: This aspect addresses the need to continuously sustain the shipboard systems. This includes planning for technology refreshes and obsolescence management during all phases of SSMP, leveraging the modernized architecture established by the Shipboard Re-Architecture efforts. Specifically, the decoupling of hardware and software and introduction of virtualization technologies in the re-architecture will serve to enable rapid insertion of technology refreshes and simplify obsolescence management of the shipboard systems. The objective is for the program to be capable of hardware insertion every two years and annualized software releases.

D. The C2IS element of the SSMP defines the approach to both sustaining the shipboard elements of the SWS and ensuring adaptability and timely insertion of capabilities to meet the dynamic threat environment and needs of the Nation. C2IS is fully integrated with re-architecture efforts to enable an appropriate balance of acquisition decisions between re-architecture, obsolescence management, and capability insertions. As the Shipboard Re-Architecture initiative is incrementally realized, the new architecture will enable a faster cadence that is more adaptable and affordable to changes. This will allow SSP to rapidly address both obsolescence and capability insertion, including improvements in SWS performance and the integration of support for advanced missile/re-entry technologies.

The overall SSMP program addresses the need to provide capability to the Warfighter. Before, during, and after the re-architecture efforts are complete Shipboard Subsystems must be able to adapt and introduce capability to keep pace with the changing threat environments. SSMP will focus on refreshing the shipboard architecture, which will allow adaptability for the quick and effective deployment of affordable solution along with the incremental deployment of capabilities required to sustain SWS effectiveness in a changing threat environment. This will maximize the ability of the SWS to adapt to changing threats. This involves enhancing the product and optimizing the SWS to satisfy STARTCOM specifications. This entails updating outdated shipboard systems components with new technology to guarantee the deployed SWS's availability and dependability while preserving compatibility with the pull-through components that are a requirement of the COLUMBIA design. To achieve this goal, a balance will need to be maintained between shipboard architectural changes and capability insertion. Once the Shipboard Common Infrastructure is in place the ability to rapidly insert capability will be improved and is essential for the SWS to adapt and respond to the ever-changing threats of the future.

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 04: Ordnance Support Equipment / BSA 4: FBM Support Equipment	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0603561N, 0603595N, 0603570N, 0901211N, 0805376N, 0101228N
Line Item MDAP/MAIS Code: N/A		

This category provides for procurement of, and alterations to, both tactical and non-tactical equipment required at submarine training facilities to train personnel in the operation and maintenance of launcher and handling, fire control, navigation, missile checkout, and test instrumentation subsystems. Each training facility consists of an integrated family of system and unit laboratories that interface with a training simulation system to provide complete and realistic training for replacement and off-crew personnel, both officer and enlisted, as required for manning of SSBNs and shore facilities. Funding is budgeted to procure training-unique equipment required as the result of alterations to SWS tactical equipment, including those associated with D5LE.

COLUMBIA CLASS
Funding in this category is in support of the COLUMBIA Class SSBN for the procurement of trainer equipment and execution of Trident Planned Equipment Replacement Program (TRIPER) efforts. Funding is required to develop, procure, install and test the Strategic Weapon Support System (SWSS) trainer equipment suite within the COLUMBIA Class Kings Bay (KB) TTF 2-tube configuration. The SWSS trainer equipment suite simulates the tactical configuration required to conduct COLUMBIA crew training and certification beginning in January 2026. Procurement of select SWSS components, such as training missile tubes and associated on and off-tube components, as well as engineering labor required to integrate the COLUMBIA design into the trainer configuration, commenced in FY 2022 to ensure initial equipment is installed before exterior building construction is complete (FY 2024) and all remaining hardware will be delivered in FY 2024 and the first half of FY 2025 for installation, checkout and testing. Similar procurements for the COLUMBIA Class Bangor TTF commence in FY 2028. The 2024 program cost estimate reflects updates based on awarded U.S. contracted values, updated labor rates, and increased material costs driven by inflation. . Starting in FY 2027, Naval Foundry Propeller Center (NFPC) funding was realigned from Fleet funding to NAVSEA HQ as a General Fund Field Activity. OPN funding for NFPC's ongoing critical equipment replacements is partially captured under LI 5358. NFPC's primary mission is to manufacture advanced propulsors for the Navy's submarine fleet, providing Government Furnished Equipment (GFE) to new acquisition submarine programs. NFPC is critical to achieving the submarine production cadence for the CLB and VCS programs.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 4: FBM Support Equipment	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A
Other Related Program Elements: 0603561N, 0603595N, 0603570N, 0901211N, 0805376N, 0101228N	
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 Missile Systems Equip	P-5a, P-21			- / 1,825.606	- / 320.691	- / 491.179	- / 327.941	- / -	- / 327.941
P-40	**Total Gross/Weapon System Cost**				**- / 1,825.606**	**- / 320.691**	**- / 491.179**	**- / 327.941**	**- / 0.000**	**- / 327.941**

*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 funding for Strategic Missile Systems Equip includes $491,179 thousand of discretionary and $9,180 thousand of mandatory funding for a total of $500,359 thousand. The mandatory funds include procurement of both hardware and related software of non-tactical IT equipment and supports the acceleration of the development, procurement, and integration of the Nuclear-Armed Sea-Launched Cruise Missile program (SLCM-N). Further information for this reconciliation request is provided in Section 20008 (Nuclear) of the One Big Beautiful Bill Act spend plan.

OTHER MATERIAL SUPPORT
A broad range of other material support equipment must be procured for deployed SSBNs, shore installations and contractor facilities. Included within this category are general and special purpose test equipment, launcher expendables, navigation principal items, test instrumentation in support of missile flight tests, and missile checkout equipment. Amounts included within this category are subdivided as follows:

Launcher and Handling Equipment:
Cost Codes 1.1 and 1.2 provide for Gas Generator (GG) Production and GG Case Hardware. GGs are utilized to eject Trident II (D5) missiles from the missile tubes during a launch.

Cost Code 1.1 FY 2027 Funding increase due to the procurement of 23 Gas Generators to support Sea leg capacity expansion, an increase from 0 in FY 2026. The production unit cost for these generators has been adjusted upward to account for inflationary impacts and realized increases in material and production costs from the industrial base.

Cost Code 1.2 funding provides the procurement and qualification of GG Case Hardware required to replace cases for expended/fired GGs. Funding in this category fluctuates year to year due to flight schedules. FY 2027 decreases due to the quantity of gas generator hardware decreasing to 10, PreLoading Indicating (PLI) Washer decreasing to 0.

Cost Code 1.3 FY 2027 decrease due to the procurement of 3 Ballast Transport Fixtures (BTFs) from 6 in FY 2026.

Fire Control Equipment:
Cost Code 2.1 funding provides for procurement of continued capital maintenance projects at the Naval Industrial Reserve Ordnance Plant (NIROP) in Pittsfield, MA. The Navy NIROP facility in Massachusetts is a large multi dwelling facility, encompassing almost 900,000 sq. ft. There are three main ordnance plant (OP) buildings on the NIROP facility, OPs 1, 2, and 3. The OPs were built in the 1940s and 1950s, and the last major renovations were in the 1970s. Funding fluctuates annually based on specific maintenance projects necessary to correct environmental, safety, and energy conservation deficiencies. FY 2027 scope includes OP1 Air Handler Refresh and OP3 Load Center Replacement. Electrical Load Centers at the Pittsfield NIROP are large, integrated critical systems that combine a transformer, switchgear, and a breaker box into a single housing.

Cost Code 2.2 FY 2027 increase is due to a full redesign of the Missile Simulator Interface (MSI) and the Missile Interface Test Module (MITM) Module for Training Stimulation System (TSS) and the Weapon System Simulator (WSS). MSI and MITM support the fleet training TSS and troubleshooting and validation of tactical systems WSS. Without these modules the fleet cannot be supported for missile interface testing and validation.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 4: FBM Support Equipment	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0603561N, 0603595N, 0603570N, 0901211N, 0805376N, 0101228N
Line Item MDAP/MAIS Code: N/A		

Cost Code 4.3 FY 2027 decrease due to the completion of the refresh of the Portable Antenna Telemetry System (PATS). There are no refreshes in FY 2027.

Information Technology (IT):
Cost Code 5.1 funding in all years provides for non-tactical IT equipment acquisitions (hardware and related software) in support of the SSP enterprise. This includes the IT hardware and software components connected to the Strategic Weapons System Network (SWSNET). Increase in FY 2027 to support the expanding workforce required for new nuclear modernization programs including D5LE2.

ALTERATIONS
Alterations to non-flying tactical hardware are continuing requirements for the SWS. Requirements relate primarily to shipboard investments in (COTS/NDI) SWS subsystem equipment, including periodic refresh cycles, to ensure continued reliable performance of the weapon system for its extended service life to match the OHIO Class life extension. SPALTs also entail the application of available technology to eliminate personnel safety hazards, correct design deficiencies, maintain system effectiveness by resolving equipment operability problems, achieve logistic economies, and provide for shipboard subsystem D5 life extension modernization efforts.

Funds are required to procure alterations to the SWS launcher and fire control subsystems; missile handling equipment, missile test and readiness equipment, and surface support equipment. Installation of approved SPALTs is performed on a turnkey basis in conjunction with the procurement of equipment. Use of COTS/NDI has been initiated and is being implemented in all subsystems, wherever possible.

Launcher and Handling Equipment:
Cost Code 6.1 increases in FY 2027 due to the procurement of 6 hoist controllers. Hoist controllers are essential for the safe and efficient operation of electric hoists and ensure precise control.

Cost Code 6.2 FY 2027 increase due to the procurement of 4 cooling chambers, 1 Mobile Test Bed (MTB) 3 Consolidated Test Set (CTS) and 20 Variable Energy Ejector Valves to sustain long-term operational readiness.

Fire Control Equipment:
Cost Code 7.1 FY 2027 Increase due to the procurement of 1,246 PCD to support the Fire Control System. Personal computing devices are refreshed twice every 9 years, FY 2026 focused on the refresh cycle dedicated to PCD Development and Qualification tasks, and the second year for Procurement and Acceptance Test.

Cost Code 7.2 FY 2027 Increase due to ramping up development of Fire Control System (FCS) revision (x62) CLB software variants needed during the period where both OHIO and CLB are operationally deployed and targeting compatibility must be maintained between the platforms.

Navigation Equipment:
Cost Code 8.2 decreases in FY 2027 due the procurement of Navigation Equipment, TR-143A transducer decreasing from 7 to 5 units.

Cost Code 8.4 FY 2027 decrease due to the completion of the Broadband Navigation Sonar (BBNS) testing and validation for the tactical navigational aids (NAVAIDS) system.

ALTERATIONS (SSI and SSMP)
The majority of the Alterations funding supports the Shipboard System Integration (SSI) program which utilizes a COTS based strategy that integrates common electronics (from Fire Control, Launcher, Navigation and Shipboard Data Recording Systems) into the fire control sub-system as well as refreshing inertial systems in order to ensure the TRIDENT II (D5) weapon system can be sustained to support both the OHIO class submarines through their end of life as well as support the COLUMBIA class submarines currently in production.

Below is a description of each current SSI Increment (Inc):

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 4: FBM Support Equipment	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0603561N, 0603595N, 0603570N, 0901211N, 0805376N, 0101228N
Line Item MDAP/MAIS Code: N/A		

SSI Inc 8: Inc 8 provides replacement of the 30-year-old Electrostatic Gyro Navigator (ESGN) which needs a refresh of inertial technology components, replacement of the Electronic Equipment Consoles (EEC), and updates to Navigation Subsystem software to accommodate the ESGN replacement navigator. Also, provides SWS subsystem SPALTs for FCS and TTF NAV Lab trainers, and SDS/DRS Software SPALT changes which are driven by data requirement changes. The SHIPALTs retain NAV Center bedplate, cabling, chilled water/ventilation, and retain electrical power. The current ESGN was designed and deployed in the early 1980s with a 20-year designed service live. This refresh is critical to ensure the program continues to meet USSTRATCOM requirements, and to ensure the operational availability of the OHIO, VANGUARD, COLUMBIA and Dreadnought SSBNs.

Cost Code 10.4 Funding decreases in FY 2027 as SHIPALT installation completes on the final boat.

Cost Code 10.6 decreases in FY 2027 due to completion of fault isolation capability for Gyroscopes.

SSI Inc 15: Inc 15 provides pre-configuration and post-configuration support of Inc 8 and Inc 11. Inc 15 is a critical path and the baseline for the deployment of the COLUMBIA Class SSBN. Inc 15 involves refreshes to several subsystems such as alterations for fire control equipment, navigation, launcher, and trainer subsystems. SSP reduced the efforts of SSI Inc 15 to the minimally required effort to address obsolescence issues which are required for the SWS to be the initial baseline for the COLUMBIA class SSBN.

Inc 15 efforts in FY 2027 include:
Cost Code 13.4 decreases in FY 2027 is due to the completion of installations of Increment 15 initial installation proofing efforts. Installed equipment includes MIN Network Switch, Server, Portable Network Device and Portable Computing Devices, along with the mechanical mounting components and cabling and associated software.

SHIPBOARD SYSTEMS MODERNIZATION PORTFOLIO (SSMP) Program
SSMP is an integrated modernization program structured and phased with SSI to leverage the established industrial base supporting all aspects of the Shipboard sub-systems. This will enable the SWS to be more agile and adaptable to the evolving threats and warfighter needs.

Cost Code 14.1: Advanced Development and Technology decreases in FY 2027 as development efforts for General Purpose Computing (GPC) element shift into production.

COLUMBIA CLASS:

Cost code 16.1 funding for COLUMBIA Class TRIPER spares was initiated in FY 2022. FY 2027 funds continue Kings Bay and Bangor Team Trainer procurements and TRIPER spares procurements. FY 2027 also includes Industrial Plant Equipment procurement, which will continue through 2031.

Cost Code 16.2 FY 2027 decreases due to the completion of the training equipment refresh.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 4	P-1 Line Item Number / Title: 5358 / Strategic Missile Systems Equip	Aggregated Items Title: Strategic Missile Systems 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 ($ 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) Other Material Support- Launcher and Handling Equipment																				
1.1) Gas Generator Production (1)(†)	A		-	-	-	261.111	18	4.700	-	-	-	371.696	23	8.549	-	-	-	371.696	23	8.549
1.2) Gas Generator Case Hardware (2)	A		-	-	10.162	-	-	-	-	-	4.885	-	-	2.581	-	-	-	-	-	2.581
1.3) Ballast Support Equipment (3)	A		-	-	-	-	-	-	-	-	3.713	-	-	1.894	-	-	-	-	-	1.894
Subtotal: 1) Other Material Support- Launcher and Handling Equipment			**-**	**-**	***10.162***	**-**	**-**	***4.700***	**-**	**-**	***8.598***	**-**	**-**	***13.024***	**-**	**-**	**-**	**-**	**-**	***13.024***
2) Other Material Support-Fire Control Equipment																				
2.1) Nirop Capital Maintenance (4)	A		-	-	80.563	-	-	8.143	-	-	7.850	-	-	11.692	-	-	-	-	-	11.692
2.2) Fire Control Auxillary Support Equipment (5)	A		-	-	47.753	-	-	8.319	-	-	3.634	-	-	5.335	-	-	-	-	-	5.335
2.3) D5 Targeting Hardware	A		-	-	9.029	-	-	1.002	-	-	1.022	-	-	1.042	-	-	-	-	-	1.042
2.4) Advanced Inventory Logistics (SAIL)	A		-	-	20.013	-	-	3.280	-	-	5.297	-	-	5.402	-	-	-	-	-	5.402
2.5) Targeting Software Refresh	A		-	-	107.138	-	-	13.748	-	-	14.297	-	-	14.582	-	-	-	-	-	14.582
Subtotal: 2) Other Material Support- Fire Control Equipment			**-**	**-**	***264.496***	**-**	**-**	***34.492***	**-**	**-**	***32.100***	**-**	**-**	***38.053***	**-**	**-**	**-**	**-**	**-**	***38.053***
3) Other Material Support-Navigation Equipment																				
3.1) ESGN(R) Stable Platform & Housing Mat. & Shock Isolation System Kits	A		-	-	7.500	-	-	7.650	-	-	7.599	-	-	7.750	-	-	-	-	-	7.750
Subtotal: 3) Other Material Support- Navigation Equipment			**-**	**-**	***7.500***	**-**	**-**	***7.650***	**-**	**-**	***7.599***	**-**	**-**	***7.750***	**-**	**-**	**-**	**-**	**-**	***7.750***
4) Other Material Support- Instrumentation/Missile Checkout Equipment																				
4.1) Umbilical Sets/ Kits(†)	A		2,103.100	10	21.031	1,826.000	1	1.826	1,631.000	1	1.631	1,643.000	1	1.643	-	-	-	1,643.000	1	1.643
4.2) Data System Integration	A		-	-	3.525	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3) Flight Test Instrumentation (FTI) Refresh (6)	A		-	-	94.847	-	-	36.766	-	-	27.725	-	-	-	-	-	-	-	-	-
Subtotal: 4) Other Material Support- Instrumentation/Missile Checkout Equipment			**-**	**-**	***119.403***	**-**	**-**	***38.592***	**-**	**-**	***29.356***	**-**	**-**	***1.643***	**-**	**-**	**-**	**-**	**-**	***1.643***
5) Other Material Support- Information Technology																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 4	P-1 Line Item Number / Title: 5358 / Strategic Missile Systems Equip	Aggregated Items Title: Strategic Missile Systems 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 ($ 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)
5.1) Hardware/ Software IT Procurement [7]	A		-	-	54.426	-	-	5.061	-	-	7.938	-	-	9.975	-	-	-	-	-	9.975
Subtotal: 5) Other Material Support-Information Technology			**-**	**-**	***54.426***	**-**	**-**	***5.061***	**-**	**-**	***7.938***	**-**	**-**	***9.975***	**-**	**-**	**-**	**-**	**-**	***9.975***
6) Alterations-Launcher and Handling Equipment																				
6.1) D5 Hoist [8]	A		1,573.500	10	15.735	-	-	2.493	-	-	2.934	-	-	3.306	-	-	-	-	-	3.306
6.2) Launcher SPALTs [9]	A		-	-	117.352	-	-	12.153	-	-	10.917	-	-	20.128	-	-	-	-	-	20.128
Subtotal: 6) Alterations-Launcher and Handling Equipment			**-**	**-**	***133.087***	**-**	**-**	***14.646***	**-**	**-**	***13.851***	**-**	**-**	***23.434***	**-**	**-**	**-**	**-**	**-**	***23.434***
7) Alterations-Fire Control Equipment																				
7.1) Portable Computing Devices (PCD) Refresh SPALT [10]	A		-	-	4.034	-	-	-	-	-	0.731	-	-	4.333	-	-	-	-	-	4.333
7.2) Minor SPALTS [11]	A		-	-	104.474	-	-	17.760	-	-	20.711	-	-	26.212	-	-	-	-	-	26.212
Subtotal: 7) Alterations-Fire Control Equipment			**-**	**-**	***108.508***	**-**	**-**	***17.760***	**-**	**-**	***21.442***	**-**	**-**	***30.545***	**-**	**-**	**-**	**-**	**-**	***30.545***
8) Alterations-Navigation Equipment																				
8.1) Legacy ESGN SPALTs	A		-	-	22.622	-	-	2.164	-	-	2.252	-	-	2.297	-	-	-	-	-	2.297
8.2) Transducer SPALTs [12]	A		-	-	29.657	-	-	7.794	-	-	8.444	-	-	5.631	-	-	-	-	-	5.631
8.3) Navigation Software SPALTs	A		-	-	38.071	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.4) Broadband Navigation SONAR System [13]	A		-	-	7.852	-	-	1.950	-	-	1.492	-	-	-	-	-	-	-	-	-
Subtotal: 8) Alterations-Navigation Equipment			**-**	**-**	***98.202***	**-**	**-**	***11.908***	**-**	**-**	***12.188***	**-**	**-**	***7.928***	**-**	**-**	**-**	**-**	**-**	***7.928***
9) Alterations-Instrumentation/Missle Checkout Equipment																				
9.1) Forecast Instrumentation SPALTs	A		-	-	15.375	-	-	3.121	-	-	3.183	-	-	3.246	-	-	-	-	-	3.246
Subtotal: 9) Alterations-Instrumentation/Missle Checkout Equipment			**-**	**-**	***15.375***	**-**	**-**	***3.121***	**-**	**-**	***3.183***	**-**	**-**	***3.246***	**-**	**-**	**-**	**-**	**-**	***3.246***
10) SSI Increment 8																				
10.1) Navigation SSI Increment 8 Production Gyroscope	A		549.338	210	115.361	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 4	P-1 Line Item Number / Title: 5358 / Strategic Missile Systems Equip	Aggregated Items Title: Strategic Missile Systems 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 ($ 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)
10.2) Navigation SSI Increment 8 On Board Repair Parts (OBRPs)	A		-	-	50.492	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.3) Navigation SSI Increment 8 Production INS(†)	A		2,990.688	32	95.702	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10.4) Navigation SSI Increment 8 SHIPALT / Integration (14)	A		-	-	41.305	-	-	5.376	-	-	3.544	-	-	-	-	-	-	-	-	-
10.5) Navigation SSI Increment 8 Installation	A		-	-	28.287	-	-	6.133	-	-	-	-	-	-	-	-	-	-	-	-
10.6) Gyroscope Fault Isolation Capability (15)	A		-	-	5.570	-	-	2.901	-	-	2.833	-	-	-	-	-	-	-	-	-
Subtotal: 10) SSI Increment 8			**-**	**-**	***336.717***	**-**	**-**	***14.410***	**-**	**-**	***6.377***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
11) SSI Increment 11																				
11.1) Launcher SSI Increment 11 LIS Fiberoptic Cables Installation	A		-	-	8.927	-	-	0.912	-	-	-	-	-	-	-	-	-	-	-	-
11.2) Fire Control SSI Increment 11 LIS SPALT Installs	A		-	-	13.800	-	-	0.972	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 11) SSI Increment 11			**-**	**-**	***22.727***	**-**	**-**	***1.884***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
12) SSI Increment 13																				
12.1) Instrumentation/ Missile SSI Increment 13 MTRE Refresh	A		-	-	44.531	-	-	1.216	-	-	-	-	-	-	-	-	-	-	-	-
12.2) Navigation SSI Increment 13 On Board Repair Parts (OBRPs)	A		-	-	0.551	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.3) Fire Control SSI Increment 13 Electronics Refresh SPALT Kits(†)	A		2,296.261	23	52.814	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.4) Fire Control and Navigation SSI Increment 13 Installation	A		-	-	14.902	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 12) SSI Increment 13			**-**	**-**	***112.798***	**-**	**-**	***1.216***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
13) SSI Increment 15																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 4	P-1 Line Item Number / Title: 5358 / Strategic Missile Systems Equip	Aggregated Items Title: Strategic Missile Systems 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 ($ 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) Fire Control SSI Increment 15 Refresh/ Redesign	A		-	-	118.585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.2) Fire Control SSI Increment 15 Production(†)	A		1,083.143	21	22.746	1,203.667	3	3.611	775.000	5	3.875	790.400	5	3.952	-	-	-	790.400	5	3.952
13.3) Launcher SSI Increment 15 Refresh & Systems Integration	A		-	-	3.176	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.4) Increment 15 Fire Control Installation (16)	A		-	-	5.112	-	-	7.502	-	-	4.632	-	-	2.932	-	-	-	-	-	2.932
Subtotal: 13) SSI Increment 15			**-**	**-**	***149.619***	**-**	**-**	***11.113***	**-**	**-**	***8.507***	**-**	**-**	***6.884***	**-**	**-**	**-**	**-**	**-**	***6.884***
14) Shipboard Systems Modernization Portfolio (SSMP)																				
14.1) Advanced Development & Tech Maturation (17)	A		-	-	39.845	-	-	19.198	-	-	19.581	-	-	11.309	-	-	-	-	-	11.309
14.2) Shipboard Re-Architecture	A		-	-	33.509	-	-	26.392	-	-	32.077	-	-	32.245	-	-	-	-	-	32.245
14.3) Obsolescence Management	A		-	-	23.484	-	-	20.802	-	-	21.218	-	-	21.642	-	-	-	-	-	21.642
14.4) Capability Insertion	A		-	-	19.796	-	-	18.687	-	-	18.493	-	-	18.862	-	-	-	-	-	18.862
14.5) SSMP Production Hardware	A		-	-	-	-	-	-	-	-	35.840	-	-	36.320	-	-	-	-	-	36.320
Subtotal: 14) Shipboard Systems Modernization Portfolio (SSMP)			**-**	**-**	***116.634***	**-**	**-**	***85.079***	**-**	**-**	***127.209***	**-**	**-**	***120.378***	**-**	**-**	**-**	**-**	**-**	***120.378***
15) Training Support Equipment																				
15.1) Training Support Equipment	A		-	-	176.505	-	-	12.269	-	-	12.514	-	-	12.764	-	-	-	-	-	12.764
Subtotal: 15) Training Support Equipment			**-**	**-**	***176.505***	**-**	**-**	***12.269***	**-**	**-**	***12.514***	**-**	**-**	***12.764***	**-**	**-**	**-**	**-**	**-**	***12.764***
16) Columbia Class																				
16.1) Columbia TRIPER spares (18)	A		-	-	71.570	-	-	45.524	-	-	198.119	-	-	52.285	-	-	-	-	-	52.285
16.2) SWSS Trainer Equipment (19)	A		-	-	27.877	-	-	11.266	-	-	2.198	-	-	0.032	-	-	-	-	-	0.032
Subtotal: 16) Columbia Class			**-**	**-**	***99.447***	**-**	**-**	***56.790***	**-**	**-**	***200.317***	**-**	**-**	***52.317***	**-**	**-**	**-**	**-**	**-**	***52.317***
Total			**-**	**-**	**1,825.606**	**-**	**-**	**320.691**	**-**	**-**	**491.179**	**-**	**-**	**327.941**	**-**	**-**	**-**	**-**	**-**	**327.941**

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 / 04 / 4	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip	**Aggregated Items Title:** Strategic Missile Systems Equip

Footnotes:

(1) Cost Code 1.1 FY 2027 Funding increase due to the procurement of 23 Gas Generators to support Sea leg capacity expansion, an increase from 0 in FY 2026. The production unit cost for these generators has been adjusted upward to account for inflationary impacts and realized increases in material and production costs from the industrial base.

(2) Cost Code 1.2 funding provides the procurement and qualification of GG Case Hardware required to replace cases for expended/fired GGs. Funding in this category fluctuates year to year due to flight schedules. FY 2027 decreases due to the quantity of gas generator hardware decreasing to 10 and PreLoading Indicating (PLI) Washer decreasing to 0.

(3) Cost Code 1.3 FY 2027 decrease due to the procurement of 3 Ballast Transport Fixtures (BTFs) from 6 in FY 2026.

(4) Funding fluctuates annually based on specific maintenance projects necessary to correct environmental, safety, and energy conservation deficiencies. FY 2027 scope includes OP1 Air Handler Refresh and OP3 Load Center Replacement. Electrical Load Centers at the Pittsfield NIROP are large, integrated critical systems that combine a transformer, switchgear, and a breaker box into a single housing.

(5) Cost Code 2.2 FY 2027 increase due to a full redesign of the Missile Simulator Interface (MSI) and and the Missile Interface Test Module (MITM) Module for Training Stimulation System (TSS) and the Weapon System Simulator (WSS). MSI and MITM support the fleet training TSS and troubleshooting and validation of tactical systems WSS. Without these modules and the fleet cannot be supported for missile interface testing and validation.

(6) Cost Code 4.3 FY 2027 decrease due to the completion of the refresh of the Portable Antenna Telemetry System (PATS). There are no refreshes this year.

(7) Cost Code 5.1 funding in all years provides for non-tactical IT equipment acquisitions (hardware and related software) in support of the SSP enterprise. This includes the IT hardware and software components connected to the Strategic Weapons System Network (SWSNET). FY 2027 increase to support the expanding workforce required for new nuclear modernization programs including D5LE2.

(8) Cost Code 6.1 increases in FY 2027 due to the procurement of 6 hoist controller. Hoist controllers are essential for the safe and efficient operation of electric hoists and ensure precise control.

(9) Cost Code 6.2 FY 2027 increase due to the procurement of 4 cooling chambers, 1 Mobile Test Bed (MTB) 3 Consolidated Test Set (CTS) and 20 Variable Energy Ejector Valves to sustain long-term operational readiness.

(10) Cost Code 7.1 FY 2027 Increase due to the procurement of 1,246 PCD to support the Fire Control System. Personal computing devices are refreshed twice every 9 years, FY 2026 focused on the refresh cycle dedicated to PCD Development and Qualification tasks, and the second year for Procurement and Acceptance Test.

(11) Cost Code 7.2 increase in FY 2027 due to ramping up development of FCS revision (x62) CLB software variants needed during the period where both OHIO and CLB are operationally deployed and targeting compatibility must be maintained between the platforms.

(12) Cost Code 8.2 decreases in FY 2027 due the procurement of TR-143A transducer decreasing from 7 to 5 units.

(13) Cost Code 8.4 FY 2027 decrease due to the completion of the Broadband Navigation Sonar (BBNS) testing and validation for the tactical navigational aids (NAVAIDS) system.

(14) Cost Code 10.4 Funding decreases in FY 2027 as SHIPALT installation completes on the final boat.

(15) Cost Code 10.6 decreases in FY 2027 due to completion of fault isolation capability for Gyroscopes.

(16) Cost Code 13.4 decreases in FY 2027 is due to ramp down of installations of Increment 15 initial installation proofing efforts. Installed equipment includes MIN Network Switch, Server, Portable Network Device and Portable Computing Devices, along with the mechanical mounting components and cabling and associated software.

(17) Cost Code 14.1 decreases in FY 2027 as development efforts shift into production.

(18) FY 2027 decrease from FY 2026 is driven by the reduction to the funding for the Kings Bay team trainers and Kings Bay technical trainers, as well as a reduction to Industrial Plant Equipment procurements that will begin to close out for Kings Bay in FY 2027. FY 2027 continues TRIPER spare procurements which will go through FY 2043.

