Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Navy	Date: March 2024
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 0604786N *I Offensive Anti-Surface Warfare Weapon Dev*

COST ($ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
Total Program Element	1,536.312	216.982	237.655	341.907	-	341.907	264.941	202.942	175.527	158.863	Continuing	Continuing
3337: *Offensive Anti-Surface Warfare (OASuW) Weapon*	1,496.970	6.349	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1,503.319
3343: *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*	0.000	147.061	95.797	178.619	-	178.619	197.073	177.020	166.882	147.248	Continuing	Continuing
3466: *LRASM C-3*	39.342	63.572	141.858	163.288	-	163.288	67.868	25.922	8.645	11.615	Continuing	Continuing

Program MDAP/MAIS Code:
Project MDAP/MAIS Code(s): P449

A. Mission Description and Budget Item Justification

Offensive Anti-Surface Warfare (OASuW) is an offensive weapon system that is a vital component of the Joint Force Anti-Surface Warfare capability and incorporates new and emergent technologies to support an increased offensive strike capability utilizing multiple weapons. OASuW Increment 2 is a national imperative to maturing hypersonic capabilities. The program will provide the Navy a necessary weapon to address evolving long range high speed threats from near peer competitors. The OASuW program is part of the Navy's Long Range Fires (LRF) approach to address advanced threat capabilities in the Anti-Access/Area-Denial (A2AD) environment. LRF solutions enable individual system capabilities to be leveraged across an effects chain, placing the full spectrum of tactical capability in the hands of the warfighter. LRF solutions that push engagement distances beyond the launch platform's radar horizon and allows the U.S. Navy to operate in, and control, contested battle space in littoral waters and A2/AD environments are increasingly critical as more and more scenarios require compressed and coordinated fire control timelines. OASuW strategy pursues capability across multiple weapon systems to enhance warfighting capabilities.

Project 3343 - The Department of the Navy is developing Offensive Anti-Surface Warfare Increment 2 (OASuW Inc 2), also known as Hypersonic Air-Launched OASuW (HALO), to address weapon system requirements based on the OASuW Analysis of Alternatives (AoA). OASuW Inc 2/HALO will be a carrier-suitable, higher-speed, longer-range, air-launched weapon system providing superior Anti Surface Warfare capabilities. The program is part of the Navy's Long Range Fires investment approach to meet objectives of the National Defense Strategy. As a key component of this strategy, OASuW Inc 2/HALO will address advanced threats from engagement distances that allow the Navy to operate in, and control, contested battle space in littoral waters and Anti-Access/Area Denial (A2/AD) environments. To the maximum extent possible, the Navy will leverage technology being matured in the Science and Technology (S&T) and rapid prototyping arenas to support aggressive schedule execution. The OASuW Inc 2/HALO program will progress through a competitive technical maturation and design development period which will provide the foundation for an Engineering, Manufacturing and Development contract. Department approved requirements are documented in a Service Level Capability Development Document. In order to counter the evolving near-peer threat capability, OASuW Inc 2/HALO has been accelerated to achieve Early Operational Capability (EOC) in FY 2029.

Exhibit R-2, RDT&E Budget Item Justification: PB 2025 Navy	Date: March 2024
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 Program Element (Number/Name)** PE 0604786N *I Offensive Anti-Surface Warfare Weapon Dev*

Project 3466 - The LRASM C-3 program is established to improve OASuW and incorporate a long range strike capability into the Navy's arsenal derived from the Navy's AGM-158C-1 LRASM and the Air Force's AGM-158 JASSM-ER. The Navy will integrate an AGM-158 derived weapon onto F/A-18 E/F aircraft. This funding line resources requirements for Navy increased LRASM capabilities and strike mission integration by upgrading the existing AGM-158C product to respond to rapidly changing threats.