(19) Cost Code 16.2 FY 2027 decreases due to the completion of the training equipment refresh.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 4	P-1 Line Item Number / Title: 5358 / Strategic Missile Systems Equip	Aggregated Items: Strategic Missile Systems Equip

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
1) Other Material Support- Launcher and Handling Equipment												
1.1) Gas Generator Production (1)		2025	NORTHROP GRUMMAN (20) / Rocket Center, WV	C / CPFF	Washington Navy Yard, DC	Mar 2025	Mar 2027	18	261.111	Y		
1.1) Gas Generator Production (1)		2027	NORTHROP GRUMMAN (20) / Rocket Center, WV	C / CPFF	Washington Navy Yard, DC	Oct 2026	Oct 2028	23	371.696	N		
4) Other Material Support- Instrumentation/Missile Checkout Equipment												
4.1) Umbilical Sets/Kits		2023	Lockheed Martin / Sunnyvale,CA	C / CPIF	Washington Navy Yard, DC	Oct 2022	Oct 2025	1	1,756.000	Y		
4.1) Umbilical Sets/Kits		2024	Lockheed Martin / Sunnyvale,CA	C / CPFF	Washington Navy Yard, DC	Oct 2023	Oct 2026	1	1,791.000	Y		
4.1) Umbilical Sets/Kits		2025	Lockheed Martin / Sunnyvale,CA	C / CPFF	Washington Navy Yard, DC	Oct 2024	Oct 2027	1	1,826.000	Y		
4.1) Umbilical Sets/Kits		2026	Lockheed Martin / Sunnyvale,CA	C / CPFF	Washington Navy Yard, DC	Oct 2025	Oct 2028	1	1,631.000	Y		
4.1) Umbilical Sets/Kits		2027	Lockheed Martin / Sunnyvale,CA	C / CPFF	Washington Navy Yard, DC	Oct 2026	Oct 2029	1	1,643.000	Y		
10) SSI Increment 8												
10.3) Navigation SSI Increment 8 Production INS(†)		2019	Lockheed Martin (SSI Increment #8 Inertial Navigation System (INS)) / Mitchfield,NY	C / CPIF	Washington Navy Yard, DC	Nov 2018	Feb 2020	2	3,778.000	Y		
10.3) Navigation SSI Increment 8 Production INS(†)		2021	Lockheed Martin (SSI Increment #8 Inertial Navigation System (INS)) / Mitchfield,NY	C / CPIF	Washington Navy Yard, DC	Jan 2021	Apr 2022	9	2,902.333	Y		
10.3) Navigation SSI Increment 8 Production INS(†)		2022	Lockheed Martin (SSI Increment #8 Inertial Navigation System (INS)) / Mitchfield,NY	C / CPIF	Washington Navy Yard, DC	Nov 2021	Feb 2023	10	2,960.400	Y		
10.3) Navigation SSI Increment 8 Production INS(†)		2023	Lockheed Martin (SSI Increment #8 Inertial Navigation System (INS)) / Mitchfield,NY	C / CPIF	Washington Navy Yard, DC	Oct 2022	Jan 2024	11	2,947.364	Y		
12) SSI Increment 13												
12.3) Fire Control SSI Increment 13 Electronics Refresh SPALT Kits(†)		2019	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DC	Oct 2018	Oct 2019	6	2,349.167	Y		
12.3) Fire Control SSI Increment 13 Electronics Refresh SPALT Kits(†)		2020	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DC	Oct 2019	Oct 2020	6	2,342.833	Y		
12.3) Fire Control SSI Increment 13 Electronics Refresh SPALT Kits(†)		2021	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DC	Nov 2020	Nov 2021	5	2,825.800	Y		

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 4	P-1 Line Item Number / Title: 5358 / Strategic Missile Systems Equip	Aggregated Items: Strategic Missile Systems Equip

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
12.3) Fire Control SSI Increment 13 Electronics Refresh SPALT Kits(†)		2022	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) / Pittsfield, MA	C / CPIF	Washington Navy Yard, DC	Nov 2021	Nov 2022	6	1,755.500	Y		
13) SSI Increment 15												
13.2) Fire Control SSI Increment 15 Production		2022	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) / Pittsfield, MA	C / CPFF	Washington Navy Yard, DC	Jul 2022	Sep 2023	4	2,172.500	Y		
13.2) Fire Control SSI Increment 15 Production		2023	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) / Pittsfield, MA	C / CPFF	Washington Navy Yard, DC	Oct 2022	Dec 2023	12	769.917	Y		
13.2) Fire Control SSI Increment 15 Production		2024	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) / Pittsfield, MA	C / CPFF	Washington Navy Yard, DCWashington Navy Yard, DC	Jan 2024	Jan 2025	5	786.800	Y		
13.2) Fire Control SSI Increment 15 Production		2025	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) / Pittsfield, MA	C / CPFF	Washington Navy Yard, DC	Jan 2025	Jan 2026	3	1,203.667	Y		
13.2) Fire Control SSI Increment 15 Production		2026	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) / Pittsfield, MA	C / CPFF	Washington Navy Yard, DC	Jul 2026	Jul 2027	5	775.000	Y		
13.2) Fire Control SSI Increment 15 Production		2027	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) / Pittsfield, MA	C / CPFF	Washington Navy Yard, DC	Oct 2026	Oct 2027	5	790.400	Y		

(†) indicates the presence of a P-21

Footnotes:
(20) Formerly known as Alliant Tech Systems

Exhibit P-21, Production Schedule: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 4	P-1 Line Item Number / Title: 5358 / Strategic Missile Systems Equip	Aggregated Items: Strategic Missile Systems Equip

Items (Units in Each)							Fiscal Year 2019												Fiscal Year 2020												BALANCE
							Calendar Year 2019												Calendar Year 2020													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2018	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	
10) SSI Increment 8																															
10.3) Navigation SSI Increment 8 Production INS																															
	7	2019	NAVY	2	0	2		A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1							0
	7	2021	NAVY	9	0	9																									9
	7	2022	NAVY	10	0	10																									10
	7	2023	NAVY	11	0	11																									11
12) SSI Increment 13																															
12.3) Fire Control SSI Increment 13 Electronics Refresh SPALT Kits																															
	8	2019	NAVY	6	0	6	A -	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1							0
	8	2020	NAVY	6	0	6													A -	-	-	-	-	-	-	-	-	-	-	-	6
	8	2021	NAVY	5	0	5																									5
	8	2022	NAVY	6	0	6																									6
							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 / 04 / 4	P-1 Line Item Number / Title: 5358 / Strategic Missile Systems Equip	Aggregated Items: Strategic Missile Systems Equip

Items (Units in Each)							Fiscal Year 2021												Fiscal Year 2022												BALANCE
							Calendar Year 2021												Calendar Year 2022													
OOC	MFR #	FY	SERVICE	PROC QTY	ACCEPT PRIOR TO 1 OCT 2020	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	
10) SSI Increment 8																															
10.3) Navigation SSI Increment 8 Production INS																															
	7	2019	NAVY	2	2	0																									0
	7	2021	NAVY	9	0	9				A	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	2	1	2		0
	7	2022	NAVY	10	0	10														A	-	-	-	-	-	-	-	-	-	-	10
	7	2023	NAVY	11	0	11																									11
12) SSI Increment 13																															
12.3) Fire Control SSI Increment 13 Electronics Refresh SPALT Kits																															
	8	2019	NAVY	6	6	0																									0
	8	2020	NAVY	6	0	6	1	1	1	1	1	1																			0
	8	2021	NAVY	5	0	5		A	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1							0
	8	2022	NAVY	6	0	6														A	-	-	-	-	-	-	-	-	-	-	6
							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 / 04 / 4	P-1 Line Item Number / Title: 5358 / Strategic Missile Systems Equip	Aggregated Items: Strategic Missile Systems Equip

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	
10) SSI Increment 8																															
10.3) Navigation SSI Increment 8 Production INS																															
	7	2019	NAVY	2	2	0																									0
	7	2021	NAVY	9	9	0																									0
	7	2022	NAVY	10	0	10	-	-	-	-	1	1	1	1	1	1	1	1	1	1											0
	7	2023	NAVY	11	0	11	A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	2
12) SSI Increment 13																															
12.3) Fire Control SSI Increment 13 Electronics Refresh SPALT Kits																															
	8	2019	NAVY	6	6	0																									0
	8	2020	NAVY	6	6	0																									0
	8	2021	NAVY	5	5	0																									0
	8	2022	NAVY	6	0	6	-	1	1	1	1	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 / 04 / 4	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip	**Aggregated Items:** Strategic Missile Systems Equip

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	
10) SSI Increment 8																															
10.3) Navigation SSI Increment 8 Production INS																															
	7	2019	NAVY	2	2	0																									0
	7	2021	NAVY	9	9	0																									0
	7	2022	NAVY	10	10	0																									0
	7	2023	NAVY	11	9	2	1	1																							0
12) SSI Increment 13																															
12.3) Fire Control SSI Increment 13 Electronics Refresh SPALT Kits																															
	8	2019	NAVY	6	6	0																									0
	8	2020	NAVY	6	6	0																									0
	8	2021	NAVY	5	5	0																									0
	8	2022	NAVY	6	6	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 / 04 / 4	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip	**Aggregated Items:** Strategic Missile Systems Equip

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	
10) SSI Increment 8																															
10.3) Navigation SSI Increment 8 Production INS																															
	7	2019	NAVY	2	2	0																									0
	7	2021	NAVY	9	9	0																									0
	7	2022	NAVY	10	10	0																									0
	7	2023	NAVY	11	11	0																									0
12) SSI Increment 13																															
12.3) Fire Control SSI Increment 13 Electronics Refresh SPALT Kits																															
	8	2019	NAVY	6	6	0																									0
	8	2020	NAVY	6	6	0																									0
	8	2021	NAVY	5	5	0																									0
	8	2022	NAVY	6	6	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 / 04 / 4	**P-1 Line Item Number / Title:** 5358 / Strategic Missile Systems Equip	**Aggregated Items:** Strategic Missile Systems Equip

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	Lockheed Martin (SSI Increment #8 Inertial Navigation System (INS)) - Mitchfield,NY	6	12	16	0	0	15	15	0	0	15	15
2	General Dynamics (SSI Increment #13 FC Electronic Refresh SPALT Kits) - Pittsfield, MA	2	5	15	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 04: Ordnance Support Equipment / BSA 5: ASW Support Equipment	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: N/A	Other Related Program Elements: 0604562N

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)*	1,440.789	153.237	102.954	165.416	0.000	165.416	178.525	208.166	211.571	238.382	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,440.789	153.237	102.954	165.416	0.000	165.416	178.525	208.166	211.571	238.382	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,440.789**	**153.237**	**102.954**	**165.416**	**0.000**	**165.416**	**178.525**	**208.166**	**211.571**	**238.382**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	2.865	0.801	3.729	-	3.729	4.862	5.370	7.174	6.659	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The AN/BYG-1 is the combat control system common across all submarine platforms which incorporates tactical control, weapon/payload control and Tactical Local Area Network (TacLAN) functions into a single procurement program. AN/BYG-1 allows the submarine to rapidly update the ship-safety tactical picture, integrates the common tactical picture into the battlegroup, improves torpedo interfaces, and provides tactical TOMAHAWK, Harpoon counter measures, and other payload capabilities. AN/BYG-1 systems will be continuously updated with hardware enhancements to address Commercial Off The Shelf (COTS) obsolescence, and provide capability improvements through software upgrades. Hardware updates are referred to as Tech Insertion (TI) kits and are differentiated by year of development (i.e. TI-20, TI-22, TI-24, TI-26, etc.). The TI upgrades provide the baseline for all future AN/BYG-1 procurements. AN/BYG-1 is part of the Submarine Warfare Federated Tactical Systems (SWFTS), a family of interdependent systems that conduct cooperative system development and installations. As a result of this interdependency, AN/BYG-1 installations must be performed in conjunction with the installations of the other SWFTS systems.

VB011 - COMBAT SYSTEMS TECHNOLOGY REFRESH / LEGACY INTEGRATION
Procures Engineering Changes (EC) and Ordnance Alterations (ORDALT) to correct fleet reported problems with fielded AN/BYG-1 software and hardware. Procures Weapons Launch Systems and training systems, including the Multi-tube Weapon Simulator (MTWS) and the Onboard Team Trainer. Provides system engineering in support of TacLAN, and Cybersecurity for AN/BYG-1 authorization and accreditation. Procures Infrastructure COTS H/W in order to enable faster delivery, installation, and updating of developed systems to the warfighter by creating a cyber-resilient environment that links the system developers to the fielded systems. Procures TIH Modernization hardware to allow flexible, efficient utilization of the fielded computing systems, providing the opportunity for dynamic response and recovery when the system is under cyber-attack, and positioning SWFTS to leverage the developing fields of Artificial Intelligence and Machine Learning. Architecture efforts focused on automated testing, cyber resiliency and rapid capability delivery to improve reliability and increase operational availability.

VB034 - SUBMARINE COMBAT CONTROL SYSTEM MODERNIZATION PROGRAM
Procures hardware and software upgrades for AN/BYG-1 system for installation on all submarine platforms. Efforts include pre-production, design, hardware production, and integration. Funds are for the installation of Combat Control System equipment included in the Fleet Modernization Program.

VB800 - ELECTRONIC CHARTING DISPLAY INFORMATION SYSTEM
Procures the Submarine Electronic Charting Display Information System - Navy ECDIS on all U.S. Navy submarine platforms. PEO UWS Submarine Combat and Weapons Control Program Office has program acquisition, contractual, financial, engineering and logistical responsibilities for submarine Navy ECDIS systems. This includes conducting submarine Navy ECDIS integration, integration testing, NAVCERT, and fielding responsibilities in support of all baselines.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: ASW Support Equipment	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0604562N
Line Item MDAP/MAIS Code: N/A		

VB995 - PRODUCTION ENGINEERING AND INITIAL TRAINING
Procures production and logistics support, assistance for asset management, cost analyses, preparation of contract specifications, monitoring of contract deliverables, contractor cost, schedule and performance monitoring, Integrated Logistics Support (ILS) planning and Government Furnished Information (GFI) coordination. Also provides initial training curriculum development, training management materials, exercise control group development, and pilot services to the Fleet.

VB997 - SSGN SUSTAINING SUPPORT
Provides funding to the Strategic Systems Program (SSP) in support of the Equipment procurement, installation and sustainment required for the life-cycle operational support of SSGN Attack Weapons Systems (AWS) currently on four OHIO-class SSGNs. Funding provides the end-of-life technical refresh of critical components and maintain cyber security posture for to the Attack Weapon Control System (AWCS) and the Attack Weapons System Interface Simulator (AWIS). AWCS technical refresh includes Training Mode Enhancements and updates to Maintenance Interface Network requires an update to the operating system to maintain Missile Technician training on board the SSGN. Funding ended in FY25.

VB700 - PAYLOAD PROCUREMENT
Procurement of payloads to include Unmanned Aerial System (UAS) vehicles for integration, verification, and validation. Procurement entails integrated, modified, and tested horizontally and vertically deployed payloads. SLUAS transferred to OPN Line Item 2210 in FY25.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: ASW Support Equipment	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A — **Other Related Program Elements:** 0604562N
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	SSN Combat Control Systems				- / 768.022	- / 68.352	- / 34.752	- / 72.014	- / -	- / 72.014
P-3a	1 / VB034 SSBN MODERNIZATION TECH INSERTION OHIO CLASS (SSBN CLASS)				- / 9.680	- / 16.735	- / 13.870	- / 12.160	- / 0.000	- / 12.160
P-3a	2 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS (UPGRADE)				- / 54.158	- / 6.238	- / 0.000	- / 0.000	- / 0.000	- / 0.000
P-3a	3 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS (UPGRADE)				- / 368.141	- / 4.465	- / 0.000	- / 6.690	- / 0.000	- / 6.690
P-3a	4 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS (UPGRADE)				- / 161.663	- / 10.656	- / 12.787	- / 12.572	- / 0.000	- / 12.572
P-3a	5 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS W/CWL (UPGRADE)				- / 79.125	- / 38.394	- / 27.173	- / 26.151	- / 0.000	- / 26.151
P-3a	6 / VB034 SSBN MODERNIZATION TECH INSERTION COLUMBIA CLASS (UPGRADE)				- / 0.000	- / 0.000	- / 8.610	- / 5.199	- / 0.000	- / 5.199
P-3a	7 / VB034 SSN774 BLK V AND OUT W/ CWL TECH INSERT- PSA INSTALL (UPGRADE)				- / 0.000	- / 8.397	- / 5.762	- / 30.630	- / 0.000	- / 30.630
P-40	**Total Gross/Weapon System Cost**				**- / 1,440.789**	**- / 153.237**	**- / 102.954**	**- / 165.416**	**- / 0.000**	**- / 165.416**

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	SSN Combat Control Systems				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / VB034 SSBN MODERNIZATION TECH INSERTION OHIO CLASS (SSBN CLASS)				- / 7.665	- / 7.830	- / 4.966	- / 0.000	Continuing	Continuing
P-3a	2 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS (UPGRADE)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	Continuing	Continuing
P-3a	3 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS (UPGRADE)				- / 16.365	- / 9.755	- / 10.649	- / 18.845	Continuing	Continuing
P-3a	4 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS (UPGRADE)				- / 11.024	- / 20.006	- / 8.937	- / 0.000	Continuing	Continuing
P-3a	5 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS W/CWL (UPGRADE)				- / 22.422	- / 38.083	- / 51.394	- / 74.934	Continuing	Continuing
P-3a	6 / VB034 SSBN MODERNIZATION TECH INSERTION COLUMBIA CLASS (UPGRADE)				- / 0.000	- / 10.643	- / 17.131	- / 17.559	Continuing	Continuing
P-3a	7 / VB034 SSN774 BLK V AND OUT W/ CWL TECH INSERT- PSA INSTALL (UPGRADE)				- / 49.229	- / 50.415	- / 51.491	- / 52.592	Continuing	Continuing
P-40	**Total Gross/Weapon System Cost**				**- / 178.525**	**- / 208.166**	**- / 211.571**	**- / 238.382**	**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-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: ASW Support Equipment	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0604562N
Line Item MDAP/MAIS Code: N/A		

Justification:
FY 2027 SSN Combat Control Systems was increased from FY26 by $62.462M to support increased hardware procurements and modernization.

ITEM 1.1 ECP/AUXILLARY EQUIPMENT / LEGACY INTEGRATION: Increased funding in FY 2027 to support re-instituting Engineering Changes (EC) and Ordnance Alterations (ORDALT).

ITEM 1.2 WEAPON LAUNCH SYSTEMS TECH INSERTION: Decreased funding in FY 2027 due to the completion of long lead material for the Common Weapon Launcher.

ITEM 1.3 TACLAN/IA: Increased funding in FY 2027 to support re-instituting capability development and improvements to the Tactical Local Area Network (TACLAN) and Information Assurance (IA) sub-systems.

ITEM 1.4 INFRASTRUCTURE COTS HARDWARE: Increased funding in FY 2027 to support additional COTS lab hardware investments to support increased AN/BYG-1 capabilities.

ITEM 1.6 SUBMARINE WARFARE FEDERATED TACTICAL SYSTEMS (SWFTS) ARCHITECTURE: Increased funding in FY 2027 to support architecture efforts focused on automated testing, cyber resiliency and rapid capability delivery to improve reliability and increase operational availability.

ITEM 2.1 ELECTRONIC CHARTING DISPLAY INFORMATION SYSTEM: Increased funding in FY 2027 to support re-instituting Navy Electronic Chart Display and Information System (ECDIS) integration.

ITEM 3.1 PRODUCTION ENGINEERING AND INITIAL TRAINING: Increased funding in FY 2027 to support increased technical and testing requirements associated with architecture improvements.

VB034 PRODUCTION AND INSTALLATION: Increased in FY 2027 to support hardware upgrades and modernization of one (1) SSBN OHIO Class, two (2) SSN 688 Class, two (2) SSN 774 Class w/ CWL, and two (2) SSN 774 Blk V w/ CWL.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Aggregated Items Title:** SSN Combat Control Systems

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) VB011: COMBAT SYSTEM TECH REFRESH/LEGACY INTEGRATION																				
1.1) VB011: ECP/ AUXILLARY EQUIPMENT / LEGACY INTEGRATION [1]	A		-	-	23.537	-	-	2.432	-	-	-	-	-	2.328	-	-	-	-	-	2.328
1.2) VB011: WEAPON LAUNCH SYSTEMS TECH INSERTION [2]	A		-	-	164.225	-	-	28.484	-	-	22.202	-	-	21.096	-	-	-	-	-	21.096
1.3) VB011: TACLAN/ IA [3]	A		-	-	234.207	-	-	14.638	-	-	-	-	-	13.425	-	-	-	-	-	13.425
1.4) VB011: INFRASTRUCTURE COTS HARDWARE [4]	A		-	-	32.727	-	-	2.097	-	-	2.732	-	-	3.208	-	-	-	-	-	3.208
1.5) VB011: TIH MODERNIZATION	A		-	-	72.607	-	-	14.573	-	-	8.387	-	-	8.445	-	-	-	-	-	8.445
1.6) SUBMARINE WARFARE FEDERATED TACTICAL SYSTEMS (SWFTS) ARCHITECTURE [5]	A		-	-	-	-	-	-	-	-	-	-	-	18.141	-	-	-	-	-	18.141
Subtotal: 1) VB011: COMBAT SYSTEM TECH REFRESH/LEGACY INTEGRATION			**-**	**-**	***527.303***	**-**	**-**	***62.224***	**-**	**-**	***33.321***	**-**	**-**	***66.643***	**-**	**-**	**-**	**-**	**-**	***66.643***
2) VB800: ELECTRONIC CHARTING DISPLAY INFORMATION SYSTEM																				
2.1) VB800: ELECTRONIC CHARTING DISPLAY INFORMATION SYSTEM [6]	A		-	-	30.461	-	-	3.761	-	-	-	-	-	3.911	-	-	-	-	-	3.911
Subtotal: 2) VB800: ELECTRONIC CHARTING DISPLAY INFORMATION SYSTEM			**-**	**-**	***30.461***	**-**	**-**	***3.761***	**-**	**-**	**-**	**-**	**-**	***3.911***	**-**	**-**	**-**	**-**	**-**	***3.911***
3) VB995: PRODUCTION ENGINEERING AND INITIAL TRAINING																				
3.1) VB995: PRODUCTION ENGINEERING AND INITIAL TRAINING [7]	A		-	-	74.727	-	-	1.977	-	-	1.431	-	-	1.460	-	-	-	-	-	1.460
Subtotal: 3) VB995: PRODUCTION ENGINEERING AND INITIAL TRAINING			**-**	**-**	***74.727***	**-**	**-**	***1.977***	**-**	**-**	***1.431***	**-**	**-**	***1.460***	**-**	**-**	**-**	**-**	**-**	***1.460***
4) VB997: SSGN SUSTAINING SUPPORT																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Aggregated Items Title:** SSN Combat Control Systems

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) VB997: SSGN SUSTAINING SUPPORT [8]	A		-	-	112.809	-	-	0.390	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) VB997: SSGN SUSTAINING SUPPORT			**-**	**-**	***112.809***	**-**	**-**	***0.390***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5) VB700: PAYLOAD PROCUREMENT																				
5.1) VB700: PAYLOAD PROCUREMENT [9]	A		946,750.00	24	22.722	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5) VB700: PAYLOAD PROCUREMENT			**-**	**-**	***22.722***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**768.022**	**-**	**-**	**68.352**	**-**	**-**	**34.752**	**-**	**-**	**72.014**	**-**	**-**	**-**	**-**	**-**	**72.014**

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

Footnotes:

[1] ITEM 1.1 ECP/AUXILLARY EQUIPMENT / LEGACY INTEGRATION: Increased funding in FY 2027 to support re-instituting Engineering Changes (EC) and Ordnance Alterations (ORDALT).

[2] ITEM 1.2 WEAPON LAUNCH SYSTEMS TECH INSERTION: Decreased funding in FY 2027 due to the completion of long lead material for the Common Weapon Launcher.

[3] ITEM 1.3 TACLAN/IA: Increased funding in FY 2027 to support re-instituting capability development and improvements to the Tactical Local Area Network (TACLAN) and Information Assurance (IA) sub-systems.

[4] ITEM 1.4 INFRASTRUCTURE COTS HARDWARE: Increased funding in FY 2027 to support additional COTS lab hardware investments to support increased AN/BYG-1 capabilities.

[5] ITEM 1.6 SUBMARINE WARFARE FEDERATED TACTICAL SYSTEMS (SWFTS) ARCHITECTURE: Increased funding in FY 2027 to support architecture efforts focused on automated testing, cyber resiliency and rapid capability delivery to improve reliability and increase operational availability.

[6] ITEM 2.1 ELECTRONIC CHARTING DISPLAY INFORMATION SYSTEM: Increased funding in FY 2027 to support re-instituting Navy Electronic Chart Display and Information System (ECDIS) integration.

[7] ITEM 3.1 PRODUCTION ENGINEERING AND INITIAL TRAINING: Increased funding in FY 2027 to support increased technical and testing requirements associated with architecture improvements.

[8] The decrease in funding to the Strategic Systems Programs (SSP) SSGN support line is due to this funding line ending in FY25.

[9] Funding for VB700 transferred to OPN Line Item 2210 of PMS 415's budget as the Program Office responsible for execution of the Submarine Launched Unmanned Aerial System in FY25.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 1 / VB034 SSBN MODERNIZATION TECH INSERTION OHIO CLASS
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)*	9.680	16.735	13.870	12.160	0.000	12.160	7.665	7.830	4.966	0.000	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	9.680	16.735	13.870	12.160	0.000	12.160	7.665	7.830	4.966	0.000	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**9.680**	**16.735**	**13.870**	**12.160**	**0.000**	**12.160**	**7.665**	**7.830**	**4.966**	**0.000**	**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:
This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 1 / VB034 SSBN MODERNIZATION TECH INSERTION OHIO CLASS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: VB034 SSBN MODERNIZATION TECH INSERTION OHIO CLASS	**Modification Type:** SSBN CLASS	**Related RDT&E PEs:** 0604562N

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: VB034 SSBN MODERNIZATION TECH INSERTION OHIO CLASS												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic	3 / 5.635	2 / 4.641	2 / 4.759	1 / 2.846	- / -	1 / 2.846	1 / 2.903	1 / 2.962	- / -	- / -	Continuing	Continuing
Subtotal: Recurring	*- / 5.635*	*- / 4.641*	*- / 4.759*	*- / 2.846*	*- / -*	*- / 2.846*	*- / 2.903*	*- / 2.962*	*- / -*	*- / -*	*Continuing*	*Continuing*
Subtotal: VB034 SSBN MODERNIZATION TECH INSERTION OHIO CLASS	*3 / 5.635*	*2 / 4.641*	*2 / 4.759*	*1 / 2.846*	*- / -*	*1 / 2.846*	*1 / 2.903*	*1 / 2.962*	*- / -*	*- / -*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 5.635*	*- / 4.641*	*- / 4.759*	*- / 2.846*	*- / -*	*- / 2.846*	*- / 2.903*	*- / 2.962*	*- / -*	*- / -*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: VB034 SSBN MODERNIZATION TECH INSERTION OHIO CLASS	- / 4.045	- / 12.094	- / 9.111	- / 9.314	- / 0.000	- / 9.314	- / 4.762	- / 4.868	- / 4.966	- / 0.000	- / 0.000	- / 49.160
Subtotal: Installation	*- / 4.045*	*- / 12.094*	*- / 9.111*	*- / 9.314*	*- / -*	*- / 9.314*	*- / 4.762*	*- / 4.868*	*- / 4.966*	*- / -*	*- / 0.000*	*- / 49.160*
Total												
Total Cost (Procurement + Support + Installation)	**9.680**	**16.735**	**13.870**	**12.160**	**0.000**	**12.160**	**7.665**	**7.830**	**4.966**	**0.000**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 1 / VB034 SSBN MODERNIZATION TECH INSERTION OHIO CLASS

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

Modification Item 1 of 1: VB034 SSBN MODERNIZATION TECH INSERTION OHIO CLASS

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	Jan 2025	Jan 2026	Jan 2027	Jan 2028	Jan 2029		
Delivery Dates	Jul 2026	Jul 2027	Jul 2028	Jul 2029	Jan 2030		

Installation Information

Method of Implementation: AIT:: Installation Name: 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 / 4.045	3 / 12.094	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 16.139
FY 2025	- / -	- / -	2 / 9.111	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	2 / 9.111
FY 2026	- / -	- / -	- / -	2 / 9.314	0 / 0.000	2 / 9.314	- / -	- / -	- / -	- / -	0 / 0.000	2 / 9.314
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.762	- / -	- / -	- / -	0 / 0.000	1 / 4.762
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.868	- / -	- / -	0 / 0.000	1 / 4.868
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 4.966	- / -	0 / 0.000	1 / 4.966
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	0 / 4.045	3 / 12.094	2 / 9.111	2 / 9.314	0 / 0.000	2 / 9.314	1 / 4.762	1 / 4.868	1 / 4.966	- / -	0 / 0.000	10 / 49.160

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	-	-	-	2	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	10
Out	-	-	-	-	3	-	-	-	2	-	-	-	2	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	10

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 2 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS
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)*	54.158	6.238	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	54.158	6.238	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**54.158**	**6.238**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**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:
This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 2 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS	**Modification Type:** UPGRADE	**Related RDT&E PEs:** 0604562N

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: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic	9 / 23.711	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	Continuing	Continuing
Subtotal: Recurring	*- / 23.711*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*Continuing*	*Continuing*
Subtotal: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS	*9 / 23.711*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 23.711*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS	- / 30.447	- / 6.238	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 36.685
Subtotal: Installation	*- / 30.447*	*- / 6.238*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 36.685*
Total												
Total Cost (Procurement + Support + Installation)	**54.158**	**6.238**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 2 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN21 CLASS

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: AIT:: Installation Name: 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	8 / 30.447	1 / 6.238	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	9 / 36.685
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	8 / 30.447	1 / 6.238	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	9 / 36.685

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	8	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
Out	8	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 3 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS
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)*	368.141	4.465	0.000	6.690	0.000	6.690	16.365	9.755	10.649	18.845	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	368.141	4.465	0.000	6.690	0.000	6.690	16.365	9.755	10.649	18.845	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**368.141**	**4.465**	**0.000**	**6.690**	**0.000**	**6.690**	**16.365**	**9.755**	**10.649**	**18.845**	**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:
This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 3 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS	**Modification Type:** UPGRADE	**Related RDT&E PEs:** 0604562N

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: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic	63 / 180.937	- / -	- / -	2 / 6.690	- / -	2 / 6.690	2 / 6.824	- / -	3 / 10.649	1 / 3.621	Continuing	Continuing
Subtotal: Recurring	*- / 180.937*	*- / -*	*- / -*	*- / 6.690*	*- / -*	*- / 6.690*	*- / 6.824*	*- / -*	*- / 10.649*	*- / 3.621*	*Continuing*	*Continuing*
Subtotal: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS	*63 / 180.937*	*- / -*	*- / -*	*2 / 6.690*	*- / -*	*2 / 6.690*	*2 / 6.824*	*- / -*	*3 / 10.649*	*1 / 3.621*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 180.937*	*- / -*	*- / -*	*- / 6.690*	*- / -*	*- / 6.690*	*- / 6.824*	*- / -*	*- / 10.649*	*- / 3.621*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS	- / 187.204	- / 4.465	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 9.541	- / 9.755	- / 0.000	- / 15.224	- / 5.176	- / 231.365
Subtotal: Installation	*- / 187.204*	*- / 4.465*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 9.541*	*- / 9.755*	*- / -*	*- / 15.224*	*- / 5.176*	*- / 231.365*
Total												
Total Cost (Procurement + Support + Installation)	**368.141**	**4.465**	**0.000**	**6.690**	**0.000**	**6.690**	**16.365**	**9.755**	**10.649**	**18.845**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 3 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS

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

Modification Item 1 of 1: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN688 CLASS

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			Jan 2027	Jan 2028		Jan 2030	Jan 2031
Delivery Dates			Jul 2028	Jul 2029		Jul 2031	Jul 2032

Installation Information

Method of Implementation: AIT:: Installation Name: 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	62 / 187.204	1 / 4.465	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	63 / 191.669
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	2 / 9.541	- / -	- / -	- / -	0 / 0.000	2 / 9.541
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 9.755	- / -	- / -	0 / 0.000	2 / 9.755
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 15.224	0 / 0.000	3 / 15.224
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 5.176	1 / 5.176
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	62 / 187.204	1 / 4.465	- / -	- / -	- / -	- / -	2 / 9.541	2 / 9.755	- / -	3 / 15.224	1 / 5.176	71 / 231.365

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	62	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	3	1	71
Out	62	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	3	1	71

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 4 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS
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)*	161.663	10.656	12.787	12.572	0.000	12.572	11.024	20.006	8.937	0.000	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	161.663	10.656	12.787	12.572	0.000	12.572	11.024	20.006	8.937	0.000	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**161.663**	**10.656**	**12.787**	**12.572**	**0.000**	**12.572**	**11.024**	**20.006**	**8.937**	**0.000**	**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:
This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 4 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS	**Modification Type:** UPGRADE	**Related RDT&E PEs:** 0604562N

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: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic	21 / 122.223	- / -	3 / 12.787	- / -	- / -	- / -	2 / 11.024	2 / 11.244	- / -	- / -	Continuing	Continuing
Subtotal: Recurring	*- / 122.223*	*- / -*	*- / 12.787*	*- / -*	*- / -*	*- / -*	*- / 11.024*	*- / 11.244*	*- / -*	*- / -*	*Continuing*	*Continuing*
Subtotal: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS	*21 / 122.223*	*- / -*	*3 / 12.787*	*- / -*	*- / -*	*- / -*	*2 / 11.024*	*2 / 11.244*	*- / -*	*- / -*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 122.223*	*- / -*	*- / 12.787*	*- / -*	*- / -*	*- / -*	*- / 11.024*	*- / 11.244*	*- / -*	*- / -*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS	- / 39.440	- / 10.656	- / 0.000	- / 12.572	- / 0.000	- / 12.572	- / 0.000	- / 8.762	- / 8.937	- / 0.000	- / 0.000	- / 80.367
Subtotal: Installation	*- / 39.440*	*- / 10.656*	*- / -*	*- / 12.572*	*- / -*	*- / 12.572*	*- / -*	*- / 8.762*	*- / 8.937*	*- / -*	*- / 0.000*	*- / 80.367*
Total												
Total Cost (Procurement + Support + Installation)	**161.663**	**10.656**	**12.787**	**12.572**	**0.000**	**12.572**	**11.024**	**20.006**	**8.937**	**0.000**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 4 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS

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

Modification Item 1 of 1: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS

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		Jan 2026		Jan 2028	Jan 2029		
Delivery Dates		Jul 2027		Jul 2029	Jul 2030		

Installation Information

Method of Implementation: AIT:: Installation Name: 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 / 39.440	3 / 10.656	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	21 / 50.096
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	3 / 12.572	0 / 0.000	3 / 12.572	- / -	- / -	- / -	- / -	0 / 0.000	3 / 12.572
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 8.762	- / -	- / -	0 / 0.000	2 / 8.762
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 8.937	- / -	0 / 0.000	2 / 8.937
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	18 / 39.440	3 / 10.656	- / -	3 / 12.572	0 / 0.000	3 / 12.572	- / -	2 / 8.762	2 / 8.937	- / -	0 / 0.000	28 / 80.367

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	-	-	-	3	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	28
Out	18	-	-	-	3	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	28

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 5 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS W/ CWL

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)*	79.125	38.394	27.173	26.151	0.000	26.151	22.422	38.083	51.394	74.934	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	79.125	38.394	27.173	26.151	0.000	26.151	22.422	38.083	51.394	74.934	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**79.125**	**38.394**	**27.173**	**26.151**	**0.000**	**26.151**	**22.422**	**38.083**	**51.394**	**74.934**	**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:

This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software and Common Weapon Launcher (CWL).

SSN774 Class w/ CWL costs are greater than the costs for SSN774 Class (without CWL) due to the fact that CWL brings additional weapon launch interface hardware that allows AN/BYG-1 to communicate with the weapon launchers and the weapons. The CWL hardware requires additional ship alterations, installation procedures, installation verification procedures, cabling, and manpower.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 5 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS W/ CWL
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**
Models of Systems Affected: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS W/ CWL	**Modification Type:** UPGRADE	**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: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS W/CWL												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic	7 / 61.606	3 / 25.191	1 / 9.886	2 / 20.262	- / -	2 / 20.262	1 / 10.383	3 / 31.930	3 / 32.568	5 / 55.637	Continuing	Continuing
Subtotal: Recurring	*- / 61.606*	*- / 25.191*	*- / 9.886*	*- / 20.262*	*- / -*	*- / 20.262*	*- / 10.383*	*- / 31.930*	*- / 32.568*	*- / 55.637*	*Continuing*	*Continuing*
Subtotal: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS W/CWL	*7 / 61.606*	*3 / 25.191*	*1 / 9.886*	*2 / 20.262*	*- / -*	*2 / 20.262*	*1 / 10.383*	*3 / 31.930*	*3 / 32.568*	*5 / 55.637*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 61.606*	*- / 25.191*	*- / 9.886*	*- / 20.262*	*- / -*	*- / 20.262*	*- / 10.383*	*- / 31.930*	*- / 32.568*	*- / 55.637*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS W/CWL	- / 17.519	- / 13.203	- / 17.287	- / 5.889	- / 0.000	- / 5.889	- / 12.039	- / 6.153	- / 18.826	- / 19.297	- / 32.805	- / 143.018
Subtotal: Installation	*- / 17.519*	*- / 13.203*	*- / 17.287*	*- / 5.889*	*- / -*	*- / 5.889*	*- / 12.039*	*- / 6.153*	*- / 18.826*	*- / 19.297*	*- / 32.805*	*- / 143.018*
Total												
Total Cost (Procurement + Support + Installation)	**79.125**	**38.394**	**27.173**	**26.151**	**0.000**	**26.151**	**22.422**	**38.083**	**51.394**	**74.934**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 5 / VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS W/ CWL
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: VB034 UPGRADES FROM TI04 AND OUT BASELINE SSN774 CLASS W/CWL

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	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: 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	4 / 17.519	3 / 13.203	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	7 / 30.722
FY 2025	- / -	- / -	3 / 17.287	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	3 / 17.287
FY 2026	- / -	- / -	- / -	1 / 5.889	0 / 0.000	1 / 5.889	- / -	- / -	- / -	- / -	0 / 0.000	1 / 5.889
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	2 / 12.039	- / -	- / -	- / -	0 / 0.000	2 / 12.039
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 6.153	- / -	- / -	0 / 0.000	1 / 6.153
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 18.826	- / -	0 / 0.000	3 / 18.826
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	3 / 19.297	0 / 0.000	3 / 19.297
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	5 / 32.805	5 / 32.805
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	4 / 17.519	3 / 13.203	3 / 17.287	1 / 5.889	0 / 0.000	1 / 5.889	2 / 12.039	1 / 6.153	3 / 18.826	3 / 19.297	5 / 32.805	25 / 143.018

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	4	-	-	-	3	-	-	-	3	-	-	-	1	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	3	5	25
Out	4	-	-	-	3	-	-	-	3	-	-	-	1	-	-	-	2	-	-	-	1	-	-	-	3	-	-	-	3	5	25

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 6 / VB034 SSBN MODERNIZATION TECH INSERTION COLUMBIA CLASS
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	8.610	5.199	0.000	5.199	0.000	10.643	17.131	17.559	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	0.000	8.610	5.199	0.000	5.199	0.000	10.643	17.131	17.559	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**0.000**	**8.610**	**5.199**	**0.000**	**5.199**	**0.000**	**10.643**	**17.131**	**17.559**	**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:
This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 6 / VB034 SSBN MODERNIZATION TECH INSERTION COLUMBIA CLASS
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: VB034 SSBN MODERNIZATION TECH INSERTION COLUMBIA CLASS	**Modification Type:** UPGRADE	**Related RDT&E PEs:** 0604562N

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: VB034 SSBN MODERNIZATION TECH INSERTION COLUMBIA CLASS												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic	- / -	- / -	1 / 8.610	- / -	- / -	- / -	- / -	1 / 10.643	1 / 10.856	1 / 11.127	Continuing	Continuing
Subtotal: Recurring	*- / 0.000*	*- / -*	*- / 8.610*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 10.643*	*- / 10.856*	*- / 11.127*	*Continuing*	*Continuing*
Subtotal: VB034 SSBN MODERNIZATION TECH INSERTION COLUMBIA CLASS	*- / -*	*- / -*	*1 / 8.610*	*- / -*	*- / -*	*- / -*	*- / -*	*1 / 10.643*	*1 / 10.856*	*1 / 11.127*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 0.000*	*- / -*	*- / 8.610*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 10.643*	*- / 10.856*	*- / 11.127*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: VB034 SSBN MODERNIZATION TECH INSERTION COLUMBIA CLASS	- / 0.000	- / 0.000	- / 0.000	- / 5.199	- / 0.000	- / 5.199	- / 0.000	- / 0.000	- / 6.275	- / 6.432	- / 6.561	- / 24.467
Subtotal: Installation	*- / 0.000*	*- / -*	*- / -*	*- / 5.199*	*- / -*	*- / 5.199*	*- / -*	*- / -*	*- / 6.275*	*- / 6.432*	*- / 6.561*	*- / 24.467*
Total												
Total Cost (Procurement + Support + Installation)	**0.000**	**0.000**	**8.610**	**5.199**	**0.000**	**5.199**	**0.000**	**10.643**	**17.131**	**17.559**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 6 / VB034 SSBN MODERNIZATION TECH INSERTION COLUMBIA CLASS
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: VB034 SSBN MODERNIZATION TECH INSERTION COLUMBIA CLASS

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		Jan 2026			Jan 2029	Jan 2030	Jan 2031
Delivery Dates		Jul 2027			Jul 2030	Jul 2031	Jul 2032

Installation Information

Method of Implementation: AIT:: Installation Name: 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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	1 / 5.199	0 / 0.000	1 / 5.199	- / -	- / -	- / -	- / -	0 / 0.000	1 / 5.199
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 6.275	- / -	0 / 0.000	1 / 6.275
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 6.432	0 / 0.000	1 / 6.432
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 6.561	1 / 6.561
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	- / -	1 / 5.199	0 / 0.000	1 / 5.199	- / -	- / -	1 / 6.275	1 / 6.432	1 / 6.561	4 / 24.467

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	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	4
Out	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	4

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 7 / VB034 SSN774 BLK V AND OUT W/ CWL TECH INSERT- PSA INSTALL
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	8.397	5.762	30.630	0.000	30.630	49.229	50.415	51.491	52.592	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	8.397	5.762	30.630	0.000	30.630	49.229	50.415	51.491	52.592	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**8.397**	**5.762**	**30.630**	**0.000**	**30.630**	**49.229**	**50.415**	**51.491**	**52.592**	**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:

This program will provide submarine combat control systems with COTS-based upgrades to combat control and tactical control hardware and software.
SSN 774 BLK V w/CWL installations costs during a PSA are greater due to increased costs incurred for shipyard services, additional industrial work scheduling and installation efforts, increased installation verification efforts, and additional certification workload.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 7 / VB034 SSN774 BLK V AND OUT W/ CWL TECH INSERT- PSA INSTALL
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: VB034 SSN774 BLK V AND OUT W/ CWL TECH INSERT- PSA INSTALL	**Modification Type:** UPGRADE	**Related RDT&E PEs:** 0604562N

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: VB034 SSN774 BLK V AND OUT W/ CWL TECH INSERT- PSA INSTALL												
B Kits												
Recurring												
1.1.1) EQUIPMENT - NonOrganic (10)	- / -	1 / 8.397	- / -	2 / 30.630	- / -	2 / 30.630	2 / 31.394	2 / 32.179	2 / 32.877	2 / 33.591	Continuing	Continuing
Subtotal: Recurring	*- / 0.000*	*- / 8.397*	*- / -*	*- / 30.630*	*- / -*	*- / 30.630*	*- / 31.394*	*- / 32.179*	*- / 32.877*	*- / 33.591*	*Continuing*	*Continuing*
Subtotal: VB034 SSN774 BLK V AND OUT W/ CWL TECH INSERT- PSA INSTALL	*- / -*	*1 / 8.397*	*- / -*	*2 / 30.630*	*- / -*	*2 / 30.630*	*2 / 31.394*	*2 / 32.179*	*2 / 32.877*	*2 / 33.591*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 0.000*	*- / 8.397*	*- / -*	*- / 30.630*	*- / -*	*- / 30.630*	*- / 31.394*	*- / 32.179*	*- / 32.877*	*- / 33.591*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: VB034 SSN774 BLK V AND OUT W/ CWL TECH INSERT- PSA INSTALL	- / 0.000	- / 0.000	- / 5.762	- / 0.000	- / 0.000	- / 0.000	- / 17.835	- / 18.236	- / 18.614	- / 19.001	- / 19.381	- / 98.829
Subtotal: Installation	*- / 0.000*	*- / -*	*- / 5.762*	*- / -*	*- / -*	*- / -*	*- / 17.835*	*- / 18.236*	*- / 18.614*	*- / 19.001*	*- / 19.381*	*- / 98.829*
Total												
Total Cost (Procurement + Support + Installation)	**0.000**	**8.397**	**5.762**	**30.630**	**0.000**	**30.630**	**49.229**	**50.415**	**51.491**	**52.592**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5420 / SSN Combat Control Systems	**Modification Number / Title:** 7 / VB034 SSN774 BLK V AND OUT W/ CWL TECH INSERT- PSA INSTALL
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: VB034 SSN774 BLK V AND OUT W/ CWL TECH INSERT- PSA INSTALL

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

Installation Information

Method of Implementation: AIT:: Installation Name: 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	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2025	- / -	- / -	1 / 5.762	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	1 / 5.762
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	2 / 17.835	- / -	- / -	- / -	0 / 0.000	2 / 17.835
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 18.236	- / -	- / -	0 / 0.000	2 / 18.236
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 18.614	- / -	0 / 0.000	2 / 18.614
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 19.001	0 / 0.000	2 / 19.001
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	2 / 19.381	2 / 19.381
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	- / -	- / -	1 / 5.762	- / -	- / -	- / -	2 / 17.835	2 / 18.236	2 / 18.614	2 / 19.001	2 / 19.381	11 / 98.829

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	-	-	-	2	-	-	-	2	-	-	-	2	2	11
Out	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	2	-	-	-	2	2	11

Footnotes:

(10) FY 2027 funding increased for VB034 SSN 774 Blk V and Out with CWL Tech Insert - PSA due to the increase in procurements from 0 in FY26 to 2 in FY27. Unit cost and installation cost increases are to account for the second CWL on the VPM hulls.

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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 04: Ordnance Support Equipment / BSA 5: ASW Support Equipment	**P-1 Line Item Number / Title:** 5429 / ASW 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)*	256.528	25.362	25.721	25.105	0.000	25.105	27.150	27.631	28.157	28.713	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	256.528	25.362	25.721	25.105	0.000	25.105	27.150	27.631	28.157	28.713	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**256.528**	**25.362**	**25.721**	**25.105**	**0.000**	**25.105**	**27.150**	**27.631**	**28.157**	**28.713**	**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 Line Item (BLI) consists of three separate and distinct programs, the Submarine Weapons Launching and Handling Support Equipment program, the Surface ASW Support Equipment program, and the ASW Range Support Equipment program.

SUBMARINE WEAPONS LAUNCHING AND HANDLING SUPPORT EQUIPMENT (Cost Codes VC000/VC830/VC5IN): Funding for modifications and improvements to SSN 688, SSBN 726 and SSN 21 classes Attack and Ballistic Missile Submarine weapons launching, stowage and shipping systems, torpedo tube system components and torpedo tube test equipment. These requirements arise as a result of the introduction of new or modified weapons, devices, and sensors and their subsequent evaluation test and operational use. Also procured are reliability, maintainability, functional and safety modifications and tactical improvements resulting from operational use experience. This funding also provides management services required for installations.

SURFACE ASW SUPPORT EQUIPMENT (Cost Codes VC008/VC009/VC900/VC6IN/VC010): Funding provides for the procurement and fielding of safety modifications through the Ordnance Alteration (ORDALT) process to Anti-Submarine Warfare (ASW) Fire Control, Surface Vessel Torpedo Tube (SVTT), and related ASW Fire Control/SVTT support and test equipment to maintain the current performance envelope. ORDALT procurements are highly variable and dependent on shipboard configurations and equipment age. Included in this line item are all related procurements for training and simulation equipment required for the continued operation of this equipment. Modification requirements arise based on Reliability, Maintainability and Availability (RM&A) metrics and as a result of evaluation, testing, and Fleet use of existing, new, or modified ASW weapons and/or related systems and subsystems. Funding also provides for the upgrade of a major subsystem of the SVTT, the MK 432 Test Set Torpedo Presetter (TSTP), which provides the Fleet the capability to simulate presetting, mode, and launch verification by emulating all surface lightweight torpedo types and is also employed as an enhanced troubleshooting tool during launcher, Undersea Warfare (USW) Fire Control, and system casualty events. Funding also provides for the fielding of the next generation AN/UQN-10 Sonar Sounding Set Fathometer as a Commercial-Off-The-Shelf (COTS) retrofit/replacement of legacy AN/UQN-4/4A systems on Destroyer (DDG51 Class), Aircraft Carrier (CVN Class), and Amphibious (LHA, LHD, LPD, LSD, LCC) platforms, and also the non-recurring engineering (NRE) effort required to upgrade acoustic communications and convert non-program of record fathometers and transducers employed on Littoral Combat Ship (LCS) and DDG1000 platforms to the common program of record AN/UQN-10 Sonar Sounding Set Fathometer and TR-355 transducer.

ASW RANGE SUPPORT EQUIPMENT (Cost Codes VC001/VC002/VC003/VC004/VC005/VC831/VC832/VC851/VC970): ASW range support equipment 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), High-Speed Maneuverable Surface Target - Streamline (HSMST-s), Seaborne Powered Target (SEPTAR) and Fast Attack Craft Target (FACT). Towed surface targets include the Low-Cost Modular Target (LCMT) and Polyethylene Tow Target (PETT). Funding is also for the procurement of underwater tracking and shore equipment, Test and Evaluation (T&E), acoustic trial range equipment, and weapon system and test equipment. Equipment procured includes instrumentation for U.S. Fleet Operational Readiness Accuracy Check Sites (FORACS) Program, equipment required to conduct fleet exercises at fixed and portable ranges for the Underwater

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: ASW Support Equipment	P-1 Line Item Number / Title: 5429 / ASW 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		

Tracking Range Equipment (UTRE)/Pinger Program, and equipment for the Surface Ship Radiated Noise Measurement (SSRNM) Program. Training and T&E ranges include Southern California Offshore Range (SCORE), Barking Sands Tactical Underwater Range/Barking Sands Underwater Range Extension (BARSTUR/BSURE), Jacksonville Shallow Water Training Range (JSWTR), Atlantic Underwater Test and Evaluation Center (AUTEC), Pacific Northwest Range Complex (Dabob/Nanoose ranges operated by Naval Undersea Warfare Center Division Keyport, Washington). Undersea Tracking Range Equipment includes MK 84 pingers used for participant tracking on instrumented ranges. FORACS ranges include AUTEC, San Clemente Island, California, and deployed portable testing. Funding lines associated with replenishment spares N96 JCR6C ASW Support Equipment - SSRNM (J5429) for the FORACS and SSRNM programs and N94 JCR6C ASW Support Equipment (J5429) for the UTRE program.

See the following for a description of all P-40a and P-3a cost items that comprise this budget:

[P40A / VC000 - SUB WEAPONS LAUNCH/HANDLING SUPPORT]: VC000 - SUB WEAPONS LAUNCH/HANDLING SUPPORT
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), and Weapons Stowage and Handling Systems (WSHS). Development efforts under this item number include Engineering Change Proposals (ECP), ORDALTs, Type Zero (TZ) kits and Test Equipment and alteration material procurement to correct significant deficiencies in equipment affecting personnel safety, ship safety and system performance.

[P40A / VC830 - PRODUCTION ENGINEERING]: VC830 - PRODUCTION ENGINEERING
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 / VC5IN O/A INSTALLATION]: VC5IN O/A 18000 INSTALL
Installing agents will be various Naval Shipyards and contractors. Contracted installations require funding for management of installations during the availabilities. All installations will be on SSBN and SSN688/21 Class Submarines.

[P40A - 2 / SURFACE ASW SUPPORT EQUIPMENT]: Cost Codes VC008/VC009/VC900/VC6IN:

[P40A - 2 / VC008 - ASWCS FIRE CONTROL ORDALTS]: VC008 Cost Elements/Descriptions as follows:

ASWCS - UCFS/FIRE CONTROL ORDALTs Item Number 1.1: Provides funding for ORDALT kits for the ASW Underwater Control Functional Segment (UCFS), ASW Control System (ASWCS) MK116 Mod 7, Torpedo Setting Panel (MK331), and the Torpedo Pre-Setter Test Set (MK432). This line item also provides material support at multiple land-based laboratories as well as material support for upgrades and calibrations. Procurements will ensure laboratories are at Fleet baseline configurations.

ASWCS - PRODUCTION ENGINEERING SUPPORT Item Number 1.2: Provides the necessary production engineering support funds to cover the associated Integrated Logistics Support (ILS) elements, Engineering Change Proposal (ECP) reviews, Engineering Changes (EC), Ship Change Documents (SCDs), and engineering audits for ASW Fire Control. Reviews and approves internal and external system interfaces (hardware and integration related) and identify interface issues.

ASWCS - ACCEPTANCE TEST & EVALUATION Item Number 1.3: Provides the in-house acceptance test and evaluation funding associated with the safety and quality assurance testing of all ASW Fire Control, Alteration Equivalent to Repairs (AERs), ECPs, ECs, and SCDs.

[P40A - 2 / VC009 - TORPEDO TUBE ORDALTS]: VC009 Cost Elements/Descriptions as follows:

SVTT - MK32 ORDALTS Item Number 2.1: The SVTT MK32 is an over-the-side torpedo defense surface ship launched system that conducts close-in ASW operations. This line provides funding for SVTT MK32 launchers, Torpedo Loading Trays (TLTs), and ancillary equipment for testing, training, and maintainability on select surface ship combatants. ORDALT procurements include: Overheat Sensor Test Set (SVTT MK32 Mod 15 Only - ORDALT 91074); Breech Mechanism Control Valve Redesign (SVTT MK32 All Mods - ORDALT ECP 2061); Training Gear Handcrank Support Improvements (SVTT MK32 Mods 15 Only - ORDALT ECP 2060), and Air Charging Panel Enclosure Redesign (SVTT MK32 MOD 15 Only - ORDALT ECP TBD). Procure SVTT shoresite laboratory equipment for Launcher System Facilities (LSF). LSFs

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: N/A	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: N/A		

are used to simulate shipboard conditions for over-the-side torpedo launchers, as well as for the creation of the required ORDALTs. This line item will also upgrade a major subsystem of the SVTT, the MK 432 Test Set Torpedo Presetter (TSTP).

Note: The MK 432 TSTP provides the Fleet the capability to simulate presetting, mode, and launch verification by emulating all surface lightweight torpedo types and is also employed as an enhanced troubleshooting tool during launcher, Undersea Warfare (USW) Fire Control, and system casualty events. Due to obsolescence issues with the MK 432 TSTP, including display, mechanical steppers, and insufficient Random Access Memory (RAM) for presets, and as driven by enhanced Digital Fire Control Interface (eDFCI) requirements associated with AN/SQQ-89A(V)15 Surface ASW Combat System Advanced Capability Build (ACB) production baselines to ensure continued interoperability between the two systems, the MK 432 TSTP is undergoing a significant ORDALT effort. Goals of the redesigned MK 432 TSTP equipment include upgrade of the microcontroller to have sufficient RAM for eDFCI presets, emulation of Mk 54 Mod 0/1/2 torpedoes, utilization of current Mk 54 circuitry for analog emulation instead of mechanical steppers, migration away from assembly language, and emulation of Recoverable Exercise Torpedoes (REXTORPs) and Exercise Torpedoes (EXTORPs).

SVTT - PRODUCTION ENGINEERING Item Number 2.2: Provides the necessary production engineering support funds to cover the associated Integrated Logistics Support (ILS) elements, Engineering Change Proposal (ECP) reviews, Engineering Changes (EC), SCDs, and engineering audits for SVTT ORDALTs.

SVTT - ACCEPTANCE TEST & EVALUATION Item Number 2.3: Provides the in-house acceptance test and evaluation funding required for the safety and quality assurance testing of all SVTT ORDALTs, Alteration Equivalent to Repairs (AERs), ECPs, ECs, and SCDs.

[P40A - 2 / VC900 - CONSULTING SERVICES]: VC900 Cost Element/Description as Follows:

Item 3.1: Provides the necessary funding for consulting services required to support scheduling of ASW Fire Control and SVTT ORDALT production, test, and installation efforts in conjunction with operation, safety, and environmental requirements.

[P40A - 2 / VC6IN - INSTALLATION OF EQUIPMENT]: VC6IN Cost Element/Description as follows:

Item Numbers 4.1 & 4.2: Funds the installation of all ASW UCFS/Fire Control ORDALTs/SCDs (under Cost Code VC008) and SVTT ORDALTs/SCDs (under Cost Code VC009). Alteration Installation Team (AIT) pier-side installations are variable and contingent on Type Commander (TYCOM), Ships' Scheduling Conference (SSC), and ships' availability.

[P40A - 3 / ASW RANGE SUPPORT EQUIPMENT]: ANTI-SUBMARINE WARFARE (ASW) RANGE SUPPORT EQUIPMENT:

Funding for 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), Seaborne Powered Target (SEPTAR) and Fast Attack Craft Target (FACT). Towed surface targets include the Low-Cost Modular Target (LCMT) and Polyethylene Tow Target (PETT). (Targets)

Funding also provides Surface Ship Radiated Noise Measurement (SSRNM) & US Fleet Operational Readiness Accuracy Check Sites (FORACS) test and evaluation capability for surface ships and submarines; Underwater Tracking Range Equipment (UTRE)/Pinger Program provides tracking equipment for systems, platforms, torpedoes and targets on all Navy Underwater Tracking Ranges, including portable tracking systems supporting test and training events. (S05)

[P40A - 3 / VC001 - Surface Ship Radiated Noise Measurement (SSRNM)/US Fleet Operational Readiness Accuracy Check Sites (FORACS) - N96]: Funding provides for the procurement of range communication systems, ship auto-tracking system, Surface Ship Acoustic Range Equipment, and upgraded ship position tracking system for the Surface Ship Radiated Noise Measurement (SSRNM) and US Fleet Operational Readiness Accuracy Check Sites (FORACS) programs. Funding also provides for improvements, modernizations, and upgrades to systems and equipment. (S05)

[P40A - 3 / VC002 - UNDERWATER TRACKING RANGE EQUIPMENT (UTRE)/Pinger - N94]: Funding provides for the Underwater Tracking Range Equipment (UTRE)/Pinger program for the procurement of underwater tracking equipment for fixed and portable tracking systems, both CONUS and OCONUS, shop special Pinger purpose test equipment, and the associated ancillary hardware required to track

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: ASW Support Equipment	**P-1 Line Item Number / Title:** 5429 / ASW 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		

ships and submarines during Fleet training exercises. Funding provides tracking equipment for systems, platforms, torpedoes and targets on all Navy Underwater Tracking Ranges, including portable tracking systems supporting test and training events for Forward Deployed Naval Forces (FDNF). Funding also provides for improvements, modernizations, and upgrades to systems and equipment through Production Engineering and Product Improvement performed by a field activity or contractor during the production phase of these projects. (S05)

[P40A - 3 / VC003 - TOWED TARGETS]: The Fleet requires low cost expendable towed targets for weapon system T&E and Fleet training. The Low Cost Modular Target (LCMT) and the Polyethylene Tow Target (PETT) are the primary towed targets used to meet these requirements.

[P40A - 3 / VC004 - INSTRUMENTATION]: Seaborne target augmentation systems include transponders (i.e. transmitters/receivers), radar reflectors, Radio Frequency (RF) emitters and Ground Support Equipment (GSE). Various electronic components provide the interface for the target control systems with the control stations/facilities for drone operations. RF emitters and radar reflectors enhance target threat replication and provide the required stimulus for anti-surface/radar weapons systems.

[P40A - 3 / VC005 - HSMST (HIGH SPEED MANEUVERABLE SURFACE TARGET)]: 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.

[P40A - 3 / VC831/2 - PRODUCTION ENGINEERING]: Funding provides for Production Engineering performed by a field activity or contractor during the production phase of these projects. (S05) & (Ships) S05 Product engineering requirements have been realigned to Cost Code VC002 - UNDERWATER TRACKING RANGE EQUIPMENT (UTRE)/Pinger.

[P40A - 3 / VC851 - PRODUCT IMPROVEMENT]: Funding provides for Product Improvement performed by a field activity or contractor during the production phase of these projects. Product improvement requirements have been realigned to Cost Code VC002 - UNDERWATER TRACKING RANGE EQUIPMENT (UTRE)/Pinger. (S05)

[P40A - 3 / VC970 - INTEGRATED LOGISTICS SUPPORT]: Funding provides for logistics spares and repair parts.

[P3A / VC010 - AN/UQN-10 SONAR SOUNDING SET FATHOMETER]: Funding provides for the fielding of the next generation AN/UQN-10 Sonar Sounding Set Fathometer as a Commercial-Off-The-Shelf (COTS) retrofit/replacement of legacy AN/UQN-4/4A systems on Destroyer (DDG51 Class), Aircraft Carrier (CVN Class), and Amphibious (LHA, LHD, LPD, LSD, LCC) platforms. This program will also finance the non-recurring engineering (NRE) required to upgrade acoustic communications and convert the non-program of record fathometers and transducers employed on Littoral Combat Ship (LCS) and DDG1000 platforms to the common program of record AN/UQN-10 Sonar Sounding Set Fathometer and TR-355 transducer. Retrofit of legacy AN/UQN-4/4A systems is required to increase Reliability, Maintainability & Availability (RM&A) metrics, increase overall Sonar Sounding Set Fathometer system Operational Availability (Ao), eliminate obsolescence issues and reduce supportability costs. AN/UQN-10 Sonar Sounding Set Fathometer replacement/retrofit efforts include the establishment of Integrated Logistics Support (ILS) elements and engineering test procedures, qualification and acceptance testing, procurement, and installation of systems via Alteration Installation Team (AIT). The AN/UQN-10 provides a means of measuring the depth of water below the ships keel to the ocean bottom. The AN/UQN-10 performs depth sounding functions, while providing visual depth indication and recording capabilities, for measured water depths to a maximum depth of more than 7000 meters. Real-time depth information is displayed in digital readout and graphic display formats with internal depth data logging capability available for playback and use in reconstruction efforts. The AN/UQN-10 is a drop-in replacement of the legacy AN/UQN-4/4A system, designed specifically to communicate with the same shipboard system interfaces and to utilize the same TR-355 series transducer as the legacy AN/UQN-4/4A. The AN/UQN-10 employs touch screen control, new digital remote depth indicators, and a new EchoSim signal simulator.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 5: ASW Support Equipment	**P-1 Line Item Number / Title:** 5429 / ASW 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	SUB WEAPONS LAUNCHING/HANDLING SUPPORT EQUIPMENT				- / 20.303	- / -	- / -	- / -	- / -	- / -
P-40a	SURFACE ASW SUPPORT EQUIPMENT				- / 40.786	- / 5.664	- / 5.773	- / 6.192	- / -	- / 6.192
P-40a	ASW RANGE SUPPORT EQUIPMENT	P-5a			- / 180.473	- / 18.095	- / 18.317	- / 18.199	- / -	- / 18.199
P-3a	1 / VC010 - AN/UQN-10 SONAR SOUNDING SET FATHOMETER (Warfighting Capability)				- / 14.966	- / 1.603	- / 1.631	- / 0.714	- / 0.000	- / 0.714
P-40	**Total Gross/Weapon System Cost**				**- / 256.528**	**- / 25.362**	**- / 25.721**	**- / 25.105**	**- / 0.000**	**- / 25.105**

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	SUB WEAPONS LAUNCHING/HANDLING SUPPORT EQUIPMENT				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	SURFACE ASW SUPPORT EQUIPMENT				- / -	- / -	- / -	- / -	- / -	- / -
P-40a	ASW RANGE SUPPORT EQUIPMENT	P-5a			- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / VC010 - AN/UQN-10 SONAR SOUNDING SET FATHOMETER (Warfighting Capability)				- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 18.914
P-40	**Total Gross/Weapon System Cost**				**- / 27.150**	**- / 27.631**	**- / 28.157**	**- / 28.713**	**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 / 04 / 5	**P-1 Line Item Number / Title:** 5429 / ASW Support Equipment	**Aggregated Items Title:** SUB WEAPONS LAUNCHING/ HANDLING SUPPORT EQUIPMENT (1)

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) VC000 - SUB WEAPONS LAUNCH/HANDLING SUPPORT																				
1.1) 2J COG MATERIAL	A		-	-	0.678	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) TT/TEP/ICL/ WSHS	A		-	-	6.284	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) VC000 - SUB WEAPONS LAUNCH/HANDLING SUPPORT			**-**	**-**	***6.962***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) VC000 ORDALT PROCUREMENT																				
2.1) O/A MATERIAL	A		50,000.00	26	1.300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 2) VC000 ORDALT PROCUREMENT			**-**	**-**	***1.300***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
3) VC000 - TEST EQUIPMENT																				
3.1) BORE GAGE	A		-	-	0.131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) MISC. TEST EQUIPMENT	A		-	-	0.573	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) TEST FACILITY EQUIPMENT	A		-	-	0.637	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) VC000 - TEST EQUIPMENT			**-**	**-**	***1.341***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) VC830 - PRODUCTION ENGINEERING																				
4.1) PRODUCTION ENGINEERING	A		-	-	1.200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) VC830 - PRODUCTION ENGINEERING			**-**	**-**	***1.200***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5) VC5IN - ORDALT INSTALLATION																				
5.1) VC5IN O/A INSTALLATION	A		-	-	9.500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 5) VC5IN - ORDALT INSTALLATION			**-**	**-**	***9.500***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**20.303**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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

Footnotes:

(1) This line item procures modifications and improvements to Attack and Ballistic Missile Submarine fire control interface systems, torpedo tube system components and torpedo tube test equipment. These requirements arise as a result of the introduction of new or modified weapons and sensors and their subsequent evaluation test and operational use. Also procured are reliability, maintainability, functional and safety modifications and tactical improvements resulting from operational use experience.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5429 / ASW Support Equipment	**Aggregated Items Title:** SURFACE ASW 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) VC008 - ASWCS FIRE CONTROL ORDALTS																				
1.1) ASWCS - UCFS/ FIRE CONTROL ORDALTS			-	-	17.237	-	-	1.884	-	-	1.922	-	-	1.960	-	-	-	-	-	1.960
1.2) ASWCS - PRODUCTION ENGINEERING SUPPORT			-	-	0.938	-	-	0.105	-	-	0.107	-	-	0.109	-	-	-	-	-	0.109
1.3) ASWCS - ACCEPTANCE TEST & EVALUATION			-	-	0.528	-	-	0.058	-	-	0.059	-	-	0.060	-	-	-	-	-	0.060
Subtotal: 1) VC008 - ASWCS FIRE CONTROL ORDALTS			**-**	**-**	***18.703***	**-**	**-**	***2.047***	**-**	**-**	***2.088***	**-**	**-**	***2.129***	**-**	**-**	**-**	**-**	**-**	***2.129***
2) VC009 - TORPEDO TUBE ORDALTS																				
2.1) SVTT - MK32 ORDALTS (2)			-	-	17.482	-	-	3.116	-	-	3.175	-	-	3.544	-	-	-	-	-	3.544
2.2) SVTT - PRODUCTION ENGINEERING SUPPORT			-	-	0.934	-	-	0.105	-	-	0.107	-	-	0.109	-	-	-	-	-	0.109
2.3) SVTT - ACCEPTANCE TEST & EVALUATION			-	-	0.528	-	-	0.058	-	-	0.059	-	-	0.060	-	-	-	-	-	0.060
Subtotal: 2) VC009 - TORPEDO TUBE ORDALTS			**-**	**-**	***18.944***	**-**	**-**	***3.279***	**-**	**-**	***3.341***	**-**	**-**	***3.713***	**-**	**-**	**-**	**-**	**-**	***3.713***
3) VC900 - CONSULTING SERVICES																				
3.1) CONSULTING SERVICES			-	-	0.969	-	-	0.102	-	-	0.104	-	-	0.106	-	-	-	-	-	0.106
Subtotal: 3) VC900 - CONSULTING SERVICES			**-**	**-**	***0.969***	**-**	**-**	***0.102***	**-**	**-**	***0.104***	**-**	**-**	***0.106***	**-**	**-**	**-**	**-**	**-**	***0.106***
4) VC6IN - INSTALLATION OF EQUIPMENT																				
4.1) ASWCS - UCFS/ FIRE CONTROL ORDALTS			-	-	1.099	-	-	0.118	-	-	0.120	-	-	0.122	-	-	-	-	-	0.122
4.2) SVTT - TORPEDO TUBE ORDALTS			-	-	1.071	-	-	0.118	-	-	0.120	-	-	0.122	-	-	-	-	-	0.122
Subtotal: 4) VC6IN - INSTALLATION OF EQUIPMENT			**-**	**-**	***2.170***	**-**	**-**	***0.236***	**-**	**-**	***0.240***	**-**	**-**	***0.244***	**-**	**-**	**-**	**-**	**-**	***0.244***
Total			**-**	**-**	**40.786**	**-**	**-**	**5.664**	**-**	**-**	**5.773**	**-**	**-**	**6.192**	**-**	**-**	**-**	**-**	**-**	**6.192**

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 / 04 / 5	**P-1 Line Item Number / Title:** 5429 / ASW Support Equipment	**Aggregated Items Title:** SURFACE ASW SUPPORT EQUIPMENT

(2) Item Number 2.1 - SVTT MK32 ORDALTs: The FY 2026 ($3.175M) to FY 2027 ($3.544M) increase represents the additional funding required in FY 2027 to support the upgrade of a major subsystem of the SVTT, the MK 432 Test Set Torpedo Presetter (TSTP). The MK 432 TSTP provides the Fleet the capability to simulate presetting, mode, and launch verification by emulating all surface lightweight torpedo types and is also employed as an enhanced troubleshooting tool during launcher, Undersea Warfare (USW) Fire Control, and system casualty events. Due to obsolescence issues with the MK 432 TSTP, including display, mechanical steppers, and insufficient Random Access Memory (RAM) for presets, and as driven by enhanced Digital Fire Control Interface (eDFCI) requirements associated with AN/SQQ-89A(V)15 Surface ASW Combat System Advanced Capability Build (ACB) production baselines to ensure continued interoperability between the two systems, the MK 432 TSTP is undergoing a significant ORDALT effort. Goals of the redesigned MK 432 TSTP equipment include upgrade of the microcontroller to have sufficient RAM for eDFCI presets, emulation of Mk 54 Mod 0/1/2 torpedoes, utilization of current Mk 54 circuitry for analog emulation instead of mechanical steppers, migration away from assembly language, and emulation of Recoverable Exercise Torpedoes (REXTORPs) and Exercise Torpedoes (EXTORPs).