Project 3337 - Due to emerging threats, the fleet issued an Urgent Operational Needs Statement (UONS) that identified a capability gap for a long-range anti-ship missile to be filled by 2018. Directly supporting this UONS and significantly reducing Joint Force warfighting risks, the U.S. Navy initiated OASuW Increment 1 (OASuW-1), which leverages the Defense Advanced Research Projects Agency (DARPA)/Office of Naval Research Long Range Anti-Ship Missile (LRASM) demonstration program to deliver an Early Operational Capability (EOC) in the required timeframe. LRASM fills the most urgent air-launched capability gap to complement existing ASuW weapon systems and positions the Department of Defense to address evolving surface warfare threats. LRASM is integral to realizing the National Defense Strategy of combat-credible military forces to deter war, protect the security of our nation and to enable the Joint Force to win should deterrence fail. The development and acquisition of LRASM has been structured to be fielded at a pace relevant to maintain overmatch against long-term strategic competition. Specifically, LRASM directly contributes to building a more lethal force and is a critical enabler for joint lethality in contested environments; deterring adversaries from aggression; ensuring common domains remain open and maintaining favorable regional balances of power. The more capable LRASM 1.1 capability improvement efforts conclude with FY 2023 funding.

Budget Item Justification: This program is funded under ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES because it includes all efforts necessary to evaluate integrated technologies, representative models or prototype systems in a high fidelity and realistic operating environment.

B. Program Change Summary ($ in Millions)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Previous President's Budget	223.826	237.655	284.751	-	284.751
Current President's Budget	216.982	237.655	341.907	-	341.907
Total Adjustments	-6.844	0.000	57.156	-	57.156
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-6.844	0.000			
• Program Adjustments	0.000	0.000	57.315	-	57.315
• Rate/Misc Adjustments	0.000	0.000	-0.159	-	-0.159

Change Summary Explanation

FY 2025 increased by $57.156M for HALO development and other minor adjustments.

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	Project (Number/Name) 3337 / *Offensive Anti-Surface Warfare (OASuW) Weapon*	

COST ($ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
3337: *Offensive Anti-Surface Warfare (OASuW) Weapon*	1,496.970	6.349	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1,503.319
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Offensive Anti-Surface Warfare (OASuW) is an offensive weapon system that can be air, surface, and subsurface launched in the maritime battle space environment. OASuW is a vital component of the Joint Force Anti-Surface Warfare capability and incorporate new and emergent technologies to support an increased offensive future strike capability. Due to emerging threats, the fleet issued an Urgent Operational Needs Statement (UONS) that identified a capability gap for a long-range anti-ship missile to be filled by 2018. Directly supporting this UONS and significantly reducing Joint Force warfighting risks, the U.S. Navy initiated OASuW Increment 1 (OASuW-1), which leverages the Defense Advanced Research Projects Agency(DARPA)/Office of Naval Research Long Range Anti-Ship Missile (LRASM) demonstration program to deliver an Early Operational Capability (EOC) in the required timeframe. LRASM fills the most urgent air-launched capability gap to complement existing ASuW weapon systems and positions the Department of Defense to address evolving surface warfare threats. LRASM is integral to realizing the National Defense Strategy of combat-credible military forces to deter war, protect the security of our nation and to enable the Joint Force to win should deterrence fail. The development and acquisition of LRASM has been structured to be fielded at a pace relevant to maintain overmatch against long-term strategic competition. Specifically, LRASM directly contributes to building a more lethal force and is a critical enabler for joint lethality in contested environments; deterring adversaries from aggression; ensuring common domains remain open and maintaining favorable regional balances of power.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: OASuW Development Program	6.349	0.000	0.000	0.000	0.000
Articles:	-	-	-	-	-
FY 2024 Plans: N/A					
FY 2025 Base Plans: N/A					
FY 2025 OCO Plans: N/A					
Accomplishments/Planned Programs Subtotals	6.349	0.000	0.000	0.000	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3337 / *Offensive Anti-Surface Warfare (OASuW) Weapon*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• WPN/2291: *LRASM*	219.662	639.636	326.337	-	326.337	386.118	404.714	411.942	420.675	0.000	3,482.166

Remarks

D. Acquisition Strategy

OASuW-1 is using an accelerated acquisition approach, with streamlined governance to transition the DARPA/ONR-demonstrated Long Range Anti-Ship Missile (LRASM) for use as an air-launched weapon from USAF and USN platforms. LRASM is integral to realizing the National Defense Strategy of combat-credible military forces to deter war, protect the security of our nation and to enable the Joint Force to win should deterrence fail. LRASM supports greater performance of the acquisition system and is demonstrating the delivery of performance at the speed of relevance; organizational structure that supports innovation with a rapid approach that dramatically decreases the timeline from development to fielding. The program is leveraging DoDI 5000.02i Model 4 to structure the acquisition strategy, which includes a highly integrated and concurrent transition design, integration, and developmental / operational test program which successfully met the Early Operation Capability (EOC) fielding threshold required by an Urgent Operational Need Statement (UONS) issued by the fleet. The program is structured in three phases: Technology Maturation, Integration and Test, and Procurement. To manage the accelerated timeline and resulting concurrency, the program uses a structured Knowledge Point review process that support decisions regarding significant program events such as transition from design to integration phase and contract awards. These reviews also provide senior DoD leadership the opportunity to provide focused support and active management of technical and acquisition risk and are chaired by the Service Acquisition Executive, ASN(RDA) (delegated MDA), and the Deputy Director of DARPA. The knowledge points are similar to acquisition milestone reviews, but occur more frequently. Knowledge Point 7 supported Lot 3 procurement and Knowledge Point 8 supported USN EOC decision. The program met the statutory requirements associated with Milestone B at Knowledge Point 3. In addition to the Knowledge Point reviews, the program also conducts Executive Steering Board reviews (also chaired by the MDA). Supporting these reviews, the associated engineering approach is designed to mitigate resulting risk by implementing a rolling-wave engineering progression based on the NAVAIR Systems Engineering Technical Review (SETR) process to enable detailed planning and decisions as the system matures. The LRASM 1.1 capability improvements program, which initiated in FY 2019, follows in the same manner with continued reviews and test events to achieve incorporation of those improvements on future production units.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3337 / *Offensive Anti-Surface Warfare (OASuW) Weapon*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Product Development	C/CPIF	Lockheed Martin : Orlando, FL	1,049.815	1.422	Feb 2023	0.000		0.000		-		0.000	0.000	1,051.237	1,051.237
Product Development	C/CPFF	Boeing : St. Louis, MO	63.003	0.000		0.000		0.000		-		0.000	0.000	63.003	63.003
		Subtotal	1,112.818	1.422		0.000		0.000		-		0.000	0.000	1,114.240	N/A

Remarks

The OASuW Increment 1 development program concludes with FY 2023 funding upon the completion of LRASM 1.1 capability improvements.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Support	WR	NAWC AD : Patuxent River, MD	13.116	0.289	Dec 2022	0.000		0.000		-		0.000	0.000	13.405	-
Government Support	WR	NAWC WD : China Lake, CA	73.199	1.261	Jan 2023	0.000		0.000		-		0.000	0.000	74.460	-
Development Support	WR	NSMA : Washington, DC	46.724	1.759	Mar 2023	0.000		0.000		-		0.000	0.000	48.483	-
Contractor Support	C/CPFF	JHU/APL : Laurel, MD	12.862	0.000		0.000		0.000		-		0.000	0.000	12.862	12.862
Contractor Support	C/FFP	Gryphon - Schafer Corporation : Arlington, VA	25.938	0.000		0.000		0.000		-		0.000	0.000	25.938	25.938
Mission Planning Support	C/CPFF	Tapestry : San Diego, CA	12.655	0.481	Sep 2023	0.000		0.000		-		0.000	0.000	13.136	13.136
Contractor Support	C/FFP	SAIC : Patuxent River, MD	3.011	0.061	Apr 2023	0.000		0.000		-		0.000	0.000	3.072	3.072
Contractor Support	Various	Various : Various	15.931	0.399	Dec 2022	0.000		0.000		-		0.000	0.000	16.330	-
Government Support	Various	Various : Various	7.609	0.330	Dec 2022	0.000		0.000		-		0.000	0.000	7.939	-
Prior Yr Supp no longer funded in the FYDP	Various	Various : Various	2.800	0.000		0.000		0.000		-		0.000	0.000	2.800	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3337 / *Offensive Anti-Surface Warfare (OASuW) Weapon*

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
		Subtotal	213.845	4.580		0.000		0.000		-		0.000	0.000	218.425	N/A