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5429 / ASW Support Equipment	**Aggregated Items Title:** ASW RANGE 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) VC001 - Surface Ship Radiated Noise Measurement (SSRNM)/US Fleet Operational Readiness Acc																				
1.1) VC001 - SSRNM/ US FORACS (S05)	A		-	-	26.883	-	-	3.181	-	-	3.241	-	-	3.024	-	-	-	-	-	3.024
Subtotal: 1) VC001 - Surface Ship Radiated Noise Measurement (SSRNM)/US Fleet Operational Readiness Acc			**-**	**-**	***26.883***	**-**	**-**	***3.181***	**-**	**-**	***3.241***	**-**	**-**	***3.024***	**-**	**-**	**-**	**-**	**-**	***3.024***
2) VC002 - UNDERWATER TRACKING RANGE EQUIPMENT (UTRE)/Pinger - N94																				
2.1) VC002 - UTRE (S05)	A		-	-	38.260	-	-	2.817	-	-	2.647	-	-	2.469	-	-	-	-	-	2.469
Subtotal: 2) VC002 - UNDERWATER TRACKING RANGE EQUIPMENT (UTRE)/Pinger - N94			**-**	**-**	***38.260***	**-**	**-**	***2.817***	**-**	**-**	***2.647***	**-**	**-**	***2.469***	**-**	**-**	**-**	**-**	**-**	***2.469***
3) VC003 - TOWED TARGETS																				
3.1) VC003 - TOWED TARGETS (USC)	A		-	-	10.061	-	-	1.064	-	-	1.098	-	-	1.709	-	-	-	-	-	1.709
Subtotal: 3) VC003 - TOWED TARGETS			**-**	**-**	***10.061***	**-**	**-**	***1.064***	**-**	**-**	***1.098***	**-**	**-**	***1.709***	**-**	**-**	**-**	**-**	**-**	***1.709***
4) VC004 - INSTRUMENTATION																				
4.1) VC004 - INSTRUMENTATION (USC)	A		-	-	1.705	-	-	0.200	-	-	0.201	-	-	0.201	-	-	-	-	-	0.201
Subtotal: 4) VC004 - INSTRUMENTATION			**-**	**-**	***1.705***	**-**	**-**	***0.200***	**-**	**-**	***0.201***	**-**	**-**	***0.201***	**-**	**-**	**-**	**-**	**-**	***0.201***
5) VC005 - HSMST (HIGH SPEED MANEUVERABLE SURFACE TARGET)																				
5.1) VC005 - HSMST (USC) [(3)(†)]	A		201,448.89	450	90.652	224,444.44	45	10.100	231,044.44	45	10.397	223,622.22	45	10.063	-	-	-	223,622.22	45	10.063
Subtotal: 5) VC005 - HSMST (HIGH SPEED MANEUVERABLE SURFACE TARGET)			**-**	**-**	***90.652***	**-**	**-**	***10.100***	**-**	**-**	***10.397***	**-**	**-**	***10.063***	**-**	**-**	**-**	**-**	**-**	***10.063***
6) VC831/2 - PRODUCTION ENGINEERING																				
6.1) VC831 - PRODUCTION ENGINEERING UTRE - N94/US FORACS - N96 (S05)	A		-	-	3.349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6.2) VC832 - PRODUCTION ENGINEERING (USC)	A		-	-	4.704	-	-	0.537	-	-	0.533	-	-	0.533	-	-	-	-	-	0.533
Subtotal: 6) VC831/2 - PRODUCTION ENGINEERING			**-**	**-**	***8.053***	**-**	**-**	***0.537***	**-**	**-**	***0.533***	**-**	**-**	***0.533***	**-**	**-**	**-**	**-**	**-**	***0.533***
7) VC851 - PRODUCT IMPROVEMENT																				
7.1) VC851 - PRODUCT	A		-	-	3.350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5429 / ASW Support Equipment	**Aggregated Items Title:** ASW RANGE 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)
IMPROVEMENT UTRE - N94/US FORACS-N96 (S05)																				
Subtotal: 7) VC851 - PRODUCT IMPROVEMENT			**-**	**-**	***3.350***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
8) VC970 - INTEGRATED LOGISTICS SUPPORT																				
8.1) VC970 - INTEGRATED LOGISTICS SUPPORT (USC)	A		-	-	1.509	-	-	0.196	-	-	0.200	-	-	0.200	-	-	-	-	-	0.200
Subtotal: 8) VC970 - INTEGRATED LOGISTICS SUPPORT			**-**	**-**	***1.509***	**-**	**-**	***0.196***	**-**	**-**	***0.200***	**-**	**-**	***0.200***	**-**	**-**	**-**	**-**	**-**	***0.200***
Total			**-**	**-**	**180.473**	**-**	**-**	**18.095**	**-**	**-**	**18.317**	**-**	**-**	**18.199**	**-**	**-**	**-**	**-**	**-**	**18.199**

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) HSMSTs, including the associated boat accessories, trailers and spare parts, must be procured annually to (1) replace targets destroyed during testing/exercises, (2) replace targets which are beyond their service life and (3) provide a sufficient inventory of targets at the operating activities (Target Ranges). The Navy conducts approximately 3,000 seaborne target exercises each year. 1,500 seaborne target operations each year involve the HSMST and between 50 and 100 are destroyed annually. HSMSTs can be re-used if the target is not impacted or if the extent of the damage is minimal enough to allow the HSMST to be repaired.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	P-1 Line Item Number / Title: 5429 / ASW Support Equipment	Aggregated Items: ASW RANGE 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
5) VC005 - HSMST (HIGH SPEED MANEUVERABLE SURFACE TARGET)												
5.1) VC005 - HSMST (USC) (3)		2025	Silverships / Theodore, AL	C / FFP	NAVSEA	Mar 2025	Aug 2025	45	224,444.44	Y		Nov 2024
5.1) VC005 - HSMST (USC) (3)		2026	Silverships / Theodore, AL	C / FFP	NAVSEA	Mar 2026	Aug 2026	45	231,044.44	Y		Nov 2025
5.1) VC005 - HSMST (USC) (3)		2027	Silverships / Theodore, AL	C / TBD	NAVSEA	Mar 2027	Aug 2027	45	223,622.22	Y		Nov 2026

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5429 / ASW Support Equipment	**Modification Number / Title:** 1 / VC010 - AN/UQN-10 SONAR SOUNDING SET FATHOMETER

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)*	14.966	1.603	1.631	0.714	0.000	0.714	0.000	0.000	0.000	0.000	0.000	18.914
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	14.966	1.603	1.631	0.714	0.000	0.714	0.000	0.000	0.000	0.000	0.000	18.914
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**14.966**	**1.603**	**1.631**	**0.714**	**0.000**	**0.714**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**18.914**
(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:

This line item is responsible for the fielding of the next generation AN/UQN-10 Sonar Sounding Set Fathometer as a Commercial-Off-The-Shelf (COTS) retrofit/replacement of legacy AN/UQN-4/4A systems on Destroyer (DDG51 Class), Aircraft Carrier (CVN Class), and Amphibious (LHA, LHD, LPD, LSD, LCC) platforms. This program will also finance the non-recurring engineering (NRE) required to upgrade acoustic communications and convert the non-program of record fathometers and transducers employed on Littoral Combat Ship (LCS) and DDG1000 platforms to the common program of record AN/UQN-10 Sonar Sounding Set Fathometer and TR-355 transducer. Retrofit of legacy AN/UQN-4/4A systems is required to increase Reliability, Maintainability & Availability (RM&A) metrics, increase overall Sonar Sounding Set Fathometer system Operational Availability (Ao), eliminate obsolescence issues and reduce supportability costs. AN/UQN-10 Sonar Sounding Set Fathometer replacement/retrofit efforts include the establishment of Integrated Logistics Support (ILS) elements and engineering test procedures, qualification and acceptance testing, procurement, and installation of systems via Alteration Installation Team (AIT). The AN/UQN-10 provides a means of measuring the depth of water below the ships keel to the ocean bottom. The AN/UQN-10 performs depth sounding functions, while providing visual depth indication and recording capabilities, for measured water depths to a maximum depth of more than 7000 meters. Real-time depth information is displayed in digital readout and graphic display formats with internal depth data logging capability available for playback and use in reconstruction efforts. The AN/UQN-10 is a drop-in replacement of the legacy AN/UQN-4/4A system, designed specifically to communicate with the same shipboard system interfaces and to utilize the same TR-355 series transducer as the legacy AN/UQN-4/4A. The AN/UQN-10 employs touch screen control, new digital remote depth indicators, and a new EchoSim signal simulator.

NOTE: The total AN/UQN-10 Sonar Sounding Set Fathometer retrofit requirement is 103 ships. All 103 systems were previously procured via a separate OPN Budget Line Item (BLI). 17 of those systems were previously installed via that same separate OPN BLI, leaving a balance of 86 systems to be installed via the OPN BLI 5429 Cost Code VC010 AN/UQN-10 Sonar Sounding Set Fathometer program represented here. For accounting purposes, these 86 systems are depicted within the 'Procurement' section of the OPN BLI 5429 VC010 P-3a in the Prior Years column with zero dollars shown.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5429 / ASW Support Equipment	**Modification Number / Title:** 1 / VC010 - AN/UQN-10 SONAR SOUNDING SET FATHOMETER
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: Retrofit of legacy AN/UQN-4/4A Sonar Sounding Set Fathometers with next generation AN/UQN-10 system	**Modification Type:** Warfighting Capability	**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: VC010 - AN/UQN-10 SONAR SOUNDING SET FATHOMETER												
B Kits												
Recurring												
1.1.1) VC010 - AN/UQN-10 SOUNDING SET FATHOMETER - NonOrganic [4]	86 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	86 / 0.000
Subtotal: Recurring	*- / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*
Subtotal: VC010 - AN/UQN-10 SONAR SOUNDING SET FATHOMETER	*86 / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*86 / 0.000*
Subtotal: Procurement, All Modification Items	*- / 0.000*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*
Installation												
Modification Item 1 of 1: VC010 - AN/UQN-10 SONAR SOUNDING SET FATHOMETER	- / 14.966	- / 1.603	- / 1.631	- / 0.714	- / 0.000	- / 0.714	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 0.000	- / 18.914
Subtotal: Installation	*- / 14.966*	*- / 1.603*	*- / 1.631*	*- / 0.714*	*- / -*	*- / 0.714*	*- / -*	*- / -*	*- / -*	*- / -*	*- / 0.000*	*- / 18.914*
Total												
Total Cost (Procurement + Support + Installation)	**14.966**	**1.603**	**1.631**	**0.714**	**0.000**	**0.714**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**18.914**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 5	**P-1 Line Item Number / Title:** 5429 / ASW Support Equipment	**Modification Number / Title:** 1 / VC010 - AN/UQN-10 SONAR SOUNDING SET FATHOMETER
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: VC010 - AN/UQN-10 SONAR SOUNDING SET FATHOMETER

Manufacturer Information

Manufacturer Name: Knudsen Systems, Inc.	Manufacturer Location: Ogdensburg, NY
Administrative Leadtime *(in Months)*: 0	Production Leadtime *(in Months)*: 3

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

Installation Information

Method of Implementation: Alteration Installation Team (AIT):: Installation Name: VC010 - AN/UQN-10 SOUNDING SET FATHOMETER

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 / 14.966	7 / 1.603	7 / 1.631	3 / 0.714	0 / 0.000	3 / 0.714	- / -	- / -	- / -	- / -	0 / 0.000	86 / 18.914
FY 2025	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2026	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	69 / 14.966	7 / 1.603	7 / 1.631	3 / 0.714	0 / 0.000	3 / 0.714	- / -	- / -	- / -	- / -	0 / 0.000	86 / 18.914

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	1	3	2	1	1	2	2	2	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86
Out	69	1	3	2	1	1	2	2	2	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	86

Footnotes:

(4) NOTE: The total AN/UQN-10 Sonar Sounding Set Fathometer retrofit requirement is 103 ships. All 103 systems were previously procured via a separate OPN Budget Line Item (BLI). 17 of those systems were previously installed via that same separate OPN BLI, leaving a balance of 86 systems to be installed via the OPN BLI 5429 Cost Code VC010 AN/UQN-10 Sonar Sounding Set Fathometer program represented here. For accounting purposes, these 86 systems are depicted within the 'Procurement' section of the OPN BLI 5429 VC010 P-3a in the Prior Years column with zero dollars 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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment	**P-1 Line Item Number / Title:** 5509 / EOD Equipment

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: N/A	Other Related Program Elements: 0603654N, 0604654N, 0604653N

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)*	838.737	52.885	17.758	48.252	0.000	48.252	10.136	8.471	5.287	5.394	-	986.920
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	838.737	52.885	17.758	48.252	0.000	48.252	10.136	8.471	5.287	5.394	-	986.920
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**838.737**	**52.885**	**17.758**	**48.252**	**0.000**	**48.252**	**10.136**	**8.471**	**5.287**	**5.394**	**-**	**986.920**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	1.498	-	0.062	-	0.062	0.142	-	-	-	-	1.702
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

Explosive Ordnance Disposal (EOD) Equipment procures Navy EOD required tools and equipment developed to support a lethal, agile, and resilient force. In alignment with efforts to modernize in accordance with the National Defense Strategy, EOD Technicians require specialized tools to enable dynamic maneuver of Ships, Submarines, and Aircraft against near peer adversaries through the render safe and mitigation of explosive hazards on land and underwater. EOD Equipment supports 134 EOD Platoons both OCONUS and CONUS operations that allow the ability to detect, access, diagnose, render safe, exploit, and dispose of threats to National Security. Threat analysis and prosecution requires increased standoff distances from increasingly lethal, dynamic and advanced weapons system threats fielded by near peer adversaries.

VN870:
Procures Joint Counter Radio-Controlled Improvised Explosive Device (RCIED) Electronic Warfare (CREW) systems that disrupt enemy command and control radio frequency (RF) communications associated with IEDs. Funds also procure hardware upgrades for fielded systems required to maintain capability against the evolving advanced threat.

CUAS/DRAKE:
Procures Counter Unmanned Aircraft (C-UAS) systems that disrupt enemy command and control radio frequency (RF) communications associated with small-UAS. Funds also procure hardware upgrades for fielded systems required to maintain capability against the evolving advanced threat.

VN075:
EOD Robotics: Provides USN EOD Robotics outfitting for performing UXO and IED clearance operations in remote locations or forces directly supporting maneuver forces to provide access to battlespace and ensure freedom of navigation.

VN077 NAVY EOD EQUIPMENT: Procurement provides the recapitalization and modernization of EOD equipment and will address Table of Allowance (TOA) shortfalls.

[P5 / JOINT CREW]: JOINT CREW Provides for the procurement, support, and other related costs of the Joint Counter Radio Controlled Improvised Explosive Device - Electronic Warfare (JCREW) program and related family of systems that provide countermeasures against the global Radio Controlled IED (RCIED) threat.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment	**P-1 Line Item Number / Title:** 5509 / EOD Equipment	
ID Code (A=Service Ready, B=Not Service Ready): B	**Program Elements for Code B Items:** N/A	**Other Related Program Elements:** 0603654N, 0604654N, 0604653N
Line Item MDAP/MAIS Code: N/A		

[P5 / AN/PLT-6(V)1 SYSTEMS]: AN/PLT-6(V)1 emplaced CIED system, replaces the obsolete AN/PLT-4 emplaced CIED system.

[P5 / DRAKE SYSTEMS/TECH INSERTION UNDERSEA ENTERPRISE]: DRAKE SYSTEMS/TECH INSERTION UNDERSEA ENTERPRISE: Procures 13 DRAKE 2.0 systems and 27 Retrofit Kits to upgrade DRAKE 1.0 Systems currently fielded onboard all Submarine Classes. DRAKE utilizes open software architecture and Software Defined Radios, enabling upgrades as threats evolve. DRAKE 2.0 capability will be developed and fielded in two increments and DRAKE 1.0 systems will be retrofit to 2.0. Composite unit cost reflects DRAKE 2.0 full system is higher cost than a retrofit kit.

[P5 / DRAKE SYSTEMS/TECH INSERTION AIR ENTERPRISE]: DRAKE SYSTEMS/TECH INSERTION AIR ENTERPRISE: Procures Retrofit Kits to upgrade 44 DRAKE 1.0 Systems currently fielded onboard all CVN Class Ships. DRAKE utilizes open software architecture and Software Defined Radios, enabling upgrades as threats evolve. DRAKE 2.0 capability will be developed and fielded in two increments and DRAKE 1.0 systems will be retrofit to 2.0.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment	**P-1 Line Item Number / Title:** 5509 / EOD Equipment

ID Code (A=Service Ready, B=Not Service Ready): B	Program Elements for Code B Items: N/A	Other Related Program Elements: 0603654N, 0604654N, 0604653N

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 / EOD - CREW Equipment	P-5a, P-21			- / 838.737	- / 52.885	- / 17.758	- / 48.252	- / 0.000	- / 48.252
P-40	**Total Gross/Weapon System Cost**				**- / 838.737**	**- / 52.885**	**- / 17.758**	**- / 48.252**	**- / 0.000**	**- / 48.252**

*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:

VN077 Navy EOD Equipment - FY 2027 funding for Navy EOD Equipment supports the modernization and advancement of Naval EOD capabilities through procurement. Obsolete and aging equipment will be replaced with advanced tools and equipment specific to operational scenarios as well as future threats. Continued procurement of Spectral Radiation Monitors (SRM-50) replaces legacy monitoring systems for EOD forces to maintain mission effectiveness and operational relevance to combatant commanders. The current capability does not enable Navy EOD Forces to effectively support their counter weapons of mass destruction mission. The Timed Firing Device (TFD) allows for precise detonation at fixed times set in the field, as well as programmed times set in advance of operations, reducing the chance of early detonation before the EOD technician can reach a safe standoff distance, while simultaneously allowing EOD operations in communications denied environment. Competitive production contract award for the Timed Firing Device will enable scaling of production to meet joint requirements compared to low rate initial production capacity.

VN870 JOINT CREW - FY 2027 supports procurement of engineering changes to the fielded JCREW I1B1 systems that are necessary to implement advanced countermeasure capabilities against the global Radio Controlled IED (RCIED).

CUAS/DRAKE - FY 2027 qty increase of 108 units in FY 2026 to 326 units in FY 2027 due to additional $26.7M for Drake Systems to meet the Military Sealift Command (MSC) required inventory objective. The increase in FY 2027 is also due to the procurement of more complete Drake systems to complete outfitting of Ships.

VN790 DRAKE Combat Operations NAVCENT: $26.2M of FY 2025 Supplemental funding from Israel Security Supplemental Appropriations Act, 2024 (Division A of Public Law 118-50) for the procurement of DRAKE Combat Operations NAVCENT.

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 6	**P-1 Line Item Number / Title:** 5509 / EOD Equipment	**Item Number / Title [DODIC]:** 1 / EOD - CREW 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
Procurement Quantity *(Units in Each)*	-	-	-	-	-	-
Gross/Weapon System Cost *($ in Millions)*	838.737	52.885	17.758	48.252	0.000	48.252
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	838.737	52.885	17.758	48.252	0.000	48.252
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**838.737**	**52.885**	**17.758**	**48.252**	**0.000**	**48.252**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)						
Initial Spares *($ in Millions)*	-	1.498	-	0.035	-	0.035
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 - VN075 - EOD EQUIPMENT/SYSTEM Cost																		
Recurring Cost																		
1.1.1) EOD ROBOTICS(†)	170,437.01	254	43.291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Recurring Cost	-	-	*43.291*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - VN075 - EOD EQUIPMENT/ SYSTEM Cost	**-**	**-**	***43.291***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Hardware - VN077 - EOD OUTFITTING Cost																		
Recurring Cost																		
2.1.1) NAVY EOD EQUIPMENT (1)	-	-	56.729	-	-	5.032	-	-	4.484	-	-	3.332	-	-	-	-	-	3.332
Subtotal: Recurring Cost	-	-	*56.729*	-	-	*5.032*	-	-	*4.484*	-	-	*3.332*	-	-	-	-	-	*3.332*
Subtotal: Hardware - VN077 - EOD OUTFITTING Cost	**-**	**-**	***56.729***	**-**	**-**	***5.032***	**-**	**-**	***4.484***	**-**	**-**	***3.332***	**-**	**-**	**-**	**-**	**-**	***3.332***
Hardware - VN870 - JOINT CREW Cost																		
Non Recurring Cost																		
3.1.1) JOINT CREW	155,571.43	637	99.099	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1.2) TECH INSERTION and REFRESH(†) (2)	73,119.50	159	11.626	-	-	0.963	-	-	0.629	-	-	0.670	-	-	-	-	-	0.670
3.1.3) AN/PLT-6(V)1 SYSTEMS(†)	-	-	-	51,818.18	121	6.270	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 6	P-1 Line Item Number / Title: 5509 / EOD Equipment	Item Number / Title [DODIC]: 1 / EOD - CREW Equipment
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: Non Recurring Cost	-	-	*110.725*	-	-	*7.233*	-	-	*0.629*	-	-	*0.670*	-	-	-	-	-	*0.670*
Subtotal: Hardware - VN870 - JOINT CREW Cost	**-**	**-**	***110.725***	**-**	**-**	***7.233***	**-**	**-**	***0.629***	**-**	**-**	***0.670***	**-**	**-**	**-**	**-**	**-**	***0.670***
Hardware - CUAS/DRAKE Cost																		
Non Recurring Cost																		
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE)(†) (3)	420,588.24	153	64.350	69,855.07	207	14.460	117,083.33	108	12.645	135,736.20	326	44.250	-	-	-	135,736.20	326	44.250
4.1.2) DRAKE SYSTEMS/TECH INSERTION UNDERSEA ENTERPRISE(†)	81,450.00	40	3.258	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.3) DRAKE SYSTEMS/TECH INSERTION AIR ENTERPRISE(†)	57,454.55	44	2.528	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.4) NSW COUNTER UNMANNED AERIAL SYSTEM (CUAS)	-	-	1.600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.5) PRODUCTION ENGINEERING	-	-	14.668	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.6) PRODUCT IMPROVEMENT	-	-	9.991	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.7) JOINT EOD ACCEPTANCE TEST & EVALUATION	-	-	9.438	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.8) JOINT CREW ACCEPTANCE TEST & EVALUATION	-	-	3.104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.1.9) VNTNG - INITIAL TRAINING	-	-	4.096	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	*113.033*	-	-	*14.460*	-	-	*12.645*	-	-	*44.250*	-	-	-	-	-	*44.250*
Subtotal: Hardware - CUAS/ DRAKE Cost	**-**	**-**	***113.033***	**-**	**-**	***14.460***	**-**	**-**	***12.645***	**-**	**-**	***44.250***	**-**	**-**	**-**	**-**	**-**	***44.250***
Hardware - VN790 Israel Trache Cost																		
Non Recurring Cost																		

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 6	P-1 Line Item Number / Title: 5509 / EOD Equipment	Item Number / Title [DODIC]: 1 / EOD - CREW Equipment
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)
5.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE)(†) (4)	-	-	-	159,512.20	164	26.160	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Non Recurring Cost	-	-	-	-	-	*26.160*	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Hardware - VN790 Israel Trache Cost	**-**	**-**	**-**	**-**	**-**	***26.160***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Support - PRIOR YEARS CUMULATIVE FUNDING Cost																		
6.1) PRIOR YEAR FUNDING	-	-	514.959	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: Support - PRIOR YEARS CUMULATIVE FUNDING Cost	**-**	**-**	***514.959***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Gross/Weapon System Cost	**-**	**-**	**838.737**	**-**	**-**	**52.885**	**-**	**-**	**17.758**	**-**	**-**	**48.252**	**-**	**-**	**0.000**	**-**	**-**	**48.252**

(†) indicates the presence of a P-5a

Footnotes:

(1) NAVY EOD EQUIPMENT: Procurement provides the recapitalization funds for next generation radiological detection equipment and procurement of precise timed firing devices for use in communications denied environments that Navy EOD techs will be faced with in future conflicts.

(2) Joint TECH INSERTION and REFRESH: provides funding for the procurement of engineering changes to the fielded JCREW I1B1 systems that are necessary to implement advanced countermeasure capabilities against the global Radio Controlled IED (RCIED) threat.

(3) Procures DRAKE 2.0 systems for the surface, subsurface, carrier, amphibious, and MSC assets for the US Navy. DRAKE 2.0 is fielded in 2 increments. Increment 1 (INC 1) is a tech refresh that mitigates obsolescence and increases onboard computing power. Increment 2 (INC 2) delivers an optimized antenna and docking station. INC 2 procurements blend with the INC 1 procurements as they are procured in the same fiscal years. This makes the unit cost appear to increase over time, however, the unit cost for each increment is consistent throughout the delivery schedule.