Remarks

The OASuW Increment 1 development program concludes with FY 2023 funding upon the completion of LRASM 1.1 capability improvements.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	WR	NAWC WD : China Lake, CA	74.383	0.000		0.000		0.000		-		0.000	0.000	74.383	-
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	WR	NAWC AD : Patuxent River, MD	34.300	0.000		0.000		0.000		-		0.000	0.000	34.300	-
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	WR	COTF : Norfolk, VA	0.534	0.000		0.000		0.000		-		0.000	0.000	0.534	-
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	MIPR	USAF : Various	5.900	0.000		0.000		0.000		-		0.000	0.000	5.900	-
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	C/CPFF	NAVSUP : Port Hueneme, CA	0.225	0.000		0.000		0.000		-		0.000	0.000	0.225	0.225
Prior Year Developmental Test & Evaluation Not Funded FYDP (PYDT&E)	Various	Various : Various	23.801	0.000		0.000		0.000		-		0.000	0.000	23.801	-
		Subtotal	139.143	0.000		0.000		0.000		-		0.000	0.000	139.143	N/A

Remarks

The OASuW Increment 1 development program concludes with FY 2023 funding upon the completion of LRASM 1.1 capability improvements.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3337 / *Offensive Anti-Surface Warfare (OASuW) Weapon*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Support	WR	NAWC AD : Patuxent River, MD	13.462	0.235	Jan 2023	0.000		0.000		-		0.000	0.000	13.697	-
Government Support	WR	NAWC WD : China Lake, CA	14.313	0.000		0.000		0.000		-		0.000	0.000	14.313	-
Project Management Support	C/CPFF	NAWC AD : Patuxent River, MD	1.683	0.000		0.000		0.000		-		0.000	0.000	1.683	1.683
Travel	Various	NAWC AD : Patuxent River, MD	1.706	0.112	Oct 2022	0.000		0.000		-		0.000	0.000	1.818	-
		Subtotal	31.164	0.347		0.000		0.000		-		0.000	0.000	31.511	N/A

Remarks

The OASuW Increment 1 development program concludes with FY 2023 funding upon the completion of LRASM 1.1 capability improvements.

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	1,496.970	6.349		0.000		0.000		-		0.000	0.000	1,503.319	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface War fare Weapon Dev*	**Project (Number/Name)** 3337 / *Offensive Anti-Surface Warfare (OASuW) Weapon*

OASuW Inc. 1 / LRASM PB25 Program Schedule

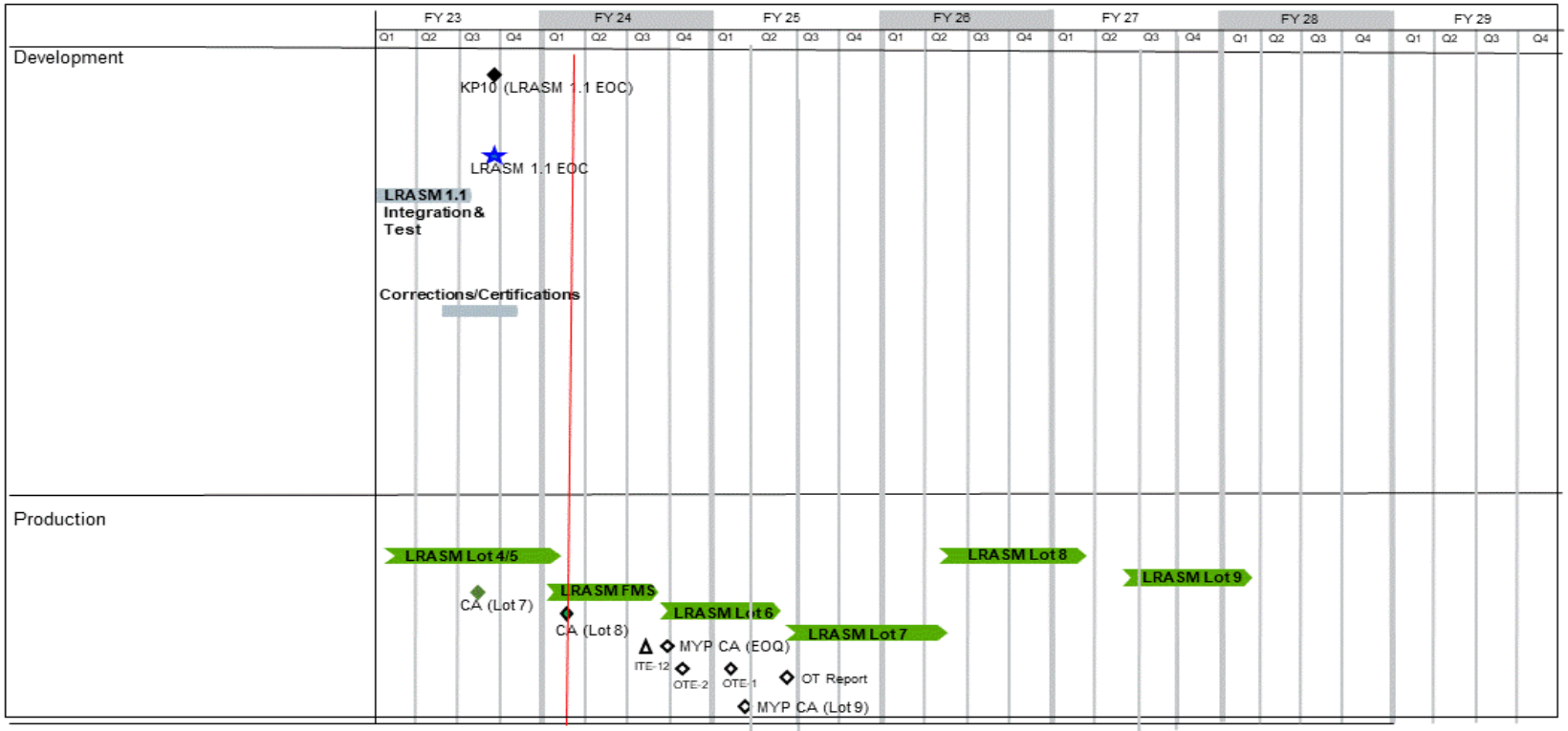

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Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3337 / *Offensive Anti-Surface Warfare (OASuW) Weapon*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Offensive Anti-Surface Weapon (OASuW)				
Development: Knowledge Point 10 (LRASM v1.1)	3	2023	3	2023
Development: Early Operational Capability (LRASM v1.1) Navy	3	2023	3	2023
Development: LRASM 1.1 Integration & Test	1	2023	3	2023
Development: Corrections / Certifications	2	2023	4	2023
Production: FY 2023 Production Buy - (AF, NAVY) (Lot 7)	3	2023	3	2023
Production: FY 2024 Production Buy - (AF, NAVY) (Lot 8)	1	2024	1	2024
Production: FY 2025 Production Buy - (AF, NAVY) (Lot 9)	1	2025	1	2025
Production: Lot 4/5 Deliveries	1	2023	1	2024
Production: Lot 4/5 FMS Deliveries	1	2024	3	2024
Production: Lot 6 Deliveries	3	2024	2	2025
Production: Lot 7 Deliveries	2	2025	2	2026
Production: Lot 8 Deliveries	2	2026	1	2027
Production: Lot 9 Deliveries	2	2027	1	2028
Production: Integrated Test Event-12	3	2024	3	2024
Production: Operational Test Event-1	1	2025	1	2025
Production: Operational Test Event-2	4	2024	4	2024
Production: Operational Test Report	2	2025	2	2025
Production: Multi Year Procurement Contract Award (EOQ)	3	2024	3	2024

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	Project (Number/Name) 3343 / *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*	