(4) Procures 164 dismounted and mounted retrofit kits for the NAVCENT AOR. This is a new requirements. The unit cost is a composite of dismounted retrofit kits and mounted retrofit kits whereas previous unit costs were a composite of only dismounted variants.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 6	P-1 Line Item Number / Title: 5509 / EOD Equipment	Item Number / Title [DODIC]: 1 / EOD - CREW Equipment

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) EOD ROBOTICS(†)		2024	FLIR / Boston, MA	C / TBD	ARMY	Oct 2023	Oct 2024	81	179,310.52	Y		Sep 2017
3.1.2) TECH INSERTION and REFRESH(†)		2023	NORTHROP GRUMMAN / San Diego, CA	C / FFP	NAVSEA	Jul 2023	Nov 2024	112	72,651.79	Y		Mar 2022
3.1.2) TECH INSERTION and REFRESH(†)		2024	NORTHROP GRUMMAN / San Diego, CA	C / FFP	NAVSEA	Jan 2024	May 2025	47	74,234.04	Y		Mar 2022
3.1.3) AN/PLT-6(V)1 SYSTEMS(†)		2025	PARRY LABS / Columbia, MD	C / FFP	DLA	Jan 2025	Sep 2025	121	51,818.18	Y		Dec 2022
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/ DRAKE)(†)	✓	2018	NORTHROP GRUMMAN / San Diego, CA	C / FFP	NAVSEA	Jun 2018	Dec 2019	75	378,666.00	Y		Aug 2016
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/ DRAKE)(†)	✓	2019	NORTHROP GRUMMAN / San Diego, CA	C / FFP	NAVSEA	Jan 2019	May 2020	50	498,000.00	Y		Aug 2016
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/ DRAKE)(†)		2025	NORTHROP GRUMMAN / San Diego, CA	C / FFP	NAVSEA	Aug 2025	Dec 2026	207	69,855.07	Y		Apr 2025
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/ DRAKE)(†)		2026	NORTHROP GRUMMAN / San Diego, CA	C / FFP	NAVSEA	Jan 2026	May 2027	108	117,083.33	Y		Sep 2025
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/ DRAKE)(†)		2027	NORTHROP GRUMMAN / San Diego, CA	C / FFP	NAVSEA	Jan 2027	May 2028	326	135,736.20	Y		Sep 2026
4.1.2) DRAKE SYSTEMS/ TECH INSERTION UNDERSEA ENTERPRISE		2024	NORTHROP GRUMMAN / San Diego, CA	C / FFP	NAVSEA	Jan 2024	May 2025	40	81,450.00	Y		Mar 2022
4.1.3) DRAKE SYSTEMS/TECH INSERTION AIR ENTERPRISE		2024	NORTHROP GRUMMAN / San Diego, CA	C / FFP	NAVSEA	Jan 2024	May 2025	44	57,454.55	Y		Mar 2022
5.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/ DRAKE)(†)		2025	NORTHROP GRUMMAN / San Diego, CA	C / FFP	NAVSEA	Aug 2025	Dec 2026	164	159,512.20	Y		Apr 2025

(†) 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 / 04 / 6	**P-1 Line Item Number / Title:** 5509 / EOD Equipment	**Item Number / Title [DODIC]:** 1 / EOD - CREW Equipment

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) EOD ROBOTICS																															
Prior Years Deliveries: 173																															
	1	2024	NAVY	81	0	81																									81
3.1.2) TECH INSERTION and REFRESH [2]																															
	2	2023	NAVY	112	0	112																									112
	2	2024	NAVY	47	0	47																									47
3.1.3) AN/PLT-6(V)1 SYSTEMS																															
	3	2025	NAVY	121	0	121																									121
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [3]																															
Prior Years Deliveries: 28																															
✓	4	2018	NAVY	75	0	75									A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75
✓	4	2019	NAVY	50	0	50																A	-	-	-	-	-	-	-	-	50
	4	2025	NAVY	207	0	207																									207
	4	2026	NAVY	108	0	108																									108
	4	2027	NAVY	326	0	326																									326
5.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [4]																															
	5	2025	NAVY	164	0	164																									164
							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 / 04 / 6	P-1 Line Item Number / Title: 5509 / EOD Equipment	Item Number / Title [DODIC]: 1 / EOD - CREW Equipment

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) EOD ROBOTICS																															
Prior Years Deliveries: 173																															
	1	2024	NAVY	81	0	81																									81
3.1.2) TECH INSERTION and REFRESH [2]																															
	2	2023	NAVY	112	0	112																									112
	2	2024	NAVY	47	0	47																									47
3.1.3) AN/PLT-6(V)1 SYSTEMS																															
	3	2025	NAVY	121	0	121																									121
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [3]																															
Prior Years Deliveries: 28																															
✓	4	2018	NAVY	75	0	75	-	-	1	20	20	20	14																		0
✓	4	2019	NAVY	50	0	50	-	-	-	-	-	-	-	1	20	20	9														0
	4	2025	NAVY	207	0	207																									207
	4	2026	NAVY	108	0	108																									108
	4	2027	NAVY	326	0	326																									326
5.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [4]																															
	5	2025	NAVY	164	0	164																									164
							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 / 04 / 6	P-1 Line Item Number / Title: 5509 / EOD Equipment	Item Number / Title [DODIC]: 1 / EOD - CREW Equipment

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) EOD ROBOTICS																															
Prior Years Deliveries: 173																															
	1	2024	NAVY	81	0	81																									81
3.1.2) TECH INSERTION and REFRESH [2]																															
	2	2023	NAVY	112	0	112																						A -	-	-	112
	2	2024	NAVY	47	0	47																									47
3.1.3) AN/PLT-6(V)1 SYSTEMS																															
	3	2025	NAVY	121	0	121																									121
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [3]																															
Prior Years Deliveries: 28																															
✓	4	2018	NAVY	75	75	0																									0
✓	4	2019	NAVY	50	50	0																									0
	4	2025	NAVY	207	0	207																									207
	4	2026	NAVY	108	0	108																									108
	4	2027	NAVY	326	0	326																									326
5.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [4]																															
	5	2025	NAVY	164	0	164																									164
							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 / 04 / 6	P-1 Line Item Number / Title: 5509 / EOD Equipment	Item Number / Title [DODIC]: 1 / EOD - CREW Equipment

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	
1.1.1) EOD ROBOTICS																															
Prior Years Deliveries: 173																															
	1	2024	NAVY	81	0	81	A -	-	-	-	-	-	-	-	-	-	-	-	81												0
3.1.2) TECH INSERTION and REFRESH [2]																															
	2	2023	NAVY	112	0	112	-	-	-	-	-	-	-	-	-	-	-	-	-	19	19	19	19	19	17						0
	2	2024	NAVY	47	0	47				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	8	8	8	8	7
3.1.3) AN/PLT-6(V)1 SYSTEMS																															
	3	2025	NAVY	121	0	121																A -	-	-	-	-	-	-	-	15	106
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [3]																															
Prior Years Deliveries: 28																															
✓	4	2018	NAVY	75	75	0																									0
✓	4	2019	NAVY	50	50	0																									0
	4	2025	NAVY	207	0	207																							A -	-	207
	4	2026	NAVY	108	0	108																									108
	4	2027	NAVY	326	0	326																									326
5.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [4]																															
	5	2025	NAVY	164	0	164																							A -	-	164

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 / 04 / 6	P-1 Line Item Number / Title: 5509 / EOD Equipment	Item Number / Title [DODIC]: 1 / EOD - CREW Equipment

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	
1.1.1) EOD ROBOTICS																														
Prior Years Deliveries: 173																														
	1	2024	NAVY	81	81	0																								0
3.1.2) TECH INSERTION and REFRESH [2]																														
	2	2023	NAVY	112	112	0																								0
	2	2024	NAVY	47	40	7	7																							0
3.1.3) AN/PLT-6(V)1 SYSTEMS																														
	3	2025	NAVY	121	15	106	15	15	15	15	15	15	16																	0
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [3]																														
Prior Years Deliveries: 28																														
✓	4	2018	NAVY	75	75	0																								0
✓	4	2019	NAVY	50	50	0																								0
	4	2025	NAVY	207	0	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	30	30	30	30	30	27				0
	4	2026	NAVY	108	0	108				A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	15	15	15	15	33
	4	2027	NAVY	326	0	326																A -	-	-	-	-	-	-	-	-	326
5.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [4]																														
	5	2025	NAVY	164	0	164	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	24	24	23	23	23	23				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 / 04 / 6	P-1 Line Item Number / Title: 5509 / EOD Equipment	Item Number / Title [DODIC]: 1 / EOD - CREW Equipment

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	
1.1.1) EOD ROBOTICS																															
Prior Years Deliveries: 173																															
	1	2024	NAVY	81	81	0																									0
3.1.2) TECH INSERTION and REFRESH [2]																															
	2	2023	NAVY	112	112	0																									0
	2	2024	NAVY	47	47	0																									0
3.1.3) AN/PLT-6(V)1 SYSTEMS																															
	3	2025	NAVY	121	121	0																									0
4.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [3]																															
Prior Years Deliveries: 28																															
✓	4	2018	NAVY	75	75	0																									0
✓	4	2019	NAVY	50	50	0																									0
	4	2025	NAVY	207	207	0																									0
	4	2026	NAVY	108	75	33	15	18																							0
	4	2027	NAVY	326	0	326	-	-	-	-	-	-	-	46	46	46	46	46	46	50											0
5.1.1) COUNTER UNMANNED AIRCRAFT SYSTEMS (CUAS/DRAKE) [4]																															
	5	2025	NAVY	164	164	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 / 04 / 6	**P-1 Line Item Number / Title:** 5509 / EOD Equipment	**Item Number / Title [DODIC]:** 1 / EOD - CREW 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	FLIR - Boston, MA			TBD	0	0	0	0	0	0	0	0
2	NORTHROP GRUMMAN - San Diego, CA			TBD	0	0	0	0	0	0	0	0
3	PARRY LABS - Columbia, MD			TBD	0	0	0	0	0	0	0	0
4	NORTHROP GRUMMAN - San Diego, CA			TBD	0	0	0	0	0	0	0	0
5	NORTHROP GRUMMAN - San Diego, CA			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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment	**P-1 Line Item Number / Title:** 5510 / Directed Energy Systems

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	3.817	2.976	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	0.000	3.817	2.976	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**0.000**	**3.817**	**2.976**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**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:

Directed Energy Weapon Systems consist of multiple breakthrough technologies including laser weapons that provide for speed-of-light engagements at tactically significant ranges resulting in savings realized by minimizing the use of defensive missiles and projectiles, allowing for non-lethal determination of threat intent beyond small arms fire ranges.

[P40A / DE001 - DIRECTED ENERGY SYSTEMS]: The AN/SEQ-4 Optical Dazzler Interdictor Navy (ODIN) program was initiated in FY18 in response to an urgent Fleet Counter-Intelligence, Surveillance, and Reconnaissance (C-ISR) gap. ODIN's primary mission is C-ISR capability against Electro-Optical/Infra-Red (EO/IR) sensors, is queued from a one-way CEC track feed, and has an ISR capability to aid the Fleet in battlespace awareness. ODIN is a shipboard system with multiple low power lasers for multi-band optical dazzling of long-range and very long-range surveillance systems. ODIN (Block I) development and installation of eight (8) systems is complete, and all systems are deployed on DDG 51 Class Surface Combatants. ODIN provides directed energy, shipboard Counter-Intelligence, Surveillance, and Reconnaissance (C-ISR) capabilities to the Fleet to dazzle Unmanned Aerial Systems (UASs) and other platforms that address urgent operational needs of the Fleet.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment	**P-1 Line Item Number / Title:** 5510 / Directed Energy Systems

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	DIRECTED ENERGY SYSTEMS				- / 0.000	- / 3.817	- / 2.976	- / -	- / -	- / -
P-40	**Total Gross/Weapon System Cost**				**- / 0.000**	**- / 3.817**	**- / 2.976**	**- / 0.000**	**- / 0.000**	**- / 0.000**

*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 / 04 / 6	**P-1 Line Item Number / Title:** 5510 / Directed Energy Systems	**Aggregated Items Title:** DIRECTED ENERGY SYSTEMS

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) DE001 - DIRECTED ENERGY SYSTEMS																				
1.1) ILS/ PRODUCTION SUPPORT [1]	A		-	-	-	-	-	0.517	-	-	0.500	-	-	-	-	-	-	-	-	-
1.2) ENGINEERING CHANGE PROPOSALS (ECPS) [2]	A		-	-	-	-	-	1.400	-	-	0.800	-	-	-	-	-	-	-	-	-
1.3) SPARES [3]	A		-	-	-	-	-	1.800	-	-	1.576	-	-	-	-	-	-	-	-	-
1.4) TECH REFRESH [4]	A		-	-	-	-	-	0.100	-	-	0.100	-	-	-	-	-	-	-	-	-
Subtotal: 1) DE001 - DIRECTED ENERGY SYSTEMS			**-**	**-**	***0.000***	**-**	**-**	***3.817***	**-**	**-**	***2.976***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**0.000**	**-**	**-**	**3.817**	**-**	**-**	**2.976**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

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

Footnotes:

[1] Integrated Logistic Support (ILS)/Production Support - Government capability to perform repairs on system components that have failed during shipboard operations, provide Government Failure Reporting Analysis and Corrective Action System (FRACAS) support, and obtain the hardware and software maintenance required to continuously operate the system.

[2] Engineering Change Proposals (ECPs) - Address previously known, emergent, and anticipated reliability and other Fleet generated emergent issues. ECPs were awarded for Non-Recurring Engineering (NRE) costs associated with the engineering changes for system components due to obsolescence of critical parts and technology.

[3] Spares - Procurement of long lead time spares and repair parts for critical system components that address onboard failures.

[4] Tech Refresh - Support of Government components developed in prior years that will be replaced by available (newer) components/sub-systems and will update the configuration infrastructure necessary to maintain operational readiness and improve system performance.

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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 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment	**P-1 Line Item Number / Title:** 5543 / Items Less Than $5 Million

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)*	111.576	3.193	3.635	2.592	0.000	2.592	3.230	3.222	3.167	3.229	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	111.576	3.193	3.635	2.592	0.000	2.592	3.230	3.222	3.167	3.229	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**111.576**	**3.193**	**3.635**	**2.592**	**0.000**	**2.592**	**3.230**	**3.222**	**3.167**	**3.229**	**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:

Items Less Than $5 Million procures generic (non-weapons systems specific) test equipment needed to assess the effects of aging and exposure to environmental conditions on Navy weapons systems and ordnance such as mines, gun ammunition, missiles, pyrotechnics, demolition systems/devices, bombs, and torpedoes throughout the in-service portion of their life cycle and will be located at NAVSEA engineering field activities. Requirements for the test equipment come from a need to replace or modernize obsolete or economically non-repairable equipment or to acquire new or expanded generic test capabilities when new evaluation techniques or processes are needed. The equipment procured by these funds are generally "one of a kind" and are used to support generic Navy weapons systems and ordnance types. Weapons systems specific equipment is procured/funded via the individual weapons system Program Management offices. After the weapon specific equipment has entered the inventory, these funds adapt the capability, if feasible, to become more generic and support more than one weapon system. This reduces the overall economic burden to the Navy.

RA005 - FLEET MINE SUPPORT EQUIPMENT: Mine Countermeasure (MCM) Targets are used to physically and electronically emulate foreign mine threats for Fleet training, exercises, ranges, and platform and system validation. Instrumented MCM targets can be programmed to behave and function like real foreign mine threats for mine sweeping and platform validation whereas non-instrumented MCM targets emulate foreign threats physically for mine hunting, mine neutralization, and system validation.

RA003 - INDUSTRIAL FACILITIES: Description: Provides funding for the procurement of industrial equipment in support of core manufacturing and production requirements at the Government-Owned/ Contractor- Operated (GOCO) Naval Industrial Reserve Ordnance Plant (NIROP) Allegany Ballistics Laboratory (ABL) located in Rocket Center, WV. NIROP ABL is a key U.S. military industrial facility that is the source of tactical missile propulsion systems, fuzes, conventional warheads, metal and composite structures and precision projectiles in accordance with the Defense Industrial Reserve Act (10 USC 2535). Supports environmental, safety, energy conservation, and major repair projects at the GOCO facility.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 6: Other Ordnance Support Equipment	**P-1 Line Item Number / Title:** 5543 / Items Less Than $5 Million

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	Items Less Than $5 Million				- / 111.576	- / 3.193	- / 3.635	- / 2.592	- / -	- / 2.592
P-40	**Total Gross/Weapon System Cost**				**- / 111.576**	**- / 3.193**	**- / 3.635**	**- / 2.592**	**- / 0.000**	**- / 2.592**

*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 Fleet Mine Support Equipment program, as well as the procurement of an Automatic Bar Machine to be used to fabricate metal parts to support rocket motor and warhead production. This new machine will support continued efforts to maintain efficiency in the manufacturing process as it replaces shop equipment nearing the end of useful life.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 6	**P-1 Line Item Number / Title:** 5543 / Items Less Than $5 Million	**Aggregated Items Title:** Items Less Than $5 Million

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) MAINTENANCE SUPPORT ACTIVITIES																				
1.1) RA004 - QUALITY EVAL TECH & EQUIPMENT (QETE)	B		-	-	28.612	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.2) Rolling Stock on behalf of USFFC	A		-	-	1.187	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) USFFC - ORDNANCE MATERIAL HANDLING EQUIPMENT (BSO 60)	A		-	-	0.482	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.4) USFFC - LOCOMOTIVE REPLACEMENT (BSO 60)	A		-	-	1.651	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) USFFC - ROLLING STOCK RAIL CARS (BSO 60)	A		-	-	1.029	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) MAINTENANCE SUPPORT ACTIVITIES			**-**	**-**	***32.961***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) MINE COUNTERMEASURES FORCES																				
2.1) RA005 - FLEET MINE SUPPORT EQUIPMENT	B		-	-	28.115	-	-	2.646	-	-	3.074	-	-	2.592	-	-	-	-	-	2.592
Subtotal: 2) MINE COUNTERMEASURES FORCES			**-**	**-**	***28.115***	**-**	**-**	***2.646***	**-**	**-**	***3.074***	**-**	**-**	***2.592***	**-**	**-**	**-**	**-**	**-**	***2.592***
3) FRIGATES - MISSILE																				
3.1) RA006 - GRIFFIN MISSILE SYSTEM (GMS)	A		-	-	24.639	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.2) RA007 - GRIFFIN MISSILE SYSTEM (GMS) INITIAL TECHNICAL REFRESH	A		-	-	6.313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3) RA008 - FFG-FRIGATE OTHER GOVERNMENT FURNISHED EQUIPMENT (GFE)	A		-	-	0.459	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 3) FRIGATES - MISSILE			**-**	**-**	***31.411***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
4) PATROL COMBATANTS																				
4.1) RA007 - GRIFFIN MISSILE SYSTEM (GMS)	A		-	-	6.817	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 6	**P-1 Line Item Number / Title:** 5543 / Items Less Than $5 Million	**Aggregated Items Title:** Items Less Than $5 Million

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)
INITIAL TECHNICAL REFRESH																				
Subtotal: 4) PATROL COMBATANTS			**-**	**-**	***6.817***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5) TOMAHAWK AND TOMAHAWK MISSILE PLANNING CENTER																				
5.1) RA003 - INDUSTRIAL FACILITIES	A		2,454K	5	12.272	547,000.00	1	0.547	561,000.00	1	0.561	0.00	1	0.000	-	-	-	0.00	1	0.000
Subtotal: 5) TOMAHAWK AND TOMAHAWK MISSILE PLANNING CENTER			**-**	**-**	***12.272***	**-**	**-**	***0.547***	**-**	**-**	***0.561***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**111.576**	**-**	**-**	**3.193**	**-**	**-**	**3.635**	**-**	**-**	**2.592**	**-**	**-**	**-**	**-**	**-**	**2.592**

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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5530 / Anti-ship Missile Decoy System
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)*	298.110	75.614	50.741	606.241	0.000	606.241	786.024	874.356	1,069.149	1,166.580	4,831.454	9,758.269
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	298.110	75.614	50.741	606.241	0.000	606.241	786.024	874.356	1,069.149	1,166.580	4,831.454	9,758.269
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**298.110**	**75.614**	**50.741**	**606.241**	**0.000**	**606.241**	**786.024**	**874.356**	**1,069.149**	**1,166.580**	**4,831.454**	**9,758.269**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	3.375	-	-	-	-	-	-	-	-	-	3.375
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

The Anti-Ship Missile Decoy Program covers a family of decoys and the equipment to deploy them. It is an essential element of the Anti-Ship Missile (ASM) Defense tactics to counter the threat of enemy homing missiles. Nulka is a joint program with Australia and is currently in service with the Australian and United States Navies. Nulka consists of the Decoy Launching System (DLS) (MK 53) and Offboard Active Decoy (MK 234). This line contains various equipment and subsystems for a system which will provide the capability to defeat the effectiveness of hostile Anti-Ship cruise missiles. The MK 53 DLS consists of a Decoy Launch Processer (DLP) or Decoy Launch Message Converter (DLMC), launching power supplies, and from two to six launchers depending on the ship class. Each launcher is capable of storing and launching two Nulka decoys. The MK 53 DLS provides the launch authorization and flight demands to the Nulka decoy when a Nulka engagement is initiated by the EW operator. The MK 53 DLS has been installed on the CG 47, CVN 68, DDG 51, LSD 41 and LSD 49 Classes in prior years.

The Legacy Nulka decoy consists of the kit assembly, rocket motor assembly (RMAs), canister assembly and legacy payload. The legacy Nulka decoy can no longer be procured due to obsolescence issues which will be addressed by new production of kit assemblies (VV200) and RMAs (VV201).

AOEW (AN/ALQ-248) was intended to provide a new persistent Electronic Attack capability for countering legacy and modern ASMs, enabling earlier ASM detect-and engagement timeline given the active decoy's extended mission profile and optimal placement relative to the intended target. AOEW was designed to be employed on a host MH-60R/S helicopter and integrated with onboard EW systems. Divestment of AOEW started in FY26, AOEW CDD was cancelled, and requirements were transferred to other programs.

MK-59 Floating Decoy System (FDS) is a stand-alone, inflatable, offboard decoy that augments existing Electronic Warfare capabilities on U.S. Navy Ships. The offboard decoy provides capability against anti-ship missiles and is currently fielded on DDGs. A shipset consists of three launching platforms, six launchers, and six pre-loaded decoys. Infrastructure support equipment includes three launching platforms and launcher control equipment. MK-59 FDS production started in 2012 and will continue to buy additional systems. This system meets a critical Fleet need. Fielding of additional systems begins in FY26 for DDGs.

The Long Endurance Electronic Decoy (LEED) program will deliver an expendable long endurance autonomous off-board decoy Countermeasure system, comprised of a flight vehicle and payload with modular capability allowing for rapid modification of the Electronic Warfare (EW) capability. LEED development executes under a middle tier rapid prototyping acquisition strategy pursuant to Section 804 of the FY16 National Defense Authorization Act. LEED will integrate with SLQ-32 and address EW gaps in response to a fleet requirement to counter legacy, modern, and future Anti-Ship Missile (ASM) threats. LEED will provide the fleet with enhanced EW coordination and capability, including the ability to stretch engagement timelines and counter heterogeneous missile attacks.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5530 / Anti-ship Missile Decoy System
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	5530 - ANTI SHIP MISSILE DECOY SYSTEM	P-5a			- / 298.110	- / 75.614	- / 50.741	- / 606.241	- / -	- / 606.241
P-40	**Total Gross/Weapon System Cost**				**- / 298.110**	**- / 75.614**	**- / 50.741**	**- / 606.241**	**- / 0.000**	**- / 606.241**

*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:

VV003: Funding is for Engineering Change Proposals (ECPs)/Ordnance Alterations (ORDALT) to address obsolescence, quality assurance, reliability, safety, Electromagnetic Interference (EMI), and diminishing manufacturing source issues. ECP funding will support DLS hardware updates including Circuit Card Assembly (CCA) redesigns and Power Supply System (PSS) modernization. Logistics funding will support maintenance of decoy and special purpose test equipment, non-recurring costs to produce engineering equipment, and configuration management tools for Flight Control Units (FCU MK I and FCU MK II), Propulsion Igniter Units, Thrust Control Units, Thermal Batteries, Spin Control Units and Rocket Motor Assemblies.

VV830: Funding is for Production Engineering support to the MK 234 Nulka Decoy, Nulka Kit Assemblies, Rocket Motor Assembly and Nulka Payloads.

VV500: Funding is to support AOEW closeout activities: ALQ-248 pods delivery to the Government, modeling and simulation completion and installation planning. Divestment of AOEW is starting in FY26. AOEW CDD was cancelled, and requirements were transferred to other programs.

VV200: Funding is for procurement of Nulka Kit Assemblies (includes varying quantities and combinations of: Flight Control Units, Propulsion Igniter Units, Thrust Control Units, Spin Control Units, and Thermal Batteries based on requirements). The Nulka Kit Assembly procurements are critical to extend the in-service life of the Nulka Round.

VV201: Funding is for procurement of Rocket Motor Assembly. The Rocket Motor Assembly (RMA) procurements are critical to extend the in-service life of the Nulka Round.

VV005: Funding is for procurement of Nulka Modified Payload and Nulka Payloads.

VV600: Funding is for procurement of MK-59 decoy systems plus government production support and installations.

VV700: Funding is for procurement of LEED Anti-Ship Missile Countermeasures, Launchers, and Decoy Launching Systems. Funding also includes ship integration for multiple ship classes, ship installations, engineering services, software upgrades, manufacturing improvements, and support costs.

VV800: Since the FY26 budget request, Congressional funding has been received for supporting Anti-Ship Missile defense by accelerating LEED transition to production, procuring MK-59 Decoy Countermeasures and installing MK-59.

VV900: FY27 funding was received for procurement of EW Suite Integration and Mod Kit Installations, Support Asset Modifications, and Targeting Simulator Modernization.

VV000: Funding is for FY24 Nulka Israel Security Replacement.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5530 / Anti-ship Missile Decoy System	**Aggregated Items Title:** 5530 - ANTI SHIP MISSILE DECOY SYSTEM

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) VV002 - NULKA DECOYS																				
1.1) Nulka Decoys	A		2,274K	1	2.274	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 1) VV002 - NULKA DECOYS			**-**	**-**	***2.274***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
2) VV003 - ENG CHANGE PROPOSALS (ECPs)/ILS SUPPORT																				
2.1) Engineering Change Proposals (1)	A		-	-	14.531	-	-	1.735	-	-	1.613	-	-	1.918	-	-	-	-	-	1.918
2.2) Logistics/ Production Support (2)	A		-	-	26.701	-	-	12.277	-	-	3.312	-	-	3.370	-	-	-	-	-	3.370
Subtotal: 2) VV003 - ENG CHANGE PROPOSALS (ECPs)/ILS SUPPORT			**-**	**-**	***41.232***	**-**	**-**	***14.012***	**-**	**-**	***4.925***	**-**	**-**	***5.288***	**-**	**-**	**-**	**-**	**-**	***5.288***
3) VV830 - PRODUCTION ENGINEERING																				
3.1) Production Engineering (3)	A		-	-	12.495	-	-	3.206	-	-	1.451	-	-	4.541	-	-	-	-	-	4.541
Subtotal: 3) VV830 - PRODUCTION ENGINEERING			**-**	**-**	***12.495***	**-**	**-**	***3.206***	**-**	**-**	***1.451***	**-**	**-**	***4.541***	**-**	**-**	**-**	**-**	**-**	***4.541***
4) VV500 - ADVANCED OFFBOARD/EW (4)																				
4.1) AOEW: AN/ ALQ-248 Pods	A		9,988K	4	39.953	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.2) AOEW: Production Support	A		-	-	5.731	-	-	0.047	-	-	-	-	-	-	-	-	-	-	-	-
4.3) AOEW: Ship Installation Planning	A		-	-	0.864	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4) AOEW: Ship Integration	A		-	-	0.382	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.6) AOEW: Spares	A		-	-	2.090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.7) AOEW: Engineering Services	A		-	-	2.262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 4) VV500 - ADVANCED OFFBOARD/EW			**-**	**-**	***51.282***	**-**	**-**	***0.047***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5) VV200 - NULKA KIT ASSEMBLIES																				
5.1) Nulka Kit Assemblies (5)(†)	A		258,170.00	300	77.451	339,275.00	40	13.571	-	-	-	359,486.00	37	13.301	-	-	-	359,486.00	37	13.301
Subtotal: 5) VV200 - NULKA KIT ASSEMBLIES			**-**	**-**	***77.451***	**-**	**-**	***13.571***	**-**	**-**	**-**	**-**	**-**	***13.301***	**-**	**-**	**-**	**-**	**-**	***13.301***
6) VV201 - ROCKET MOTOR ASSEMBLY (RMA)																				
6.1) Rocket Motor Assembly (RMA) (6)(†)	A		130,860.63	287	37.557	140,102.94	68	9.527	-	-	-	145,941.74	50	7.297	-	-	-	145,941.74	50	7.297
Subtotal: 6) VV201 - ROCKET MOTOR ASSEMBLY (RMA)			**-**	**-**	***37.557***	**-**	**-**	***9.527***	**-**	**-**	**-**	**-**	**-**	***7.297***	**-**	**-**	**-**	**-**	**-**	***7.297***
7) VV202 - CANISTER ASSEMBLY																				

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5530 / Anti-ship Missile Decoy System	**Aggregated Items Title:** 5530 - ANTI SHIP MISSILE DECOY SYSTEM

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)
7.1) Canister Assembly	A		53,000.00	60	3.180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 7) VV202 - CANISTER ASSEMBLY			**-**	**-**	***3.180***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
9) VV005 - NULKA PAYLOAD																				
9.1) Nulka Payload (7)(†)	A		550,009.90	101	55.551	-	-	-	-	-	-	765,750.00	25	19.144	-	-	-	765,750.00	25	19.144
9.2) Nulka Modified Payload	A		1,267K	10	12.674	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 9) VV005 - NULKA PAYLOAD			**-**	**-**	***68.225***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***19.144***	**-**	**-**	**-**	**-**	**-**	***19.144***
10) VV600 - MK 59																				
10.1) MK-59 Decoy and Launcher (8)(†)	A		-	-	-	779,387.00	31	24.161	523,000.00	5	2.615	876,000.00	10	8.760	-	-	-	876,000.00	10	8.760
10.2) MK-59 Production Support (9)	A		-	-	-	-	-	3.075	-	-	-	-	-	1.658	-	-	-	-	-	1.658
10.3) MK-59 Installation Planning (10)	A		-	-	-	-	-	1.520	-	-	-	-	-	1.560	-	-	-	-	-	1.560
10.4) MK-59 Installations (11)	A		-	-	-	-	-	6.495	-	-	3.762	-	-	15.423	-	-	-	-	-	15.423
Subtotal: 10) VV600 - MK 59			**-**	**-**	***0.000***	**-**	**-**	***35.251***	**-**	**-**	***6.377***	**-**	**-**	***27.401***	**-**	**-**	**-**	**-**	**-**	***27.401***
11) VV700 - Long Endurance Electronic Decoy (LEED) (12)																				
11.1) LEED Block 1 Countermeasure (13)	A		-	-	-	-	-	-	-	-	-	-	-	320.965	-	-	-	-	-	320.965
11.3) LEED Launcher (14)	A		-	-	-	-	-	-	-	-	-	-	-	77.664	-	-	-	-	-	77.664
11.4) LEED Decoy Launching Systems (15)	A		-	-	-	-	-	-	-	-	-	-	-	20.390	-	-	-	-	-	20.390
11.5) LEED Production Support (16)	A		-	-	-	-	-	-	-	-	1.865	-	-	46.778	-	-	-	-	-	46.778
11.6) LEED Ship Integration, Planning, and Installation (17)	A		-	-	-	-	-	-	-	-	1.250	-	-	5.879	-	-	-	-	-	5.879
11.7) LEED Engineering Services (18)	A		-	-	-	-	-	-	-	-	3.261	-	-	29.630	-	-	-	-	-	29.630

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5530 / Anti-ship Missile Decoy System	**Aggregated Items Title:** 5530 - ANTI SHIP MISSILE DECOY SYSTEM

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: 11) VV700 - Long Endurance Electronic Decoy (LEED)			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***6.376***	**-**	**-**	***501.306***	**-**	**-**	**-**	**-**	**-**	***501.306***
12) VV000 - Israel Security Replacement																				
12.1) Israel Security Replacement(†)	A		1,104K	4	4.414	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal: 12) VV000 - Israel Security Replacement			**-**	**-**	***4.414***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
13) VV800 - Cong Add ASM Decoys																				
13.1) Accelerate LEED Transition (19)	A		-	-	-	-	-	-	-	-	15.642	-	-	-	-	-	-	-	-	-
13.2) MK-59 Decoy and Launcher (20)	A		-	-	-	-	-	-	-	-	13.250	-	-	-	-	-	-	-	-	-
13.3) MK-59 Installations (21)	A		-	-	-	-	-	-	-	-	2.720	-	-	-	-	-	-	-	-	-
Subtotal: 13) VV800 - Cong Add ASM Decoys			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***31.612***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
14) VV900 - Electronic Warfare Integration and Modification																				
14.1) Shipboard EW Suite Integration and Modification Kit Procurement (22)(†)	A		-	-	-	-	-	-	-	-	-	4,154K	3	12.463	-	-	-	4,154K	3	12.463
14.3) Support Asset Procurement and Modification (23)	A		-	-	-	-	-	-	-	-	-	-	-	2.500	-	-	-	-	-	2.500
14.4) Targeting Simulator Modernization (24)	A		-	-	-	-	-	-	-	-	-	-	-	13.000	-	-	-	-	-	13.000
Subtotal: 14) VV900 - Electronic Warfare Integration and Modification			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	***27.963***	**-**	**-**	**-**	**-**	**-**	***27.963***
Total			**-**	**-**	**298.110**	**-**	**-**	**75.614**	**-**	**-**	**50.741**	**-**	**-**	**606.241**	**-**	**-**	**-**	**-**	**-**	**606.241**

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) VV003[2.1] - Funding is for ECPs/Ordnance Alterations (ORDALT) to address obsolescence, quality assurance, reliability, safety, Electromagnetic Interference (EMI), and diminishing manufacturing source issues. ECP funding will support DLS hardware updates including Circuit Card Assembly (CCA) redesigns, Power Supply System (PSS) modernization and DLMC. FY26 to FY27 funding for ECPs for Thrust Control Unit and Spin Control Unit and ORDALTs increased to meet fleet requirements.

(2) VV003[2.2] - Funding will support maintenance of decoy and special purpose test equipment, non-recurring costs to produce engineering equipment, and configuration management tools for Flight Control Units, Propulsion Igniter Units, Thrust Control Units, Thermal Batteries, Spin Control Units and Rocket Motor Assemblies. FCU MK II is a "form-fit" functional replacement for FCU MK I that addressed obsolescence and end of life items with new technology.

(3) VV830[3.1] - Funding supports Production Engineering efforts support MK 234 Nulka Decoy, Nulka Kit Assemblies, Rocket Motor Assembly and Nulka Payloads. FY26 to FY27 funding increased to meet fleet requirements.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5530 / Anti-ship Missile Decoy System	**Aggregated Items Title:** 5530 - ANTI SHIP MISSILE DECOY SYSTEM

(4) VV500[4.0] - Divestment of AOEW starting in FY26 resulted in cancellation of the AOEW CDD requirements and funding was transferred to other programs within BLI 5530 to support critical Fleet efforts.

(5) VV200[5.1] - Funding is for procurement of Nulka Kit Assembly required to extend the in-service life of the Nulka Round and support critical Fleet requirements. FY26 to FY27 funding and quantities for Nulka Kit Assembly increased due to Nulka service life extension requirements. Unit cost per fiscal year varies due to Kit variation.

(6) VV201[6.1] - Funding is for procurement of Rocket Motor Assembly, required to extend in service life of the Nulka round. FY26 to FY27 funding and unit cost increased due to certification of new material.