COST ($ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
3343: *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*	0.000	147.061	95.797	178.619	-	178.619	197.073	177.020	166.882	147.248	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Department of the Navy is developing Offensive Anti-Surface Warfare Weapon Increment II (OASuW Inc 2), also known as Hypersonic Air-Launched OASuW (HALO), (PU 3343) to address weapon system requirements based on the OASuW Analysis of Alternatives (AoA). OASuW Inc 2/HALO will be a carrier-suitable, higher-speed, longer-range, air-launched weapon system providing superior Anti-Surface Warfare capabilities. The program is part of the Navy's Long Range Fires investment approach to meet objectives of the National Defense Strategy. As a key component of this strategy, OASuW Inc 2/HALO will address advanced threats from engagement distances that allow the Navy to operate in, and control, contested battle space in littoral waters and Anti-Access/Area Denial (A2/AD) environments. To the maximum extent possible, the Navy will leverage technology being matured in the Science and Technology (S&T) and rapid prototyping arenas to support aggressive schedule execution. The OASuW Inc 2/HALO program will progress through a competitive technical maturation and design development period which will provide the foundation for an Engineering, Manufacturing and Development contract. Department approved requirements are documented in a Service Level Capabilities Development Document. In order to counter the evolving near-peer threat capability, OASuW Inc 2/HALO has been accelerated to achieve Early Operational Capability (EOC) in FY 2029.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: OASuW Increment II/HALO Development Program	147.061	95.797	178.619	0.000	178.619
Articles:	-	-	-	-	-
FY 2024 Plans: FY 2024 continues the maturation of the critical technologies and prototyping efforts culminating in Technical Review 2 (TR#2). TR#2 is a technical assessment ensuring the physically allocated baseline will be operationally effective. A successful TR#2 will be used to support a Milestone B decision to be achieved in FY2025.					
FY 2025 Base Plans: FY 2025 will complete the Middle Tier Acquisition (MTA) effort (maturation of the critical technologies and prototyping efforts). The Major Capability Acquisition (MCA) Engineering and Manufacturing Development (EMD) contract will be awarded. The Program will conduct subsystem Critical Design reviews and start acquiring long lead material. In addition, qualification test events will commence in FY 2025.					
FY 2025 OCO Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3343 / *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
N/A ***FY 2024 to FY 2025 Increase/Decrease Statement:*** Increase from FY 2024 to FY 2025 is in support of a transition from a Middle Tier Acquisition program to a Major Capability Acquisition at Milestone B. This transition will allow for Early Operational Capability (EOC) in FY 2029.					
Accomplishments/Planned Programs Subtotals	147.061	95.797	178.619	0.000	178.619

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• 2293: *HALO*	0.000	0.000	0.000	-	0.000	0.000	58.592	98.063	156.692	0.000	313.347

Remarks

D. Acquisition Strategy

The OASuW Inc 2/ HALO transition to a Major Capability Acquisition (MCA) strategy was signed on 7 August 2023 by ASN (RDA).

OASuW Inc 2/HALO will leverage significant Science & Technology investments in critical technologies and requirements definition to implement an acquisition strategy that will deliver an affordable capability to the warfighter. The acquisition strategy will define the program in terms of cost and performance parameters that will trace to mission objectives based on a robust understanding of the capability and technical trade space.

The Government expects the acquisition to follow a competitive, phased approach with initial activities focusing on system concepts, model-based systems engineering, preliminary design and technology development and technology integration efforts. Successful offerors may have the opportunity to continue with detailed design and production activities as part of future contracting efforts.

The effort involves the use of Digital Engineering (DE) and Model-Based Systems Engineering (MBSE) practices for requirements, design, trade studies, and analyses; as well as the use of DE/MBSE to accomplish technical planning for qualification, component/subsystem testing, manufacturing, and sustainment of the system under representative operational conditions in future phases of the program.

The program is currently executing a Middle Tier of Acquisition approach per Section 804 of the FY 2016 National Defense Authorization Act (NDAA), as amended in FY 2017 NDAA (codified at 10 U.S.C. sub sec 2302 note). It will be executed as a Rapid Prototyping effort with a focus on rapid development of a carrier-suitable hypersonic propulsion system.

The program will formally transition to a Major Capability Acquisition following a successful Milestone B Decision.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3343 / *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Product Development - Preliminary Design	C/FFP	Raytheon : Tucson, AZ	0.000	54.523	Mar 2023	0.000		0.000		-		0.000	0.000	54.523	54.523
Product Development - Preliminary Design	C/FFP	Lockheed Martin : Orlando, FL	0.000	62.004	Mar 2023	0.000		0.000		-		0.000	0.000	62.004	62.004
Product Development - Preliminary Design 1	C/FFP	NSMA : Washington, DC	0.000	0.000		34.353	Mar 2024	0.000		-		0.000	0.000	34.353	34.353
Product Development - Preliminary Design 2	C/FFP	NSMA : Washington, DC	0.000	0.000		34.354	Apr 2024	0.000		-		0.000	0.000	34.354	34.354
Product Development - EMD	C/CPIF	TBD : TBD	0.000	0.000		0.000		104.287	Jan 2025	-		104.287	Continuing	Continuing	Continuing
Product Development - EMD	C/CPIF	NSMA : Washington, DC	0.000	0.000		0.000		36.019	Jan 2025	-		36.019	Continuing	Continuing	Continuing
Product Development - SCTV	C/FFP	USAF : Eglin AFB, FL	0.000	1.600	Nov 2023	0.000		0.000		-		0.000	0.000	1.600	1.600
Product Development - Radios	C/CPFF	Data Link Solutions : Cedar Rapids, IA	0.000	10.055	Oct 2023	0.000		0.000		-		0.000	0.000	10.055	10.055
		Subtotal	0.000	128.182		68.707		140.306		-		140.306	Continuing	Continuing	N/A