(7) VV005[9.1] - Funding is for procurement of Nulka Y Payloads to meet demand of increasing emergent critical Fleet requirements. FY26 to FY27 Nulka Payload cost increased to support the FY27 Nulka Y Payload requirements.

(8) VV600[10.1] - Funding is for procurement of MK-59 deployable decoy systems and additional rounds to meet critical Fleet requirements. The FY27 budget request supports the procurement of qty 10 MK-59 deployable decoy systems. Since the FY26 budget request, the program has received an updated vendor estimate reflected in the new contract awarded December 2025.

(9) VV600[10.2] - Production Support increases from FY26 to FY27 to support additional requirements based on production quantities in FY27.

(10) VV600[10.3] - Installation Planning funding increased from FY26 to FY27 to support required installations for the increased procurement quantities in FY27.

(11) VV600[10.4] - Funding is for Ship Infrastructure and Installations of the MK-59 deployable decoy systems. FY26 to FY27 increase is due to additional infrastructure requirements to align with additional rounds being procured in FY27.

(12) VV700: LEED is a Middle Tier of Acquisition (MTA) Rapid Prototype effort, including RDT&E and procurement of prototype units. LEED is replacing NULKA. LEED cannot instantaneously field across all navy ships (DDGs, CVNs, CGs, LHAs, LPDs, LSDs, LCCs, and FF(X)), as such NULKA requires funding in order to ensure the Fleet does not lose capability until LEED is fielded in notable quantities across the Navy. NULKA program does have plans to procure parts to maintain currently fielded systems until 2040, and in some instances, improve capability based on the planned budget. These improvements are intended to limit the current, and growing, capability gap until LEED is fielded. Prototype systems are being funded via RDT&E in FY26. OPN funding for LEED starts in FY27.

(13) VV700[11.1] - Funding is for the procurement of LEED Block 1 Countermeasures designed to defeat Anti-Ship Missiles. A Countermeasure includes the air-vehicle which flies the countermeasure and the electronic warfare payload. FY27 funding enables production of countermeasures supporting ship terminal defense.

(14) VV700[11.3] - Funding is for procurement of LEED Launchers. Launchers integrate with the LEED Decoy Launching System and fire the LEED Countermeasure.

(15) VV700[11.4] - Funding is for the procurement of LEED Decoy Launching Systems (DLS). One shipset includes all permanent shipboard hardware needed to operate and maintain the LEED system.

(16) VV700[11.5] - Funding is for Production Support: Includes integrated product support, operator and maintainer training updates, systems engineering, technical and software support from warfare centers, field activities and other vendors required for the LEED program. Includes Softkill Coordination System (SKCS) integration and support. Includes depot stand up planning, management, and implementation, test set procurement, mission data file / tactic advancements and integration, and integrated systems of systems advancement and support. FY26 to FY27 funding increase aligns with requirement for increased depot support for units being fielded and modified tactical uses cases.

(17) VV700[11.6] - Funding is for Ship Integration, Planning, and Installation: Includes topside studies, certification activities, Design Service Allocation (DSA) services, Advanced Planning (AP), system installation cost, and other Decoy Launching System (DLS) integration activities. FY26 to FY27 funding increase supports required Fleet ramp-up of ship installations.

(18) VV700[11.7] - Funding is for Engineering Services: Engineering Services include system improvement initiatives and ECPs (Engineering Change Proposals). Also includes initiatives related to payload weight reduction, turbogenerator improvements, isolation, and other payload and flight vehicle advancements, and contractor initiatives to improve production efficiency and facilitate successful transition to production. FY26 to FY27 funding increase aligns with transition of prototype system to production and necessary modifications.

(19) VV800[13.1] -Funding accelerates LEED transition efforts by funding ship-specific installation packages, executing topside studies for future ship classes, and incorporating engineering improvements found through testing to expedite system delivery.

(20) VV800[13.2] - Funding is for the procurement of MK-59 rounds to meet critical Fleet requirements.

(21) VV800[13.3] - Funding is for Ship Infrastructure and Installation of the MK-59 deployable decoy systems.

(22) VV900[14.1] - Funding is for the procurement of EW Suite Modification Kits. Kits enable the LEED system to integrate with the AN/SLQ-32 Soft Kill-Coordinator System and subsequent larger Combat System. The kits also enable better overall system operational availability, multi-system operations, and platform for Artificial Intelligence and Machine Learning improvements.

(23) VV900[14.3] - Funding is for Asset Procurement and Modifications. This supports hardware needed to verify LEED payload operation to include improvements to the Decoy Measurement System (DMS), equipment to replace obsolete and end of life components in existing EW verification and validation assets, update EW verification and validation assets to align LEED and EW system operational capabilities, and procure production facility acceptance equipment.

(24) VV900[14.4] - Funding supports modernizing the Central Targeting Simulator (CTS). This modernization applies to the existing CTS supporting Anti-Ship Missile to EW countermeasures simulations and is required to integrate and account for improved EW capabilities offered by the LEED system. Modernization is also required to integrate LEED with other EW systems enabling multi-system simulations.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	P-1 Line Item Number / Title: 5530 / Anti-ship Missile Decoy System	Aggregated Items: 5530 - ANTI SHIP MISSILE DECOY SYSTEM

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) VV200 - NULKA KIT ASSEMBLIES												
5.1) Nulka Kit Assemblies (5)		2023	BAES / AUSTRALIA	C / FFP	Canberra, Australia	Jan 2023	Sep 2026	81	298,641.98	Y		
5.1) Nulka Kit Assemblies (5)		2024	BAES / AUSTRALIA	C / FFP	Canberra, Australia	Jan 2024	Aug 2027	86	335,209.30	Y		
5.1) Nulka Kit Assemblies (5)		2025	BAES / AUSTRALIA	C / FFP	Canberra, Australia	Jan 2025	Aug 2028	40	339,275.00	Y		
5.1) Nulka Kit Assemblies (5)		2027	BAES / AUSTRALIA	C / FFP	Canberra, Australia	Jan 2027	Aug 2029	37	359,486.00	Y		
6) VV201 - ROCKET MOTOR ASSEMBLY (RMA)												
6.1) Rocket Motor Assembly (RMA) (6)		2023	BAES / AUSTRALIA	C / CPFF	Canberra, Australia	Dec 2022	Jun 2026	100	131,410.00	Y		
6.1) Rocket Motor Assembly (RMA) (6)		2025	BAES / AUSTRALIA	C / CPFF	Canberra, Australia	Dec 2024	Sep 2027	68	140,102.94	Y		
6.1) Rocket Motor Assembly (RMA) (6)		2027	BAES / AUSTRALIA	C / CPFF	Canberra, Australia	Dec 2026	Jun 2028	50	145,941.74	Y		
9) VV005 - NULKA PAYLOAD												
9.1) Nulka Payload (7)		2021	Harris / Clifton, NJ	SS / CPFF	Washington Navy Yard	Sep 2021	Jul 2026	32	589,719.00	Y		
9.1) Nulka Payload (7)		2022	Harris / Clifton, NJ	SS / CPFF	Washington Navy Yard	Sep 2022	Jan 2027	38	498,052.63	Y		
9.1) Nulka Payload (7)		2023	Harris / Clifton, NJ	SS / CPFF	Washington Navy Yard	Sep 2023	Oct 2027	31	572,709.00	Y		
9.1) Nulka Payload (7)		2027	Harris / Clifton, NJ	SS / CPFF	Washington Navy Yard	Sep 2027	Oct 2031	25	765,750.00	Y		
10) VV600 - MK 59												
10.1) MK-59 Decoy and Launcher (8)		2025	TBD / Washington Navy Yard, DC	SS / FFP	Washington Navy Yard	Dec 2025	Dec 2026	31	779,387.00	Y		
10.1) MK-59 Decoy and Launcher (8)		2026	TBD / Washington Navy Yard, DC	SS / FFP	Washington Navy Yard	May 2026	May 2027	5	523,000.00	Y		
10.1) MK-59 Decoy and Launcher (8)		2027	TBD / Washington Navy Yard, DC	SS / FFP	Washington Navy Yard	May 2027	May 2028	10	876,000.00	Y		
12) VV000 - Israel Security Replacement												
12.1) Israel Security Replacement		2024	BAES/AUSTRALIA / UNKNOWN	C / CPFF	Canberra, Australia	Mar 2025	Mar 2027	4	1,104K	N		
14) VV900 - Electronic Warfare Integration and Modification												
14.1) Shipboard EW Suite Integration and Modification Kit Procurement (22)		2027	Lockheed Martin / Syracuse, NY	C / FFP	Washington Navy Yard	May 2027	Nov 2028	3	4,154K	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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5661 / Submarine Training Device Mods

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)*	578.601	80.236	77.889	73.681	0.000	73.681	81.899	129.753	132.810	103.789	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	578.601	80.236	77.889	73.681	0.000	73.681	81.899	129.753	132.810	103.789	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**578.601**	**80.236**	**77.889**	**73.681**	**0.000**	**73.681**	**81.899**	**129.753**	**132.810**	**103.789**	**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 OPN 5661 line procures, installs and delivers training devices to eight Submarine Training Facilities. These funds support Hull, Mechanical, and Electrical (HM&E), Engineering, Navigation and Combat Control System training requirements, training system upgrades and modernization for the Submarine Weapon Systems. Training devices develop system operations from basic through advanced seamanship skills to submarine crews utilized in all submarine mission sets. Funding includes modernization of training devices to maintain compatibility with existing fleet operational equipment and to implement Trainer Enhancement Changes (TECs) as directed by the Fleet Type Commanders.

Line item 5661 is broken into five functional areas to support submarine training: Hull Mechanical & Electrical Trainers (HM&E), Engineering Trainers, Navigation Trainers, Combat Control Acoustic Trainers and Submarine Attack Center Trainers.

[P40A / Submarine Training]: This line provides funds to procure and modernize training devices to keep them compatible with Fleet operational equipment and to implement Training Enhancement Changes (TECs) to the training systems.

[P40A / TD 100 HM&E TRAINERS]: This line procures HM&E Fleet and Team Trainer Technical Training Equipment (TTE), Training Devices (TDs) and Training Enhancement Changes (TECs). Technical Training Equipment/Training Devices sustain high fidelity training and replaces equipment beyond economical repair or procures new equipment. Funds procure Submarine High Risk Trainer subsystems to meet requirements for Submarine Ship Control Operator Trainers (SCOT), Fire Fighting Trainers, Pressurized Submarine Escape Trainers and Damage Control Wet Trainers. This line also provides configuration changes for the Submarine Multipurpose Reconfigurable Training System (MRTS). The MRTS/MRTS 3D family includes VA CLASS Torpedo Room, Emergency Diesel Generator, Weapons Launch Console Team Trainer, VISIT and C4I Radio Room trainers. These training systems and TECs are identified by the Submarine Learning Center (SLC) and approved by the Fleet Type Commanders, for use at the Submarine Training Facilities.

[P40A / TD200 ENGINEERING TRAINERS]: This line procures and installs Nuclear Propulsion Plant Fleet Interactive Display Equipment (FIDE) trainers, Virtual Interactive Display Equipment (VIDE) trainers, Virtual Fleet Training Devices, Basic Maintenance Course, Training Enhancement Changes (TECs), Multipurpose Reconfigurable Training Systems and other Navy Engineering Training devices for use at the Submarine Training Facilities. FIDE is required by NAVSEA 08 to provide advanced shore-based nuclear operator training. FIDEs support multiple ship classes and configurations at seven different geographic sites and Portsmouth Naval Shipyard, each requiring different levels of installation work. These training systems and TECs are identified by the Submarine Learning Center (SLC) and approved by the Fleet Type Commanders, for use at the Submarine Training Facilities.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5661 / Submarine Training Device Mods	
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 / TD 300 NAVIGATION TRAINERS]: Navigation Safety of Ship Trainer line procures Submarine Fleet and Team Navigation training devices which emulate surfaced and submerged Submarine characteristics. Navigation training systems include, but are not limited to: Virtual Reality Submarine (VRSUB), Submarine Piloting and Navigation Trainers (SPAN), Reconfigurable SPAN (RSPAN), Submarine Bridge Trainer/Integrated SPAN (SBT/ISPAN) and associated upgrades to all Homeports, Navigation Databases, Periscope Simulation (PSIM), Harbor Databases, Navy Electronic Chart Display and Information Systems (N-ECDIS), Automated Information System (AIS) and Mariner Skills Labs. Single Story Bridge Trainers (LED Panel Rings) will be procured for Homeports in lieu of a MILCON project as applicable to Submarine Training Facilities space limitations. The SBT/ISPAN is comprised of Virtual Tactical, Beam Forming Sonar Simulation Trainer (VTAC-BSST), Voyage Management System (VMS), N-ECDIS, RADAR Simulation, Navigation Aids, Periscope Simulation (PSIM), and Harbor Databases. These training systems and Training Enhancement Changes (TECs) are identified by the Submarine Learning Center (SLC) and approved by the Fleet Type Commanders, for use at the Submarine Training Facilities.

[P40A / TD 400 COMBAT CONTROL ACOUSTIC TRAINERS]: This line procures Submarine Common Operational Analysis and Employment Trainer (COAET) fundamental and employment skill level, Sonar Employment Trainer (SET) and Beam Forming Sonar Simulation Trainers (BSST). These trainers provide the acoustic operator employment skills and team training for fleet requirements. Funds also provide for TECs, Virtualized Tactical Control (VTAC), Periscope Simulation (PSIM), Submarine Skills Network (SUBSKILLSNET), Weapons Control, Mission Payload Control, Advanced Processing Build (APB)/ Technical Insertion (TI),and Sonar Tactical Decision Aid (STDA) implementation. The Sonar Employment Trainer (SET) provides acoustic operator employment Fleet and team training for submarine sonar systems. SET is used to train advanced operators in the Advanced Sonar Employment and Sonar Supervisor courses. The SET is periodically upgraded to support current software Advanced Processor Builds (APBs) and Technical Insertions (TIs). Live Signal Playback capability is provided from this line for the SET, COAET and Multi-Purpose Interactive Trainer (MIT) with Submarine Training And Tactics Unified Schoolhouse (STRATUS) to support distance training. COAET provides operator and introductory team training to submarine force personnel prior to entry into the Submarine Multi Mission Team Trainer (SMMTT) as well as supplemental training to off-load the heavily utilized submarine attack center trainers. COAET utilizes partial tactical builds and emulations of the latest Sonar, Combat Control, Imaging and Electronic Warfare Systems which provide an environment substantially equivalent to that found on board ship, thus enabling students to develop and maintain the attack center familiarization to support Fleet operations. COAET supports individual operator/pipeline training at the Submarine Training Facilities. These training systems and Training Enhancement Changes (TECs) are identified by the Submarine Learning Center (SLC) and approved by the Fleet Type Commanders, for use at the Submarine Training Facilities.

[P40A / TD 500 ATTACK CENTER TRAINERS]: SUBMARINE MULTI MISSION TEAM TRAINER (SMMTT) line procures shore based Combat System Team Trainers capable of training personnel in all aspects of submarine approach, attack and surveillance operations in a controlled, simulated environment to achieve submarine force readiness levels. The requirement matches the shore based configuration to the fleet modernized Hardware/Software(HW/SW) tactical builds. This includes the required capability to connect Attack Centers internally or externally using point to point technologies for dual crew training on Cooperative Engagement, Undersea Battle Problems and Extended Battle Problems as directed by the Fleet and the Aggressor Squadron. SMMTT trainer supports operator, employment, strike, and Battle Group training for enlisted and officer pipelines. SMMTT supports SSN/SSGN/SSBN crew certification and Fleet Responsive Training. SMMTT integrates Combat Control, Acoustics and Electronic Warfare systems with the All World Environment Simulation to provide realistic simulation using Authorized Navy databases and programs. This line includes modifications to the functionality of the Periscope Simulator (PSIM) to provide common imaging training for submarine attack centers. Submarine attack centers support real world recorded sensor data for playback in the training environment. This line also includes Engineering Production Model (EPM) to manage the additional TI/APB and Trainer Enhancement requirements as directed by the TYCOM. These training systems and Training Enhancement Changes (TECs) are identified by the Submarine Learning Center (SLC) and approved by the Fleet Type Commanders, for use at the Submarine Training Facilities.

[P3A / Submarine Attack Center Modifications]: Submarine Attack Center Modifications line upgrades hardware, software and simulation to match current Fleet configurations.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5661 / Submarine Training Device Mods
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 Training	P-5a			- / 362.339	- / 68.117	- / 65.529	- / 61.075	- / -	- / 61.075
P-3a	1 / Submarine Attack Center Modifications (TBD)				- / 216.262	- / 12.119	- / 12.360	- / 12.606	- / 0.000	- / 12.606
P-40	**Total Gross/Weapon System Cost**				**- / 578.601**	**- / 80.236**	**- / 77.889**	**- / 73.681**	**- / 0.000**	**- / 73.681**

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 Training	P-5a			- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / Submarine Attack Center Modifications (TBD)				- / 12.857	- / 13.114	- / 13.388	- / 13.689	- / 1.770	- / 308.165
P-40	**Total Gross/Weapon System Cost**				**- / 81.899**	**- / 129.753**	**- / 132.810**	**- / 103.789**	**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 overall FY2027 budget decreased in value as compared to FY2026. The budget supports Undersea Warfare requirements. FY2027 adds funding for procurement and delivery of Columbia Class trainer equipment. This budget will allow the ability to support crew certification and deployment events for Columbia readiness.

TD 300 NAVIGATION TRAINERS -

3.1 NAVIGATION SAFETY OF SHIP TRAINERS- FY2027 procures two modernization kits to update the Submarine Bridge Trainer for Navigation Training. TYCOM requirement. In addition, starting in FY27, this line includes 3.2) SSBN SAFETY OF SHIP TRAINERS due to the procurement and final delivery of the trainers resulting in the trainers shifting to modernization and tech refresh cycle.

TD 500 ATTACK CENTER TRAINERS

5.4 COLUMBIA SMMTT EPM - new requirement starting FY2027 to support the Engineering Production Model for Columbia Class training to support crew certification and Demonstration and Shakedown Operation (DASO) training as directed by the Fleet.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5661 / Submarine Training Device Mods	**Aggregated Items Title:** Submarine Training

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) TD 100 HM&E TRAINERS																				
1.1) HIGH RISK TRAINERS (1)(†)	A		1,338K	8	10.705	1,866K	2	3.733	1,904K	2	3.807	1,942K	1	1.942	-	-	-	1,942K	1	1.942
1.2) SUBMARINE TRAINING DEVICES (2)	A		-	-	25.821	-	-	1.729	-	-	1.763	-	-	1.457	-	-	-	-	-	1.457
1.3) SHIP CONTROL TRAINERS (3)(†)	A		1,124K	8	8.993	1,180K	2	2.360	1,204K	2	2.407	1,228K	2	2.455	-	-	-	1,228K	2	2.455
Subtotal: 1) TD 100 HM&E TRAINERS			**-**	**-**	***45.519***	**-**	**-**	***7.822***	**-**	**-**	***7.977***	**-**	**-**	***5.854***	**-**	**-**	**-**	**-**	**-**	***5.854***
2) TD200 ENGINEERING TRAINERS																				
2.1) FIDE (4)(†)	A		10,569K	4	42.275	3,695K	1	3.695	3,000K	1	3.000	2,500K	1	2.500	-	-	-	2,500K	1	2.500
2.2) VIRTUAL FLEET TRAINING DEVICES (5)(†)	A		3,510K	4	14.042	1,930K	1	1.930	1,968K	1	1.968	2,007K	1	2.007	-	-	-	2,007K	1	2.007
2.3) CURRICULA AND TRAINING MATERIALS (6)	A		-	-	2.198	-	-	0.848	-	-	0.864	-	-	0.718	-	-	-	-	-	0.718
Subtotal: 2) TD200 ENGINEERING TRAINERS			**-**	**-**	***58.515***	**-**	**-**	***6.473***	**-**	**-**	***5.832***	**-**	**-**	***5.225***	**-**	**-**	**-**	**-**	**-**	***5.225***
3) TD 300 NAVIGATION TRAINERS																				
3.1) NAVIGATION SAFETY OF SHIP TRAINERS (7)(†)	A		2,743K	11	30.175	3,961K	2	7.922	4,040K	2	8.080	4,121K	2	8.242	-	-	-	4,121K	2	8.242
3.2) SSBN SAFETY OF SHIP TRAINERS (8)(†)	A		2,271K	7	15.895	1,523K	1	1.523	703,000.00	1	0.703	-	-	-	-	-	-	-	-	-
3.3) COLUMBIA SAFETY OF SHIP TRAINER (9)	A		-	-	-	-	-	-	-	-	3.000	-	-	-	-	-	-	-	-	-
3.5) ENGINEERING SUPPORT (10)(†)	A		874,000.00	7	6.118	916,000.00	2	1.832	934,000.00	2	1.868	852,500.00	1	0.853	-	-	-	852,500.00	1	0.853
Subtotal: 3) TD 300 NAVIGATION TRAINERS			**-**	**-**	***52.188***	**-**	**-**	***11.277***	**-**	**-**	***13.651***	**-**	**-**	***9.095***	**-**	**-**	**-**	**-**	**-**	***9.095***
4) TD 400 COMBAT CONTROL ACOUSTIC TRAINERS																				
4.1) FLEET RESPONSIVE TEAM TRAINERS (11)(†)	A		1,246K	17	21.182	1,308K	5	6.541	1,334K	1	1.334	1,360K	1	1.360	-	-	-	1,360K	1	1.360
4.4) ENGINEERING TECH SUPPORT (12)	A		-	-	2.160	-	-	1.012	-	-	1.032	-	-	0.852	-	-	-	-	-	0.852
Subtotal: 4) TD 400 COMBAT CONTROL ACOUSTIC TRAINERS			**-**	**-**	***23.342***	**-**	**-**	***7.553***	**-**	**-**	***2.366***	**-**	**-**	***2.212***	**-**	**-**	**-**	**-**	**-**	***2.212***

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5661 / Submarine Training Device Mods	**Aggregated Items Title:** Submarine Training

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) TD 500 ATTACK CENTER TRAINERS																				
5.1) SUBMARINE ATTACK CENTERS (13)(†)	A		5,845K	16	93.518	6,138K	4	24.550	6,260K	4	25.041	6,385K	4	25.541	-	-	-	6,385K	4	25.541
5.2) SSBN, SSGN, SSN EPM (14)(†)	A		3,668K	7	25.673	3,836K	2	7.672	3,912K	2	7.825	3,990K	2	7.981	-	-	-	3,990K	2	7.981
5.4) COLUMBIA SMMTT EPM (15)(†)	A		-	-	-	-	-	-	-	-	-	3,991K	1	3.991	-	-	-	3,991K	1	3.991
5.6) SMMTT TECH SUPPORT (16)	A		-	-	63.584	-	-	2.770	-	-	2.837	-	-	1.176	-	-	-	-	-	1.176
Subtotal: 5) TD 500 ATTACK CENTER TRAINERS			**-**	**-**	***182.775***	**-**	**-**	***34.992***	**-**	**-**	***35.703***	**-**	**-**	***38.689***	**-**	**-**	**-**	**-**	**-**	***38.689***
Total			**-**	**-**	**362.339**	**-**	**-**	**68.117**	**-**	**-**	**65.529**	**-**	**-**	**61.075**	**-**	**-**	**-**	**-**	**-**	**61.075**

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 HIGH RISK TRAINERS - FY2027 funding supports procurement of one High Risk Trainer equipment suites in order to meet Fleet training requirements.

(2) 1.2 SUBMARINE TRAINING DEVICES - FY2027 procures initial design and demolition of the submarine Fire Fighting Trainer. In addition, it provides funding to upgrade damage control trainers.

(3) 1.3 SHIP CONTROL TRAINERS - FY2027 procures two Ship Control Operator Trainer Technical Refreshes. TYCOM Requirement.

(4) 2.1 FIDE - FY2027 procures Submarine Basic Maintenance Course and FIDE training laboratories and training devices required to support Nuclear Maintenance and operator training. Includes site survey, site preparation, modernization and trainer delivery for S6G, S8G, S9G, S1B, A4W, A1B and CVN77 Nuclear Power Operator Trainers. SEA08/TYCOM requirement.

(5) 2.2 VIRTUAL FLEET TRAINING DEVICES - FY2027 procures a Virtual Fleet Training Device including a training laboratory and training equipment required to support virtual reality and augmented reality Fleet training. Includes site survey, site preparation, modernization and trainer delivery. TYCOM requirement.

(6) 2.3 CURRICULA AND TRAINING MATERIALS - FY2027 procures curricula and training support materials for NAVSEA cognizant technical training courses of instruction. TYCOM requirement.

(7) 3.1 NAVIGATION SAFETY OF SHIP TRAINERS- FY2027 procures two modernization kits to update the Submarine Bridge Trainer for Navigation Training. TYCOM requirement. In addition, starting in FY27, this line includes 3.2) SSBN SAFETY OF SHIP TRAINERS due to the procurement and final delivery of the trainers resulting in the trainers shifting to modernization and tech refresh cycle.

(8) 3.2 SSBN SAFETY OF SHIP TRAINERS - FY27 consolidates this line with 3.1) NAVIGATION SAFETY OF SHIP TRAINERS due to the procurement and final delivery of the trainers resulting in the trainers shifting to modernization and tech refresh cycle.

(9) 3.3 COLUMBIA SAFETY OF SHIP TRAINER - FY2027 no funds are required for this trainer.

(10) 3.5 ENGINEERING SUPPORT - FY2027 procures engineering support and modernization for Submarine Navigation Training devices which directly supports the Navigation Trainer Requirements.

(11) 4.1 FLEET RESPONSIVE TEAM TRAINERS - FY2027 procures one Sonar Employment Trainer (SET) to support officer and enlisted pipeline training and Fleet responsive training. Supports TYCOM requirement for pipeline and accession training.

(12) 4.4 ENGINEERING TECH SUPPORT - FY2027 funds Cyber Security, Multi-Purpose Interactive Trainer (MIT) and Submarine Training And Tactics Unified Schoolhouse (STRATUS) engineering support. This also includes engineering support for Common Operations Acoustic Employment Trainer (COAET) and Sonar Employment Trainer (SET).

(13) 5.1 SUBMARINE ATTACK CENTERS- FY2027 procures four Submarine Attack Center modernization efforts to include procurements related to TI/APB modernization hardware and software for SSN/SSBN/SSGN submarine attack centers. One attack center per quarter will be assembled and delivered per TYCOM approved Trainer modernization plan. These trainers are required to match trainer configuration with Tactical Fleet configuration to enable new capabilities in the Submarine Attack Centers. Trainers support crew certification, pre-deployment training, Undersea Battle Problems and Extended Battle Problems as directed by the Fleet and the Aggressor Squadron. Trainers are critical to Fleet readiness to ensure warfighters train ashore with the modernized combat, payload, acoustic, imaging, and electronic warfare systems. TYCOM requirement.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5661 / Submarine Training Device Mods	**Aggregated Items Title:** Submarine Training

(14) 5.2 SSBN, SSGN, SSN EPM - FY2027 procures two Engineering Production Models at the Warfare Centers. This effort is critical to trainer lifecycle support, engineering changes and updates without disruption of training at the Submarine Training Facilities. Includes 688, VA, SSGN, SSBN, and CLB EPMs in accordance with TYCOM approved Program of Record.

(15) 5.4 COLUMBIA SMMTT EPM - new requirement starting FY2027 to support the Engineering Production Model for Columbia Class training to support crew certification and Demonstration and Shakedown Operation (DASO) training as directed by the Fleet.

(16) 5.6 SMMTT TECH SUPPORT - FY2027 provides engineering tech support for Submarine Attack Center capabilities as directed by the TYCOMs.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	P-1 Line Item Number / Title: 5661 / Submarine Training Device Mods	Aggregated Items: Submarine Training

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) TD 100 HM&E TRAINERS												
1.1) HIGH RISK TRAINERS (1)		2021	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2020	Apr 2021	2	855,500.00	Y		
1.1) HIGH RISK TRAINERS (1)		2022	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Mar 2022	Sep 2022	2	872,500.00	Y		
1.1) HIGH RISK TRAINERS (1)		2023	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2022	Apr 2023	2	1,794K	Y		
1.1) HIGH RISK TRAINERS (1)		2024	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2023	Apr 2024	2	1,830K	Y		
1.1) HIGH RISK TRAINERS (1)		2025	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2024	Apr 2025	2	1,866K	Y		
1.1) HIGH RISK TRAINERS (1)		2026	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2025	Apr 2026	2	1,904K	Y		
1.1) HIGH RISK TRAINERS (1)		2027	ELECTRIC BOAT / NEW LONDON	C / TBD	** NO PCO **	Oct 2026	Apr 2027	1	1,942K	N		
1.3) SHIP CONTROL TRAINERS (3)		2021	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2020	Apr 2021	2	1,092K	Y		
1.3) SHIP CONTROL TRAINERS (3)		2022	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Feb 2022	Aug 2022	2	1,113K	Y		
1.3) SHIP CONTROL TRAINERS (3)		2023	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2022	Apr 2023	2	1,135K	Y		
1.3) SHIP CONTROL TRAINERS (3)		2024	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2023	Apr 2024	2	1,157K	Y		
1.3) SHIP CONTROL TRAINERS (3)		2025	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2024	Apr 2025	2	1,180K	Y		
1.3) SHIP CONTROL TRAINERS (3)		2026	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2025	Apr 2026	2	1,204K	Y		
1.3) SHIP CONTROL TRAINERS (3)		2027	ELECTRIC BOAT / NEW LONDON	C / TBD	** NO PCO **	Oct 2026	Apr 2027	2	1,228K	N	Oct 2026	
2) TD200 ENGINEERING TRAINERS												
2.1) FIDE (4)		2021	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2020	Apr 2021	1	3,538K	Y		
2.1) FIDE (4)		2022	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Apr 2022	Oct 2022	1	3,608K	Y		
2.1) FIDE (4)		2023	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2022	Apr 2023	1	3,580K	Y		
2.1) FIDE (4)		2024	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2023	Apr 2024	1	3,623K	Y		
2.1) FIDE (4)		2025	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2024	Apr 2025	1	3,695K	Y		
2.1) FIDE (4)		2026	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2025	Apr 2026	1	3,000K	Y		
2.1) FIDE (4)		2027	ELECTRIC BOAT / NEW LONDON	C / TBD	** NO PCO **	Oct 2026	Apr 2027	1	2,500K	N	Oct 2026	

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
2.2) VIRTUAL FLEET TRAINING DEVICES [5]		2021	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2020	Jul 2021	1	1,786K	Y		
2.2) VIRTUAL FLEET TRAINING DEVICES [5]		2022	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Mar 2022	Sep 2022	1	1,821K	Y		
2.2) VIRTUAL FLEET TRAINING DEVICES [5]		2023	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2022	Apr 2023	1	1,857K	Y		
2.2) VIRTUAL FLEET TRAINING DEVICES [5]		2024	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2023	Apr 2024	1	1,893K	Y		
2.2) VIRTUAL FLEET TRAINING DEVICES [5]		2025	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2024	Apr 2025	1	1,930K	Y		
2.2) VIRTUAL FLEET TRAINING DEVICES [5]		2026	ELECTRIC BOAT / NEW LONDON	C / CPFF	** NO PCO **	Oct 2025	Apr 2026	1	1,968K	Y		
2.2) VIRTUAL FLEET TRAINING DEVICES [5]		2027	ELECTRIC BOAT / NEW LONDON	C / TBD	** NO PCO **	Oct 2026	Apr 2027	1	2,007K	N	Oct 2025	
3) TD 300 NAVIGATION TRAINERS												
3.1) NAVIGATION SAFETY OF SHIP TRAINERS [7]		2021	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2020	Apr 2022	2	3,662K	Y		Jan 2020
3.1) NAVIGATION SAFETY OF SHIP TRAINERS [7]		2022	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Jun 2022	Dec 2023	2	3,734K	Y		Mar 2022
3.1) NAVIGATION SAFETY OF SHIP TRAINERS [7]		2023	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2022	Apr 2024	2	3,808K	Y		Oct 2022
3.1) NAVIGATION SAFETY OF SHIP TRAINERS [7]		2024	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2023	Apr 2025	2	3,884K	Y		Mar 2023
3.1) NAVIGATION SAFETY OF SHIP TRAINERS [7]		2025	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2024	Apr 2026	2	3,961K	Y		Mar 2024
3.1) NAVIGATION SAFETY OF SHIP TRAINERS [7]		2026	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2025	Apr 2027	2	4,040K	Y		Apr 2025
3.1) NAVIGATION SAFETY OF SHIP TRAINERS [7]		2027	NUWC NPT / NEWPORT, RI/CD	C / TBD	** NO PCO **	Oct 2026	Apr 2028	2	4,121K	N	Oct 2026	
3.2) SSBN SAFETY OF SHIP TRAINERS [8]		2021	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Sep 2021	Mar 2023	2	2,302K	Y		Jan 2020
3.2) SSBN SAFETY OF SHIP TRAINERS [8]		2022	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Jun 2022	Dec 2023	2	2,348K	Y		Jan 2021
3.2) SSBN SAFETY OF SHIP TRAINERS [8]		2023	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2022	Apr 2024	2	2,366K	Y		Feb 2022

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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
3.2) SSBN SAFETY OF SHIP TRAINERS (8)		2024	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2023	Apr 2025	1	1,860K	Y		Feb 2023
3.2) SSBN SAFETY OF SHIP TRAINERS (8)		2025	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2024	Apr 2026	1	1,523K	Y		Feb 2024
3.2) SSBN SAFETY OF SHIP TRAINERS (8)		2026	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2025	Apr 2027	1	703,000.00	Y		Feb 2025
3.5) ENGINEERING SUPPORT (10)		2021	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2020	Apr 2022	2	847,500.00	Y		
3.5) ENGINEERING SUPPORT (10)		2022	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Feb 2022	Aug 2023	1	864,000.00	Y		
3.5) ENGINEERING SUPPORT (10)		2023	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2022	Apr 2024	2	881,000.00	Y		
3.5) ENGINEERING SUPPORT (10)		2024	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2023	Apr 2025	2	898,500.00	Y		
3.5) ENGINEERING SUPPORT (10)		2025	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2024	Apr 2026	2	916,000.00	Y		
3.5) ENGINEERING SUPPORT (10)		2026	NUWC NPT / NEWPORT, RI/CD	C / CPFF	** NO PCO **	Oct 2025	Apr 2027	2	934,000.00	Y		
3.5) ENGINEERING SUPPORT (10)		2027	NUWC NPT / NEWPORT, RI/CD	C / TBD	** NO PCO **	Oct 2026	Apr 2028	1	852,500.00	N	Oct 2026	
4) TD 400 COMBAT CONTROL ACOUSTIC TRAINERS												
4.1) FLEET RESPONSIVE TEAM TRAINERS (11)		2021	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Oct 2020	Apr 2022	4	1,220K	Y		Jan 2020
4.1) FLEET RESPONSIVE TEAM TRAINERS (11)		2022	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Jun 2022	Dec 2023	5	1,233K	Y		Mar 2022
4.1) FLEET RESPONSIVE TEAM TRAINERS (11)		2023	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Oct 2022	Apr 2024	5	1,258K	Y		Jun 2022
4.1) FLEET RESPONSIVE TEAM TRAINERS (11)		2024	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Oct 2023	Apr 2025	3	1,283K	Y		Mar 2023
4.1) FLEET RESPONSIVE TEAM TRAINERS (11)		2025	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Oct 2024	Apr 2026	5	1,308K	Y		Mar 2024
4.1) FLEET RESPONSIVE TEAM TRAINERS (11)		2026	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Oct 2025	Apr 2027	1	1,334K	Y		Mar 2025
4.1) FLEET RESPONSIVE TEAM TRAINERS (11)		2027	NUWC NPT / NEWPORT, RI	C / TBD	** NO PCO **	Oct 2026	Apr 2028	1	1,360K	N	Oct 2026	
5) TD 500 ATTACK CENTER TRAINERS												
5.1) SUBMARINE ATTACK CENTERS (13)		2021	NSWC CD / BETHESDA, MD	C / CPFF	** NO PCO **	Mar 2021	Jul 2022	4	5,673K	Y		Jan 2020
5.1) SUBMARINE ATTACK CENTERS (13)		2022	NSWC CD / BETHESDA, MD	C / CPFF	** NO PCO **	Jun 2022	Jul 2023	4	5,786K	Y		Mar 2022

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
5.1) SUBMARINE ATTACK CENTERS (13)		2023	NSWC CD / BETHESDA, MD	C / CPFF	** NO PCO **	Jan 2023	Jul 2024	4	5,902K	Y		Jun 2022
5.1) SUBMARINE ATTACK CENTERS (13)		2024	NSWC CD / BETHESDA, MD	C / CPFF	** NO PCO **	Jan 2024	Jul 2025	4	6,019K	Y		Jun 2023
5.1) SUBMARINE ATTACK CENTERS (13)		2025	NSWC CD / BETHESDA, MD	C / CPFF	** NO PCO **	Jan 2025	Jul 2026	4	6,138K	Y		Jun 2024
5.1) SUBMARINE ATTACK CENTERS (13)		2026	NSWC CD / BETHESDA, MD	C / CPFF	** NO PCO **	Jan 2026	Jul 2027	4	6,260K	Y		Jun 2025
5.1) SUBMARINE ATTACK CENTERS (13)		2027	NSWC CD / BETHESDA, MD	C / TBD	** NO PCO **	Jan 2027	Jul 2028	4	6,385K	N	Oct 2026	
5.2) SSBN, SSGN, SSN EPM (14)		2021	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Oct 2020	Apr 2022	1	3,545K	Y		Jan 2020
5.2) SSBN, SSGN, SSN EPM (14)		2022	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Jan 2022	Apr 2023	2	3,616K	Y		Jan 2021
5.2) SSBN, SSGN, SSN EPM (14)		2023	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Oct 2022	Apr 2024	2	3,688K	Y		Feb 2022
5.2) SSBN, SSGN, SSN EPM (14)		2024	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Oct 2023	Apr 2025	2	3,761K	Y		Feb 2023
5.2) SSBN, SSGN, SSN EPM (14)		2025	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Oct 2024	Apr 2026	2	3,836K	Y		Feb 2024
5.2) SSBN, SSGN, SSN EPM (14)		2026	NUWC NPT / NEWPORT, RI	C / CPFF	** NO PCO **	Oct 2025	Apr 2027	2	3,912K	Y		Feb 2025
5.2) SSBN, SSGN, SSN EPM (14)		2027	NUWC NPT / NEWPORT, RI	C / TBD	** NO PCO **	Oct 2026	Apr 2028	2	3,990K	N	Oct 2026	
5.4) COLUMBIA SMMTT EPM (15)		2027	NUWC NPT / NEWPORT, RI	C / TBD	** NO PCO **	Oct 2026	Apr 2028	1	3,991K	N	Oct 2026	

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5661 / Submarine Training Device Mods	**Modification Number / Title:** 1 / Submarine Attack Center 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)*	216.262	12.119	12.360	12.606	0.000	12.606	12.857	13.114	13.388	13.689	1.770	308.165
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	216.262	12.119	12.360	12.606	0.000	12.606	12.857	13.114	13.388	13.689	1.770	308.165
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**216.262**	**12.119**	**12.360**	**12.606**	**0.000**	**12.606**	**12.857**	**13.114**	**13.388**	**13.689**	**1.770**	**308.165**
(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 Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:
Submarine Attack Center Modifications line upgrades hardware, software and simulation to match current Fleet configurations.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5661 / Submarine Training Device Mods	**Modification Number / Title:** 1 / Submarine Attack Center Modifications
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: Submarine Attack Center Modifications supporting SMMTT procurements and deliveries.	**Modification Type:** TBD	**Related RDT&E PEs:** 0604558N

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: Submarine Attack Center Modifications												
B Kits												
Recurring												
1.1.1) Submarine Attack Center Modifications - NonOrganic	67 / 206.428	4 / 11.266	4 / 11.491	4 / 11.720	- / -	4 / 11.720	4 / 11.954	4 / 12.193	4 / 12.449	4 / 12.710	- / -	95 / 290.211
Subtotal: Recurring	*- / 206.428*	*- / 11.266*	*- / 11.491*	*- / 11.720*	*- / -*	*- / 11.720*	*- / 11.954*	*- / 12.193*	*- / 12.449*	*- / 12.710*	*- / 0.000*	*- / 290.211*
Subtotal: Submarine Attack Center Modifications	*67 / 206.428*	*4 / 11.266*	*4 / 11.491*	*4 / 11.720*	*- / -*	*4 / 11.720*	*4 / 11.954*	*4 / 12.193*	*4 / 12.449*	*4 / 12.710*	*- / -*	*95 / 290.211*
Subtotal: Procurement, All Modification Items	*- / 206.428*	*- / 11.266*	*- / 11.491*	*- / 11.720*	*- / -*	*- / 11.720*	*- / 11.954*	*- / 12.193*	*- / 12.449*	*- / 12.710*	*- / 0.000*	*- / 290.211*
Installation												
Modification Item 1 of 1: Submarine Attack Center Modifications	- / 9.834	- / 0.853	- / 0.869	- / 0.886	- / 0.000	- / 0.886	- / 0.903	- / 0.921	- / 0.939	- / 0.979	- / 1.770	- / 17.954
Subtotal: Installation	*- / 9.834*	*- / 0.853*	*- / 0.869*	*- / 0.886*	*- / -*	*- / 0.886*	*- / 0.903*	*- / 0.921*	*- / 0.939*	*- / 0.979*	*- / 1.770*	*- / 17.954*
Total												
Total Cost (Procurement + Support + Installation)	**216.262**	**12.119**	**12.360**	**12.606**	**0.000**	**12.606**	**12.857**	**13.114**	**13.388**	**13.689**	**1.770**	**308.165**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5661 / Submarine Training Device Mods	**Modification Number / Title:** 1 / Submarine Attack Center Modifications
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: Submarine Attack Center Modifications

Manufacturer Information

Manufacturer Name: NSWC CD/NUWC NPT (17)	Manufacturer Location: BETHESDA, MD/ NEWPORT, RI
Administrative Leadtime *(in Months)*: 4	Production Leadtime *(in Months)*: 19

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: Submarine Attack Center 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	60 / 9.834	4 / 0.853	3 / 0.656	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	67 / 11.343
FY 2025	- / -	- / -	1 / 0.213	3 / 0.669	0 / 0.000	3 / 0.669	- / -	- / -	- / -	- / -	0 / 0.000	4 / 0.882
FY 2026	- / -	- / -	- / -	1 / 0.217	0 / 0.000	1 / 0.217	3 / 0.682	- / -	- / -	- / -	0 / 0.000	4 / 0.899
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.221	3 / 0.696	- / -	- / -	0 / 0.000	4 / 0.917
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.225	3 / 0.705	- / -	0 / 0.000	4 / 0.930
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.234	3 / 0.719	0 / 0.000	4 / 0.953
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	1 / 0.260	3 / 0.750	4 / 1.010
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	4 / 1.020	4 / 1.020
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	60 / 9.834	4 / 0.853	4 / 0.869	4 / 0.886	0 / 0.000	4 / 0.886	4 / 0.903	4 / 0.921	4 / 0.939	4 / 0.979	7 / 1.770	95 / 17.954

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	60	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	95
Out	60	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	7	95

Footnotes:

(17) NSWC CD & NUWC NPT are collaborating warfare centers that manage and execute the Submarine Attack Center Modifications as directed by NAVSEA. Both warfare centers function as a prime for this effort. However, for cost efficiency purposes, they compete their cognizant tasks among multiple vendors with multiple orders to provide equipment/software in a timely manner to meet the fleet required training dates. The Submarine Attack Center delivery is not linked to any single contract date.

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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 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment

ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0204112N, 0804731N, 0204228N, 0204230N	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)*	1,004.880	179.960	177.885	218.181	0.000	218.181	255.745	215.828	213.824	208.100	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	1,004.880	179.960	177.885	218.181	0.000	218.181	255.745	215.828	213.824	208.100	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**1,004.880**	**179.960**	**177.885**	**218.181**	**0.000**	**218.181**	**255.745**	**215.828**	**213.824**	**208.100**	**Continuing**	**Continuing**
(The following Resource Summary rows are for informational purposes only. The corresponding budget requests are documented elsewhere.)												
Initial Spares *($ in Millions)*	-	2.172	-	-	-	-	0.623	1.875	4.997	4.639	Continuing	Continuing
Flyaway Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-
Gross/Weapon System Unit Cost *($ in Dollars)*	-	-	-	-	-	-	-	-	-	-	-	-

Description:

This line provides funding to procure, modify, and upgrade training devices, a critical investment in The Foundry, to keep them compatible with equivalent changes made to Fleet operational equipment. Funds ensure alignment between Surface Learning Centers and Fleet Concentration Area training systems and Fleet training requirements as dictated by the Surface Training Investment Plan (STIP), ultimately forging ready warfighters.

Total Ship Training Capability (TSTC) formerly MB040 - BFTT/ATD SHIP SETS/ TSTC
Funding supports Total Ship Training Capability (TSTC) training formerly MB040 - BFTT/ATD SHIP SETS/TSTC. The program includes Battle Force Tactical Training (BFTT), Advanced Training Domain (ATD), Zumwalt OnBoard Trainer (ZOBT), Fleet Training Wholeness (FTW), Strike Group Cooperative Engagement Capability (CEC) Training at Sea, BFTT Electronic Warfare Trainer (BEWT), Live Virtual & Constructive (LVC) Training shipboard trainers, Enhanced Collection System (ECS), Data Collection Debrief (DCD), the Combined Integrated Air and Missile Defense (IAMD)/Anti-Submarine (ASW) Trainer (CIAT) and Surface Training Program Combat System (STP-CS) (formerly Surface Advanced Virtual Environment Combat System (STAVE-CS)). These systems provide a coordinated stimulation/simulation of shipboard combat systems to facilitate combat systems team training, forming the backbone of a world-class Fleet's training pipeline, providing the capability to conduct realistic joint warfare training across the spectrum of armed conflict, and conduct realistic unit level team training in all primary warfare areas. Hardware and software upgrades including Infrastructure as a Service (IaaS) and shipboard ECS are required to integrate onboard tactical trainers, simulators and stimulators into a baseline to enable shipboard multi-warfare and multi-ship combat system team training capability to meet shipboard integrated training requirements, ensuring our sailors are fit to fight and achieve full-spectrum readiness.

CVN 78 Class Training Equipment
Funds provided for CVN78 Class training simulators and equipment for the Carrier Advanced Reconfigurable Training System (C-ARTS) to achieve Ready For Training (RFT) through the use of multiple mission critical CVN 78 Class Contractor Furnished Equipment (CFE) systems. Simulators or advanced training systems are needed to meet warfighter mission and safety readiness requirements. These funds support procurement and installation of hardware and software at the applicable C-ARTS sites and Centers of Excellence in Norfolk, Great Lakes, and at SWOS Newport. Class training simulators and equipment include the following: Advanced Weapons Elevators (AWEs), Machinery Control and Monitoring System (MCMS), Federated Machinery Local Area Network (FMLAN)/ Machinery Local Area Network (MLAN), Aircraft Landing and Recovery Equipment (ALRE) Jet Blast Deflector (JBD) Electromechanical Actuators, Emergency Diesel Generators (EDGs), Modular Refrigeration Units (MRU), Steering Gear Control Systems (SGCS), Zonal Electrical Distribution System (ZEDS), Vacuum Collection Holding Transfer (VCHT), Plasma Arc Waste Destruction System (PAWDS),Weapons Elevator and Stores Elevator Electromechanical Actuators (WESEEAs) and their controllers, Aviation Fuel (JP-5) Management and Transfer System, Advance Damage Control System (ADCS), Magazine Sprinkler System, Fiber Optic Cable Plant, Navigation Distribution System (NDS), Void Flooding and Damage Control Systems, Permanent Magnet Electromechanical Actuators (PMEMAs), Advanced Degaussing System (ADS), Voice and Video systems, Integrated

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204112N, 0804731N, 0204228N, 0204230N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 000		

Video and Voice Networks, and other systems that are unique to CVN 78 Class Carriers. CFE systems procured include multiple training simulators, 3D printed training aids, ship system mock-ups, electronic classrooms, intelligent tutoring systems, and use of Virtual Reality (VR), Augmented Reality (AR), and Mixed Reality (MR) training content necessary for installation at the C-ARTS training facilities.

LCAC Life Cycle Training System
Funds are provided for procurement of Ship to Shore Connector (SSC) Lifecycle Training Solution and LCAC training system modernization. Systems are needed to allow for a baseline level of knowledge for Fleet Operators and Maintainers and achieve scheduled Ready for Training (RFT). Modern training systems are necessary to meet warfighter mission and readiness requirements. These training systems include procurement of SSC Operator Lifecycle Training and Maintainer Training, including training systems (hardware), technical data, and all associated curricula. The SSC training systems to be procured include the following; Two Full Mission Trainers (FMTs), one for east coast (Expeditionary Warfare Training Group - Atlantic (ETWG-LANT)) and one for west coast (EWTG-PAC), two Advanced Electronic Classrooms (AEC), one each for EWTG-LANT and EWTG-PAC, and three Advanced Qualification Training Devices (AQTD), one at each operational unit. Curriculum includes training for Pilots, Flight Engineer, Deck Engineer, and Craft Maintainers as well as Fleet-delivered Advanced Qualification Training. This procurement completes the delivery of the required Family of Training Systems identified in the SSC Program Capability Development Document (CDD) and other programmatic documentation as the Lifecycle Training Solution for craft crew and maintenance personnel. This effort improves craft reliability and ensures adequate trainers and training infrastructure are available to support training of LCAC 100 Class crews and maintenance personnel. Funds are provided for the upgrade / modernization of the LCAC FMT, which provides essential training for the Operator, Engineer, Navigator and Group Commander of the LCAC, in the complex skills required for safe operation of the LCAC in both normal and casualty modes.

[P40A / MB040 - Combined IAMD/ASW Trainer (CIAT)]: Funding supports updates to the Combined Integrated Air and Missile Defense (IAMD) and Anti-Submarine Warfare (ASW) Trainer (CIAT) to establish a foundation for bringing this capability to AEGIS and Anti-Submarine Warfare (ASW) Baselines for ship integration to provide virtual, constructive (VC) training in a contested environment.

[P40A / MB040 - Surface Training Program (STP)]: Funding supports STP (formerly Surface Advanced Virtual Environment (STAVE)) infrastructure through the procurement, delivery, installation and sustainment of distributed STP-CS hardware suites for maintainer training, procures STP shore based virtual operator labs, supporting over 10,000 students. Aggressive Fleet expansion and modernization plans for Aegis, Ship Self Defense System (SSDS) and SQQ-89 Sonar along with service life extension of the Fleet requires advanced distributed (via NCTE) training solutions to support increased throughput on complex concepts and capability. This requirement will provide increased student throughput, and gain efficiencies by enabling courses to be centrally conducted and distributed to remote classrooms located in fleet concentration areas.

[P40A / MB040 - Live, Virtual, and Constructive (LVC) Training]: Funds provided for Live, Virtual, and Constructive (LVC) and Surface Combat System Training Environment (SCSTE) priorities to establish tactically and architecturally aligned integrated tactical training updates that will be developed and fielded to surface ships and shore sites. It provides a timely delivery to shore training sites to allow the sailor to train in schoolhouse facilities with tactically relevant training devices that use the same baseline configuration as the ship's fielded equipment. It enables Unit and Strike Group, in-port and at-sea high-end fight combat systems tactical training and debrief for Aegis and SSDS FFG, DDG, CG, Amphibs, Carriers, LCS, and DDG 1000. Funds support the procurement of Infrastructure as a Service (IaaS), shipboard Cooperative Engagement Capability (CEC) Embedded Trainers (CET) and shipboard Enhanced Collection Systems (ECS) for data collection and debrief, ORDALT kits and software licenses for shore sites and virtualized training in schoolhouse systems and fields an AEGIS and SSDS integrated ship and shore Live, Virtual, and Constructive (LVC) test and training architecture supporting all phases of training. Funds support shore infrastructure to support the high-fidelity Combat System Simulation/Stimulation (CS3) and SCSTE.

[P40A / CVN 78 Class Training Equipment]: Funds provided for hardware and software associated with building the trainers' hardware and software for future installation at the applicable C-ARTS sites and Centers of Excellence.

[P40A / SSC Life Cycle Training System Procurement]: Funds support the Ship to Shore Connector (SSC) Life Cycle Training solution to include Operator and Maintainer training systems. A new SSC Life Cycle Training solution is required because the existing LCAC training systems will not support SSC crew training based on significant configuration differences

[P40A / LCAC Trainer System Upgrades and Modernization]: Funds the 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 safe operation of the LCAC in both normal and casualty modes.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204112N, 0804731N, 0204228N, 0204230N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 000		

[P40A / Surface Training Equipment - RRL infrastructure and simulation development efforts]: Funding procures the infrastructure for two (2) standard Virtual Maintenance Trainer (VMT) Classrooms and one (1) FCA (Fire Controlman - Aegis) Common Part Task Trainer (PTT) to meet FCA student throughput and classroom technological requirements.
FCA: Fire Controlmen in the Aegis system (FCA) is responsible for operating and maintaining Aegis Weapons Systems (AWS) and associated subsystems, including radar, fire control, and network systems. They provide weapon direction system employment for Integrated Air and Missile Defense (AMD) and Surface Warfare (SUW). Key duties involve testing, inspecting, and repairing radio frequency circuits, digital systems, computer equipment, and peripheral systems.

[P40A / VMT - Classroom Infrastructure]: Funding procures the infrastructure for two (2) standard Virtual Maintenance Trainer (VMT) Classrooms and one (1) FCA Common Part Task Trainer (PTT) to meet FCA student throughput and classroom technological requirements.
FCA (Fire Controlman - Aegis): Fire Controlmen in the Aegis system (FCA) is responsible for operating and maintaining Aegis Weapons Systems (AWS) and associated subsystems, including radar, fire control, and network systems. They provide weapon direction system employment for Integrated Air and Missile Defense (AMD) and Surface Warfare (SUW). Key duties involve testing, inspecting, and repairing radio frequency circuits, digital systems, computer equipment, and peripheral systems.

[P5 / TS004 Surface Training Device Mods]: This line provides funds to procure, modify and upgrade trainers to include Aegis Weapon Systems, Aegis Ashore, DDG 1000, Surface based Navigation, Seamanship and Ship-Handling Trainers (NSST), Ship Self Defense System (SSDS), AN/SQQ-89A(V)15 Anti-Submarine Warfare (ASW) Tactical Employment Trainer (ATET), North Atlantic Treaty Organization SEASPARROW Surface Missile Systems (NSSMS), and other Surface Warfare related individual and team Training Programs to include Navigation, Hull, Mechanical and Electrical (HM&E), combat systems (CS), and Amphibious and Mine Warfare (AMW) Technical Training Equipment (TTE), Training Devices, Training Unique Equipment, Training systems, and the Surface Training Program(STP)(previously Surface Training Advanced Virtual Environemtn (STAVE). Funds provide for alignment with DON Chief Information Officer (CIO) Cyber requirements. STP methodology provides students with an immersive and interactive learning environment as well as hands-on training equipment as part of a blended solution, which accelerates learning, improves student performance, and supports both Department of the Navy (DON) High Velocity Learning and Career Training Continuum (CTC) intent. Funds ensure alignment between Surface Learning Centers and Fleet Concentration Area training systems and fleet training requirements as dictated by the Surface Training Investment Plan (STIP). Additionally, funds support the creation of training system's critical design review (CDR) packages as well as the establishment and improvement of ship on-board training curriculum for the purpose of maintaining perishable operator and maintenance skills.

[P5 / Navigation Trainers]: Funds are provided for modifications/upgrades to surface Navigation Trainers in support of the Surface Warfare Mariner Skills Training Program (MSTP). Funding addresses navigation shortfalls identified during CNO-directed Comprehensive Review following the USS John S. McCain and USS Fitzgerald collisions and provides for procurement of new trainers and modifications/upgrades to surface Navigation Trainers to support the modernization of all Surface Navigation, Seamanship, and Ship-handling Trainers (NSST) in all CONUS and OCONUS Fleet Concentration Areas as well as various schoolhouse locations, in support of the Surface Warfare Mariner Skills Training Program (MSTP). This includes but is not limited to Integrated Bridge Navigation Systems, Crane Simulation Training, Navigation Instructor Services. Modernization is critical to maintaining trainer service life and will ensure all students have the necessary training devices, instructors and resources to execute the MSTP. Funds also support Bridge Part Task Trainers (BPTT). BPTTs permit selected aspects of Bridge tasks (including Readiness Control Officer [RCO] tasks) to be practiced independently of Combat Systems Operations as found in more capable Integrated Tactical Trainers (ITTs). This trainer supports Officer training pipeline at SWSC, Newport, RI in support of Division Officer, Department Head, and PXO/PCO training pipeline for Officer of the Deck Training, as well as rapid refresh and skills enhancement at the training facilities.

[P5 / AEGIS Ashore Trainer/C4I/Tech Refresh]: Funds modernization, delivery, installation and life-cycle upgrades for a high fidelity Aegis Ashore Team Trainer in support of the land-based Aegis Ashore Training Continuum. Funds also provide for the integration of a C4I component, Ballistic Missile Defense (BMD) Upgrades, and tech refresh. Also funds the training facility to train Navy Sailors who will man European Phased Adaptive Approach (EPAA) land-based BMD facilities in Poland and Romania. The Aegis Ashore Team Trainer (AATT) at Dam Neck, VA will serve as the single site for individual watch team tactical training, certification events and sustainment training for Aegis Ashore rotational crews assigned to AA BMD Host Nation Sites. Funding also supports the In-Plant Support System (IPSS) for the AATT. The AATT in Dam Neck is the only means of training and certifying crews prior to arriving at their host nation site. As an alternative to funding a second AATT, this IPSS will allow for cybersecurity requirements and some maintenance to be conducted separate from the AATT.

[P5 / Combined IAMD/ASW Trainer (CIAT)]: Funds are provided to procure and install tactical and other software licensing (all baselines), Information Assurance and routine software and hardware modifications of Combined Integrated Air and Missile Defense (IAMD)/Anti-submarine Warfare (ASW) Trainer (CIAT) and Reconfigurable Combat Information Center (CIC) training (RCT) systems and ensures compliance with DON Chief Information Officer (CIO) Cyber requirements and tactical ship modernization.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204112N, 0804731N, 0204228N, 0204230N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 000		

[P5 / Navy Training System Plan (NTSP TTE/TD Mods)]: Funds provided for procurement, installation, and upgrades for surface and expeditionary training systems in multiple Fleet Concentration Areas (FCA) in accordance with the results of DON directed and Fleet sponsored studies, NTSP updates, and Technical Training Audits. One of the key items identified in the Fleet Review Panel of Surface Force Readiness, LPD 17 Class Wholeness Task Force, Navigation Wholeness Study, Surface Engineering Training Wholeness Review, DDG 1000 wholeness review, and LHD 8/ LHA 6 MPT analyses done by the Surface Warfare Enterprise was the outdated, or lack of, training equipment in the schoolhouses. Based on this analysis, funding supports requirements identified in approximately 80 Navy Training System Plan updates and 162 Technical Training Course Audits. This investment will be for the procurement and installation of Training Equipment at Learning Centers to keep training courses in alignment with current configuration of equipment in the fleet.
Investment ensures Surface Warfare Training Continuums are capable of meeting training requirements directly supporting readiness for systems/courses, including the following:

1. Advanced Welding
2. Diesel Engine C Schools
3. 4160 High Voltage Electrical Safety Training
4. Engineering Officer Schools
5. Ultrasonic Inspector Training
6. Senior Enlisted Engineering
7. Engineering Maintenance Principles and Practices
8. PA6B Diesel Engine Training
9. Cryogenic Systems Training
10. Hydraulic Systems and Components
11. Advanced Shipboard Firefighting Training
12. Machinery Repairman C Schools

[P5 / Technical Training Equipment Modifications]: Funds provided for schoolhouse modifications, upgrades, and technology refreshes of end items in support of fleet training requirements including Hull Mechanical and Electrical (HM&E), and combat systems technical training equipment (TTE) for the training activities. Provides equipment to augment existing TTE due to increased student throughput, replaces equipment beyond economical repair and procures new equipment.

[P5 / STP SEAFRAME SIMULATORS (DDG, LPD, LHA, LHD)]: Funding supports DDG, LPD, LHA, and LHD initial systems required for procurement of Navy schoolhouse and waterfront simulators, training devices and curriculum. The STP program develops respective unique and non-unique surface and amphibious platform training solutions ensuring applicability to more than one platform with an emphasis on procuring once to provide maximum cost avoidance. The systems supported include, but are not limited to the following: Aegis Baseline 10, AN/SPY-6, 400HZ, eRM, Main Reduction Gear (MRG), LM2500+ Gas Turbines Engines, Electric Propulsion Motor (EPM), Surface Steering Gear, AC&R, HES-C and MRU/MRS, Voyage Data Recorder (VDR), WSN-12, Next Generation Surface Search Radar (NGSSR), Situational Awareness Boundary Enforcement (SABER), Aegis Virtual Operator Trainer, Aegis Virtual Maintenance Trainer, Aircraft Ship Integrated Secure and Traverse (ASIST), Reconfigurable CIC Trainer, Ship Service Diesel Generator (SSDG), and RIB Doors & RCS Screen. Training equipment is needed to meet the Key Performance Parameter (KPP) requirements of the Capabilities Development Document. Funding supports crew pipeline and Fleet Concentration Area training requirements by procurement of hardware and software associated with existing surface trainers. This procurement enables ship Commanding Officers to witness watch stander crew performance under realistic at sea scenarios in a synthetic, shore-based environment. Crews must be able to complete mission area certifications and advanced and integrated training prior to arriving in theater. Such training requires a robust CONUS-based training infrastructure, including watch team level bridge, combat, and engineering simulators as outlined in the Capabilities Development Document (CDD).

[P5 / Integrated Tactical Trainer (ITT) Modernization]: Funding supports necessary tech refresh of hardware, software/firmware on the Integrated Tactical Trainers (ITTs).

[P5 / SURFACE MINOR MODS]: Funds provided for modernization for training systems for surface and expeditionary training systems in accordance with the results of DON directed and Fleet sponsored studies. Specific studies of surface training systems include: Fleet Review Panel of Surface Force Readiness, Aegis Weapon System/SPY Radar Readiness Task Force, LPD 17 Class Wholeness Task Force,

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	P-1 Line Item Number / Title: 5664 / Surface Training Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0204112N, 0804731N, 0204228N, 0204230N	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: 000		

Navigation Wholeness Study, Surface Engineering Training Wholeness Review, Fleet Integrated Air and Missile Defense and Anti-Submarine Warfare Improvement Programs, Aegis Ashore, Naval Integrated Fire Control-Counter Air (NIFCCA) and C5I training requirements documents, DDG 1000 wholeness review, LHD 8/ LHA 6 Front End Analysis (FEA), Commander Naval Surface Forces (CNSF) manpower initiatives impact on readiness, and the Navy Inspector General (IG) report on Computer Based Training (CBT). Surface Training Readiness Management Systems (STRMS) - procurement of hardware/software and implementation of the tracking system and incremental scaling/modification of each mission area competency, proficiency and associated Training and Readiness (T&R) metric for comparison to Fleet requirements across all Cruiser/Destroyer (CRUDES) baselines. FCA (Fire Controlman - Aegis): Fire Controlmen in the Aegis system (FCA) is responsible for operating and maintaining Aegis Weapons Systems (AWS) and associated subsystems, including radar, fire control, and network systems. Funding procures the infrastructure for two (2) standard Virtual Maintenance Trainer (VMT) Classrooms and one (1) FCA Specialized Part Task Trainer (PTT) to meet FCA student throughput and classroom technological requirements. The extensive inventory of training systems to support 16 classes of ships requires continual modernization and modification to ensure alignment with fleet systems while addressing technology obsolescence issues. Funding is budgeted to modernize systems including the following:

1. Damage Control Wet Trainers Upgrades/Refresh - As a result of the post Bonhomme Richard fire report and the revised Surface Ship and Submarine Survivability Training Requirements (OPNAVINST 3541.1H), funding for Damage Control training and readiness is vital to ensure the renovation and modernization of the existing damage control training facilities, close training gaps, enhance trainer capabilities and increase facility lifespan for DCWT located in Newport, Norfolk, Mayport, San Diego, Pearl Harbor and Yokosuka which impacts over 55,000 students across the fleet.
2. DDG 51 Machinery Control System Maintenance Trainer
3. Electrical Maintenance Training
4. Air Conditioning and Refrigeration (AC&R) Maintenance Training
5. Deck System Equipment Training
6. Marine Sanitation Devices
7. Advanced Electronic Attack (EA)
8. Anti-Submarine Warfare (ASW) Tactical Trainers to include ASW Tactical Employment Trainer (ATET).
9. Elevator Systems
10. Steam Maintenance Training
11. DDG 1000 Training Systems
12. Expeditionary Mobile Base (ESB) Training Systems
13. Landing Craft Utility (LCU) 1600/1700 Training Systems
14. Integrated Training Facility (ITF) (Fallon, NV)
15. Surface Training Readiness Management Systems (STRMS)
16. 7m and 11m Rigid Inflatable Boat (RIB) Training Systems
17. DDG 51 FLT III New Systems Training
18. Training systems for Gas Turbine Systems Technician - Mechanical (GSM), Gunner's Mate (GM), Fire Controlman (FC), Fire Controlman Aegis (FCA), Boatswain's Mate (BM), Interior Communications Technician (IC), Sonar Technician - Surface (STG), and Operations Specialist (OS) accession training
19. Air Intercept Control (AIC) Simulators
20. Ship Service Diesel Generator (SSDG) Systems
21. Damage Control (DC) Systems
22. Engineering Water and Air Systems
23. LM2500+ Gas Turbine (GT) Systems
24. Combat Systems Virtual Operations Trainer
25. Courseware for Virtual Reality Labs
26. Lethality and Survivability Training

[P5 / FFT/SLEP/MODULAR TRAINER]: Funding is essential to enable the comprehensive renovation and modernization of Firefighter Trainers (FFT) and their associated facilities. These upgrades, driven by findings from the Bonhomme Richard fire investigation and revisions to the Surface Ship and Submarine Survivability Training Requirements (OPNAVINST 3541.1H), are designed to close existing training gaps,

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	P-1 Line Item Number / Title: 5664 / Surface Training Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	Program Elements for Code B Items: 0204112N, 0804731N, 0204228N, 0204230N	Other Related Program Elements: N/A
Line Item MDAP/MAIS Code: 000		

enhance instructional effectiveness, and extend the operational life of the training infrastructure. As part of the Service Life Extension Program (SLEP), FFT sites located in Norfolk, Mayport, San Diego, Pearl Harbor, Yokosuka, Newport, and Great Lakes will undergo improvements that directly impact fleet-wide readiness and benefit students across the Navy.

[P5 / FCA TRAINERS]: Funds are provided for upgrades to shore based trainers (Combat System, HM&E) in Fleet Concentration Areas, to include Multi Warfare Operator Trainer (MWOT).

[P5 / Virtual Reality Labs, Networks & Modernization]: Funds provided for annual modernization efforts which include regular/scheduled updates/upgrades to the computer network and include procurement of new servers, relays, and switches, along with the procurement of replacement computers, monitors, keyboards, and other peripheral equipment to support increased crew throughput

[P5 / Mission Bay Trainers & Modernization]: Funding supports the tech refresh and upgrades of the Mission Bay Trainers (MBT) to align with ship capabilities and to support training for Knifefish and Unmanned Influence Sweep System (UISS).

[P3A / MB040 - BFTT/ATD Ship Sets]: The Total Ship Training Capability (TSTC)/Advanced Training Domain (ATD)/ Battle Force Tactical Training (BFTT) family of systems provides realistic joint warfare training across the spectrum of armed conflict; realistic unit level team training in all warfare areas; a means to link ships together which are in different homeports for coordinated training; external stimulation of shipboard training systems; and simulation of non-shipboard forces. BFTT AN/USQ-T46 and ATD AN/USQ-T52/T52A are core components of the TSTC. Battle Force Tactical Training (BFTT) T46/T52 Ship set configurations vary depending on AEGIS or Ship Self Defense System (SSDS) installation. T46/T52's for SSDS include additional materials and units to be integrated for stimulation of the ships sensors.

[P3A - 2 / MB040 BFTT/ATD/TSTC Upgrade Kits]: Battle Force Tactical Training (BFTT) / Advanced Training Domain (ATD) / Total Ship Training Capability (TSTC) Upgrade Kits implement Fleet-prioritized warfighting training improvements and maintain alignment with SSDS and Aegis baseline updates to increase lethality and maintain overmatch. Additional upgrade kits being procured include Virtual Tactical Bridge Embarked Synthetic Radio (VTBeSR) and SPS-48G radar field change kits in support of initial Live, Virtual, and Constructive (LVC) enhancements. These training system improvements are a critical factor in producing competent and ready warfighters. Unit costs are variable.

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy	Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204112N, 0804731N, 0204228N, 0204230N
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	Other Ships Training Equipment	P-5a			- / 119.501	- / 27.620	- / 37.390	- / 25.672	- / -	- / 25.672
P-5	1 / TS004 Surface Training Device Mods [TS004]				- / 685.870	- / 118.725	- / 113.170	- / 165.694	- / 0.000	- / 165.694
P-3a	1 / MB040 - BFTT/ATD Ship Sets (SHIPALT)				- / 112.059	- / 14.400	- / 11.230	- / 9.625	- / 0.000	- / 9.625
P-3a	2 / MB040 BFTT/ATD/TSTC Upgrade Kits (Various)				- / 87.450	- / 19.215	- / 16.095	- / 17.190	- / 0.000	- / 17.190
P-40	**Total Gross/Weapon System Cost**				**- / 1,004.880**	**- / 179.960**	**- / 177.885**	**- / 218.181**	**- / 0.000**	**- / 218.181**

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 Ships Training Equipment	P-5a			- / -	- / -	- / -	- / -	- / -	- / -
P-5	1 / TS004 Surface Training Device Mods [TS004]				- / -	- / -	- / -	- / -	- / -	- / -
P-3a	1 / MB040 - BFTT/ATD Ship Sets (SHIPALT)				- / 12.275	- / 12.800	- / 12.950	- / 12.950	Continuing	Continuing
P-3a	2 / MB040 BFTT/ATD/TSTC Upgrade Kits (Various)				- / 17.607	- / 17.217	- / 17.249	- / 17.743	- / 0.000	- / 209.766
P-40	**Total Gross/Weapon System Cost**				**- / 255.745**	**- / 215.828**	**- / 213.824**	**- / 208.100**	**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:

CVN 78 Class Training Equipment

FY27 increase of $0.688M supports the planned increase in Technical Training Equipment (TTE) requirements of new CVN 78 Class Contractor Furnished Equipment (CFE) systems.

LCAC Life Cycle Training System

FY27 decrease ($1.449M) for SSC/LCAC Life Cycle Training procurement is due to completion of the LCAC legacy trainer modernization in FY26.

FY27 increase of $52.524M for P5 Surface Training Device Modifications in accordance with the Surface Training Investment Plan (STIP) requirements for the fiscal year. Increase due to significant planned investments to include CE 2.1.1 SURFACE MINOR MODS for STP Combat Systems Engineering training devices and tech refresh for FY27. This program provides funding to procure, modify, and upgrade training devices to keep them compatible with equivalent changes made to Fleet operational equipment. Funds ensure alignment between Surface Learning Centers and Fleet Concentration Area training systems and Fleet training requirements as dictated by the Surface Training Investment Plan (STIP).

Increase in support of procurements for At-Sea LVC capability for DDG 1000 as well as Integration of Naval Strike Missile onto FFG 62 LVC embedded training capability.

Ready Relevant Learning (RRL)

Project prioritization reflects strategic emphasis on critical readiness requirements, with lower-priority projects deferred or scaled back accordingly. Funding adjustments for LI 5664 include strategic reductions impacting critical

Exhibit P-40, Budget Line Item Justification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N: Other Procurement, Navy / BA 04: Ordnance Support Equipment / BSA 7: Other Expendable Ordnance	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	
ID Code (A=Service Ready, B=Not Service Ready): A	**Program Elements for Code B Items:** 0204112N, 0804731N, 0204228N, 0204230N	**Other Related Program Elements:** N/A
Line Item MDAP/MAIS Code: 000		

training capabilities

-PTT Lab Procurement: Reduction from two complete sets to one, cutting $1.9M, and significantly affecting practical training capabilities.

These investments are foundational to the continued modernization and scalability of RRL training across the Navy. They ensure the infrastructure and technologies are in place to meet evolving Fleet requirements, reduce time to-train, and increase training effectiveness across enlisted pipelines.

The FY 2026 spend plan amount for OPN 5664 includes $179,960 thousand of discretionary and $8,200 thousand of mandatory (reconciliation) for a total of $188,160 thousand. Reconciliation funding is not yet reflected in budget exhibit controls.

Exhibit P-40a, Budget Item Justification For Aggregated Items: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	**Aggregated Items Title:** Other Ships Training 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) Total Ship Training Capability (TSTC) formerly MB040 - BFTT/ATD SHIP SETS/TSTC																				
1.1) MB040 - Combined IAMD/ASW Trainer (CIAT)	A		-	-	10.059	-	-	-	-	-	1.388	-	-	1.281	-	-	-	-	-	1.281
1.2) MB040 - Fleet Training Wholeness Strike Group CEC Training at Sea	A		-	-	12.536	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.3) MB040 - Surface Training Program (STP)	A		-	-	21.751	-	-	-	-	-	3.314	-	-	2.026	-	-	-	-	-	2.026
1.4) MB040 - BFTT Ship Sets	A		481,545.45	11	5.297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1.5) MB040 - Live, Virtual, and Constructive (LVC) Training	A		-	-	3.692	-	-	14.459	-	-	25.424	-	-	20.671	-	-	-	-	-	20.671
Subtotal: 1) Total Ship Training Capability (TSTC) formerly MB040 - BFTT/ATD SHIP SETS/TSTC			**-**	**-**	***53.335***	**-**	**-**	***14.459***	**-**	**-**	***30.126***	**-**	**-**	***23.978***	**-**	**-**	**-**	**-**	**-**	***23.978***
2) CVN 78 Class Training Equipment																				
2.1) CVN 78 Class Training Equipment (1)	A		-	-	37.682	-	-	2.474	-	-	0.880	-	-	1.568	-	-	-	-	-	1.568
Subtotal: 2) CVN 78 Class Training Equipment			**-**	**-**	***37.682***	**-**	**-**	***2.474***	**-**	**-**	***0.880***	**-**	**-**	***1.568***	**-**	**-**	**-**	**-**	**-**	***1.568***
3) LCAC Lifecycle Training System																				
3.1) SSC Life Cycle Training System Procurement	A		-	-	27.484	-	-	8.600	-	-	0.126	-	-	0.126	-	-	-	-	-	0.126
3.2) LCAC Trainer System Upgrades and Modernization	A		-	-	1.000	-	-	2.087	-	-	1.494	-	-	-	-	-	-	-	-	-
Subtotal: 3) LCAC Lifecycle Training System			**-**	**-**	***28.484***	**-**	**-**	***10.687***	**-**	**-**	***1.620***	**-**	**-**	***0.126***	**-**	**-**	**-**	**-**	**-**	***0.126***
4) Surface Training Equipment - RRL infrastructure and simulation development efforts																				
4.1) VMT - Classroom Infrastructure (2)(†)	A		-	-	-	-	-	-	1,250K	2	2.500	-	-	-	-	-	-	-	-	-
4.2) Practical Training Labs	A		-	-	-	-	-	-	-	-	2.264	-	-	-	-	-	-	-	-	-
Subtotal: 4) Surface Training Equipment - RRL infrastructure and simulation development efforts			**-**	**-**	***0.000***	**-**	**-**	**-**	**-**	**-**	***4.764***	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Total			**-**	**-**	**119.501**	**-**	**-**	**27.620**	**-**	**-**	**37.390**	**-**	**-**	**25.672**	**-**	**-**	**-**	**-**	**-**	**25.672**

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 / 04 / 7	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	**Aggregated Items Title:** Other Ships Training Equipment

Footnotes:

(1) FY27 increase of $0.688M supports the planned increase in Technical Training Equipment (TTE) requirements of new CVN 78 Class Contractor Furnished Equipment (CFE) systems.

(2) Funding figures and changes in quantities reflect explicit operational and training readiness risks after major decrease on budget liens. RRL maintains alignment with priority readiness goals, through the reduced funding presents operational risks and delays in capability delivery.

Exhibit P-5a, Procurement History and Planning: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	P-1 Line Item Number / Title: 5664 / Surface Training Equipment	Aggregated Items: Other Ships Training 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) Surface Training Equipment - RRL infrastructure and simulation development efforts												
4.1) VMT - Classroom Infrastructure (2)		2026	Huntington Ingalls Industries , HII / MA	C / FP	Naval Station Norfolk	Sep 2026	Sep 2026	2	1,250K	N	Jan 2027	Mar 2026

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	**Item Number / Title [DODIC]:** 1 / TS004 Surface Training Device Mods [TS004]
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)*	685.870	118.725	113.170	165.694	0.000	165.694
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	685.870	118.725	113.170	165.694	0.000	165.694
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**685.870**	**118.725**	**113.170**	**165.694**	**0.000**	**165.694**
(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 - Trainer's Cost Cost																		
Recurring Cost																		
1.1.1) Navigation Trainers [3]	-	-	169.632	-	-	21.237	-	-	15.203	-	-	18.330	-	-	0.000	-	-	18.330
1.1.2) AEGIS Ashore Trainer/C4I/Tech Refresh	-	-	35.438	-	-	0.700	-	-	0.700	-	-	0.700	-	-	0.000	-	-	0.700
1.1.3) Combined IAMD/ASW Trainer (CIAT) [4]	-	-	161.439	-	-	20.000	-	-	19.410	-	-	10.600	-	-	0.000	-	-	10.600
1.1.4) Navy Training System Plan (NTSP TTE/TD Mods) [5]	-	-	53.668	-	-	1.500	-	-	0.850	-	-	1.000	-	-	0.000	-	-	1.000
1.1.5) Technical Training Equipment Modifications	-	-	6.217	-	-	0.843	-	-	0.272	-	-	0.272	-	-	0.000	-	-	0.272
1.1.6) STP SEAFRAME SIMULATORS (DDG, LPD, LHA, LHD) [6]	-	-	15.950	-	-	15.760	-	-	12.150	-	-	35.060	-	-	0.000	-	-	35.060
1.1.7) Integrated Tactical Trainer (ITT) Modernization [7]	-	-	0.000	-	-	1.225	-	-	5.827	-	-	3.761	-	-	0.000	-	-	3.761
1.1.8) SURFACE MINOR MODS [8]	-	-	223.499	-	-	53.489	-	-	52.389	-	-	75.909	-	-	0.000	-	-	75.909

Exhibit P-5, Cost Analysis: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	P-1 Line Item Number / Title: 5664 / Surface Training Equipment	Item Number / Title [DODIC]: 1 / TS004 Surface Training Device Mods [TS004]
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)
1.1.9) FFT/SLEP/ MODULAR TRAINER (9)	-	-	13.077	-	-	1.660	-	-	1.670	-	-	9.760	-	-	0.000	-	-	9.760
1.1.10) FCA TRAINERS (10)	-	-	6.950	-	-	1.050	-	-	1.300	-	-	8.108	-	-	0.000	-	-	8.108
1.1.11) Virtual Reality Labs, Networks & Modernization (11)	-	-	0.000	-	-	0.428	-	-	1.457	-	-	0.940	-	-	0.000	-	-	0.940
1.1.12) Mission Bay Trainers & Modernization (12)	-	-	0.000	-	-	0.833	-	-	1.942	-	-	1.254	-	-	0.000	-	-	1.254
Subtotal: Recurring Cost	-	-	*685.870*	-	-	*118.725*	-	-	*113.170*	-	-	*165.694*	-	-	*0.000*	-	-	*165.694*
Subtotal: Hardware - Trainer's Cost Cost	**-**	**-**	***685.870***	**-**	**-**	***118.725***	**-**	**-**	***113.170***	**-**	**-**	***165.694***	**-**	**-**	***0.000***	**-**	**-**	***165.694***
Gross/Weapon System Cost	**-**	**-**	**685.870**	**-**	**-**	**118.725**	**-**	**-**	**113.170**	**-**	**-**	**165.694**	**-**	**-**	**0.000**	**-**	**-**	**165.694**

Footnotes:

(3) FY27 funding increased due to more planned procurements for Navigation, Seamanship, and Ship-handling Trainers (NSST) to enhance mariner proficiency and surface force readiness through expanded instructor support, key staff billets, and improved oversight of the Mariner Skills Training Program (MSTP).

(4) FY27 decrease reflects the integration of the efficiencies of the Surface Combat Systems Training Environment (SCSTE), notably the implementation of the Combat System Simulator and Stimulator (CS3) and the annual AEGIS baseline upgrades it brings.

(5) FY27 increase to Navy Training Systems Plan (NTSP TTE/TD Mods) represents inflation cost growth.

(6) FY27 increase is due to maturation of unique and non-unique systems technical documentation enabling the training system solutions to be procured for DDGs, LPDs, LHAs, and LHDs.

(7) FY27 decrease reflects a decrease in the amount of Technology-Enhanced Constructed Response (TECR)s required.

(8) FY27 funding increase to Surface Minor Mods due to increased Surface Training Investment Plan (STIP) requirements, including new STP Combat Systems and Damage Control Training systems, and modernization of existing training systems.

(9) FY27 increase reflects the Navy's continued commitment to modernizing and renovating the Surface Fire Fighting Trainers and Facilities. This investment ensures the delivery of realistic, reliable, and mission-ready training environments that directly enhance Sailors readiness and safety across the fleet.

(10) FY27 increase supports planning efforts to address hardware installations and software updates across FCAs requirements.

(11) FY27 decrease reflects a decrease in the amount of TECRs required.

(12) FY27 decrease reflects a decrease in the amount of TECRs required.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	**Modification Number / Title:** 1 / MB040 - BFTT/ATD Ship Sets
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)*	112.059	14.400	11.230	9.625	0.000	9.625	12.275	12.800	12.950	12.950	Continuing	Continuing
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	112.059	14.400	11.230	9.625	0.000	9.625	12.275	12.800	12.950	12.950	Continuing	Continuing
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**112.059**	**14.400**	**11.230**	**9.625**	**0.000**	**9.625**	**12.275**	**12.800**	**12.950**	**12.950**	**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:

The Total Ship Training Capability (TSTC)/Advanced Training Domain (ATD)/Battle Force Tactical Training (BFTT) family of systems provides realistic joint warfare training across the spectrum of armed conflict, enabling the delivery of decisive combat power. It provides realistic unit-level team training in all warfare areas; a means to link ships together which are in different homeports for coordinated training; external stimulation of shipboard training systems; and simulation of non-shipboard forces.

TSTC/ATD/BFTT provides ships' Commanding Officers and Strike Group/Battle Force (SG/BF) Commanders with the ability to conduct coordinated, realistic, high-stress, combat system-level team training that reinforces the warrior ethos as an integral part of exercises for Fleet Synthetic Training (FST) and Live, Virtual, and Constructive (LVC).

The Total Ship Training Capability (TSTC) integrates existing and emergent onboard training capabilities to simulate realistic, "train like you fight," combat-like conditions. Migration to TSTC improvements is required to ensure continued, persistent FST/LVC interoperability to deliver training that is commensurate with tactical capabilities.

[BFTT/ATD Ship Sets] BFTT AN/USQ-T46 and ATD AN/USQ-T52/T52A are core components of the TSTC.

Mitigating Commercial off the Shelf (COTS) obsolescence requires the replacement and upgrade of obsolete components, ensuring the sustained readiness of BFTT systems across the Fleet.

TSTC/ATD/BFTT Ship Set funding will procure T46s and T52s and subsequent variants of hardware and software in support of AN/SQQ-89, AN/SLQ-32(V)6, AN/USG-2B, AEGIS Baseline 9, and SSDS upgrades. This ensures training systems are modernized at the speed of relevance to match tactical systems. Installation funding supports the installation of BFTT/ATD Systems.

Additional costs will be incurred to procure materials needed to ensure cybersecurity requirements are met and to maintain connectivity with the Navy Continuous Training Environment (NCTE) to build a resilient training infrastructure.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	**Modification Number / Title:** 1 / MB040 - BFTT/ATD Ship Sets
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: BFTT/ATD SHIP SETS - T46/T52's	**Modification Type:** SHIPALT	**Related RDT&E PEs:** 0204571N

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: MB040 - BFTT/ATD Ship Sets												
B Kits												
Recurring												
1.1.1) BFTT/ATD Ship Sets - NonOrganic [13]	76 / 75.094	12 / 9.900	7 / 5.950	7 / 5.950	- / -	7 / 5.950	10 / 8.250	10 / 8.250	10 / 8.250	10 / 8.250	Continuing	Continuing
Subtotal: Recurring	*- / 75.094*	*- / 9.900*	*- / 5.950*	*- / 5.950*	*- / -*	*- / 5.950*	*- / 8.250*	*- / 8.250*	*- / 8.250*	*- / 8.250*	*Continuing*	*Continuing*
Subtotal: MB040 - BFTT/ATD Ship Sets	*76 / 75.094*	*12 / 9.900*	*7 / 5.950*	*7 / 5.950*	*- / -*	*7 / 5.950*	*10 / 8.250*	*10 / 8.250*	*10 / 8.250*	*10 / 8.250*	*Continuing*	*Continuing*
Subtotal: Procurement, All Modification Items	*- / 75.094*	*- / 9.900*	*- / 5.950*	*- / 5.950*	*- / -*	*- / 5.950*	*- / 8.250*	*- / 8.250*	*- / 8.250*	*- / 8.250*	*Continuing*	*Continuing*
Installation												
Modification Item 1 of 1: MB040 - BFTT/ATD Ship Sets	- / 36.965	- / 4.500	- / 5.280	- / 3.675	- / 0.000	- / 3.675	- / 4.025	- / 4.550	- / 4.700	- / 4.700	- / 5.000	- / 73.395
Subtotal: Installation	*- / 36.965*	*- / 4.500*	*- / 5.280*	*- / 3.675*	*- / -*	*- / 3.675*	*- / 4.025*	*- / 4.550*	*- / 4.700*	*- / 4.700*	*- / 5.000*	*- / 73.395*
Total												
Total Cost (Procurement + Support + Installation)	**112.059**	**14.400**	**11.230**	**9.625**	**0.000**	**9.625**	**12.275**	**12.800**	**12.950**	**12.950**	**Continuing**	**Continuing**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	**Modification Number / Title:** 1 / MB040 - BFTT/ATD Ship Sets
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

Modification Item 1 of 1: MB040 - BFTT/ATD Ship Sets

Manufacturer Information

Manufacturer Name: GTS (14)	Manufacturer Location: Virginia Beach, VA
Administrative Leadtime *(in Months)*: 2	Production Leadtime *(in Months)*: 9

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	Sep 2025	Sep 2026	Sep 2027	Sep 2028	Sep 2029	Sep 2030	Sep 2031

Installation Information

Method of Implementation: AIT:: Installation Name: BFTT/ATD Ship Sets

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	67 / 36.965	9 / 4.500	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	76 / 41.465
FY 2025	- / -	- / -	12 / 5.280	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	12 / 5.280
FY 2026	- / -	- / -	- / -	7 / 3.675	0 / 0.000	7 / 3.675	- / -	- / -	- / -	- / -	0 / 0.000	7 / 3.675
FY 2027	- / -	- / -	- / -	- / -	- / -	- / -	7 / 4.025	- / -	- / -	- / -	0 / 0.000	7 / 4.025
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.550	- / -	- / -	0 / 0.000	10 / 4.550
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.700	- / -	0 / 0.000	10 / 4.700
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 4.700	0 / 0.000	10 / 4.700
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	10 / 5.000	10 / 5.000
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	67 / 36.965	9 / 4.500	12 / 5.280	7 / 3.675	0 / 0.000	7 / 3.675	7 / 4.025	10 / 4.550	10 / 4.700	10 / 4.700	10 / 5.000	142 / 73.395

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	67	1	3	3	2	1	3	5	3	1	2	2	2	1	2	2	2	2	2	3	3	2	2	4	2	2	3	3	2	10	142
Out	67	-	3	3	3	1	3	3	5	-	2	2	3	1	2	2	2	1	2	3	4	1	2	3	4	1	2	4	3	10	142

Footnotes:

(13) Materials and quantities installed are required to meet cyber security requirements and to maintain connectivity with Navy Continuous Training Environment (NCTE) to meet shipboard integrated training demands. Unit cost adjusted to reflect lower hardware costs. Decrease in quantity due to funding limitations.

(14) Contract and Delivery Dates reflect that ship sets are contracted to procure on average 1 year prior to installation.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	**Modification Number / Title:** 2 / MB040 BFTT/ATD/TSTC Upgrade 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)*	87.450	19.215	16.095	17.190	0.000	17.190	17.607	17.217	17.249	17.743	0.000	209.766
Less PY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Net Procurement (P-1) *($ in Millions)*	87.450	19.215	16.095	17.190	0.000	17.190	17.607	17.217	17.249	17.743	0.000	209.766
Plus CY Advance Procurement *($ in Millions)*	-	-	-	-	-	-	-	-	-	-	-	-
Total Obligation Authority *($ in Millions)*	**87.450**	**19.215**	**16.095**	**17.190**	**0.000**	**17.190**	**17.607**	**17.217**	**17.249**	**17.743**	**0.000**	**209.766**
(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:

Total Ship Training Capability (TSTC)/ Battle Force Tactical Training (BFTT) family of systems Upgrade Kits procure, install, and remove various quantities of upgrade kit/Engineering Change Proposal (ECP) system components, ShipAlts, Field Changes and Software Deliveries on surface ships and related shore sites to support the fleet's needs. Upgrade kits also support Shipboard Connectivity Suite (SCS) Tech Refresh and Fleet Synthetic Training (FST) Shipboard Network Connectivity upgrades.

[BFTT/ATD/TSTC Upgrade Kits] ShipAlts are upgrades driven by Combat Systems configuration as well as training configuration requirements.
Field Changes include existing BFTT Hardware T46 and Software Baselines 5.0 and 5.1 upgrades, Advanced Training Domain (ATD) T52/T52A hardware upgrades, Battle force Electronic Warfare Trainer (BEWT) Baseline II Hardware & Software upgrades, and Training Simulation Stimulation System (TSSS) legacy radar interface upgrades, Virtual Tactical Bridge Embarked Synthetic Radio (VTBeSR) systems, and shipboard Cooperative Engagement Capability (CEC) Embedded Trainers (CET).
Software Deliveries are required to support Combat System, IA/cyber and BFTT/BEWT/BEWT-II/TSTC/TSSS/VTBeSR Hardware requirements.
Upgrade BFTT/TSTC Shipboard Connectivity Suite (SCS) through a Tech Refresh, to meet Navy Continuous Training Environment (NCTE), interoperability, and cybersecurity requirements.
Upgrade Shipboard Network Connectivity in support of Fleet Synthetic Training (FST) At Sea capability in support of Strike Group certification training events.
Upgrades include Information Assurance (IA)/cybersecurity compliance, as well as Obsolescence, Network upgrades and externally driven interface modifications.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	**Modification Number / Title:** 2 / MB040 BFTT/ATD/TSTC Upgrade Kits
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	
Models of Systems Affected: Battle Force Tactical Training, Advanced Training Domain, Total Ship Training Capability Upgrade Kit	**Modification Type:** Various	**Related RDT&E PEs:** 0204571N

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: MB040 BFTT/ATD/TSTC Upgrade Kits												
B Kits												
Recurring												
1.1.1) BFTT/ATD/TSTC Upgrade Kits - NonOrganic [15]	659 / 33.426	103 / 8.621	85 / 7.331	89 / 7.646	- / -	89 / 7.646	91 / 7.574	93 / 7.787	90 / 7.651	92 / 7.865	- / -	1,302 / 87.901
Subtotal: Recurring	*- / 33.426*	*- / 8.621*	*- / 7.331*	*- / 7.646*	*- / -*	*- / 7.646*	*- / 7.574*	*- / 7.787*	*- / 7.651*	*- / 7.865*	*- / 0.000*	*- / 87.901*
Subtotal: MB040 BFTT/ATD/TSTC Upgrade Kits	*659 / 33.426*	*103 / 8.621*	*85 / 7.331*	*89 / 7.646*	*- / -*	*89 / 7.646*	*91 / 7.574*	*93 / 7.787*	*90 / 7.651*	*92 / 7.865*	*- / -*	*1,302 / 87.901*
Subtotal: Procurement, All Modification Items	*- / 33.426*	*- / 8.621*	*- / 7.331*	*- / 7.646*	*- / -*	*- / 7.646*	*- / 7.574*	*- / 7.787*	*- / 7.651*	*- / 7.865*	*- / 0.000*	*- / 87.901*
Installation												
Modification Item 1 of 1: MB040 BFTT/ATD/TSTC Upgrade Kits	- / 54.024	- / 10.594	- / 8.764	- / 9.544	- / 0.000	- / 9.544	- / 10.033	- / 9.430	- / 9.598	- / 9.878	- / 0.000	- / 121.865
Subtotal: Installation	*- / 54.024*	*- / 10.594*	*- / 8.764*	*- / 9.544*	*- / -*	*- / 9.544*	*- / 10.033*	*- / 9.430*	*- / 9.598*	*- / 9.878*	*- / 0.000*	*- / 121.865*
Total												
Total Cost (Procurement + Support + Installation)	**87.450**	**19.215**	**16.095**	**17.190**	**0.000**	**17.190**	**17.607**	**17.217**	**17.249**	**17.743**	**0.000**	**209.766**

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	**Modification Number / Title:** 2 / MB040 BFTT/ATD/TSTC Upgrade Kits
ID Code (A=Service Ready, B=Not Service Ready) :		**MDAP/MAIS Code:**

Modification Item 1 of 1: MB040 BFTT/ATD/TSTC Upgrade Kits

Manufacturer Information

Manufacturer Name: VARIOUS (16)	Manufacturer Location: VARIOUS
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	Dec 2024	Dec 2025	Dec 2026	Dec 2027	Dec 2028	Dec 2029	Dec 2030
Delivery Dates	Mar 2025	Mar 2026	Mar 2027	Mar 2028	Mar 2029	Mar 2030	Mar 2031

Installation Information

Method of Implementation: AIT:: Installation Name: BFTT/ATD/TSTC Upgrade Kits

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	625 / 54.024	34 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	659 / 54.024
FY 2025	- / -	52 / 10.594	51 / 0.000	- / -	- / -	- / -	- / -	- / -	- / -	- / -	0 / 0.000	103 / 10.594
FY 2026	- / -	- / -	42 / 8.764	43 / 0.000	0 / 0.000	43 / 0.000	- / -	- / -	- / -	- / -	0 / 0.000	85 / 8.764
FY 2027	- / -	- / -	- / -	48 / 9.544	0 / 0.000	48 / 9.544	41 / 0.000	- / -	- / -	- / -	0 / 0.000	89 / 9.544
FY 2028	- / -	- / -	- / -	- / -	- / -	- / -	48 / 10.033	43 / 0.000	- / -	- / -	0 / 0.000	91 / 10.033
FY 2029	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 9.430	42 / 0.000	- / -	0 / 0.000	93 / 9.430
FY 2030	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	48 / 9.598	42 / 0.000	0 / 0.000	90 / 9.598
FY 2031	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	51 / 9.878	41 / 0.000	92 / 9.878
To Complete	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -	- / -
Total	625 / 54.024	86 / 10.594	93 / 8.764	91 / 9.544	0 / 0.000	91 / 9.544	89 / 10.033	94 / 9.430	90 / 9.598	93 / 9.878	41 / 0.000	1,302 / 121.865

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	625	21	13	25	27	27	24	20	22	23	20	24	24	20	21	22	26	21	22	25	26	23	19	19	29	24	18	25	26	41	1,302
Out	625	21	13	25	27	27	24	20	22	23	20	24	24	20	21	22	26	21	22	25	26	23	19	19	29	24	18	25	26	41	1,302

Footnotes:

(15) P40A CEC Training at Sea consolidated to P3A Upgrade Kits line. Unit cost adjusted to reflect lower hardware costs. Quantity increase for additional upgrade kits for LCS in accordance with fleet priorities. Install cost increase reflects increasing Planning Yard and Alteration Installation Team (AIT) installation cost requirements, inflation, and upgrade complexity. Unit costs are variable due to the unique software and/or hardware required by the specific training capability improvement.

Exhibit P-3a, Individual Modification: PB 2027 Navy		Date: April 2026
Appropriation / Budget Activity / Budget Sub Activity: 1810N / 04 / 7	**P-1 Line Item Number / Title:** 5664 / Surface Training Equipment	**Modification Number / Title:** 2 / MB040 BFTT/ATD/TSTC Upgrade Kits
ID Code (A=Service Ready, B=Not Service Ready) :	**MDAP/MAIS Code:**	

(16) Upgrade kit procurements are on average initiated in first quarter and become available in second quarter of the current fiscal year for installation in third quarter, finishing in second quarter of the next fiscal year.