Remarks

FY 2025: Initial funding for EMD contractor for development and design efforts and the procurement of developmental material to support CDR in FY 2026 and Early Operational Capability (EOC) in FY 2029. This effort includes design maturation, early developmental testing and early aircraft integration efforts.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Support	WR	NAWCAD : Patuxent River, MD	0.000	3.225	Mar 2023	8.636	Nov 2023	8.400	Nov 2024	-		8.400	Continuing	Continuing	Continuing
Government Support	WR	NAWCWD : China Lake, CA	0.000	3.894	Mar 2023	3.670	Nov 2023	6.723	Nov 2024	-		6.723	Continuing	Continuing	Continuing
Development Support	C/CPFF	NSMA : Washington, DC	0.000	8.765	Mar 2023	6.711	Jan 2024	7.665	Jan 2025	-		7.665	Continuing	Continuing	Continuing

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3343 / *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support	Various	Various : Various	0.000	1.767	Apr 2023	0.000		2.353	Apr 2025	-		2.353	Continuing	Continuing	Continuing
		Subtotal	0.000	17.651		19.017		25.141		-		25.141	Continuing	Continuing	N/A

Remarks

Increase in FY 2025 funding supports the acceleration and achievement of Early Operational Capability (EOC) in FY 2029. Support costs consist of support from Government offices and contractor support experts associated with engineering, technical reviews, threat analysis, CONOPs, training and tactical assessments for OASuW Increment 2.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation (DT&E)	WR	NAWCAD : Patuxent River, MD	0.000	0.000		0.862	Nov 2023	2.130	Nov 2024	-		2.130	Continuing	Continuing	Continuing
Developmental Test & Evaluation (DT&E)	WR	NAWCWD : China Lake, CA	0.000	0.000		2.255	Nov 2023	4.081	Nov 2024	-		4.081	Continuing	Continuing	Continuing
Developmental Test & Evaluation (DT&E)	TBD	TBD : TBD	0.000	0.000		3.000	Jan 2024	4.111	Jan 2025	-		4.111	Continuing	Continuing	Continuing
		Subtotal	0.000	0.000		6.117		10.322		-		10.322	Continuing	Continuing	N/A

Remarks

Increase in FY 2025 funding supports the acceleration and achievement of Early Operational Capability (EOC) in FY 2029. Test and Evaluation costs consist of support from Government offices associated with establishing test and evaluation requirements and test plans for OASuW Increment 2 as well as efforts to standup modeling and simulation.

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Support	WR	NAWCAD : Patuxent River, MD	0.000	0.290	Mar 2023	0.731	Nov 2023	1.150	Nov 2024	-		1.150	Continuing	Continuing	Continuing
Government Support	WR	NAWCWD : China Lake, CA	0.000	0.610	Mar 2023	0.890	Nov 2023	1.359	Nov 2024	-		1.359	Continuing	Continuing	Continuing
Development Support	Various	Various : Various	0.000	0.328	Apr 2023	0.335	Apr 2024	0.341	Apr 2025	-		0.341	Continuing	Continuing	Continuing

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3343 / *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			0.000	1.228		1.956		2.850		-		2.850	Continuing	Continuing	N/A

Remarks

Increase in FY 2025 funding supports the acceleration and achievement of Early Operational Capability (EOC) in FY 2029. Management services consists of Non-Headquarters Program Office management teams required for the management of the program.

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	147.061		95.797		178.619		-		178.619	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3343 / *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*

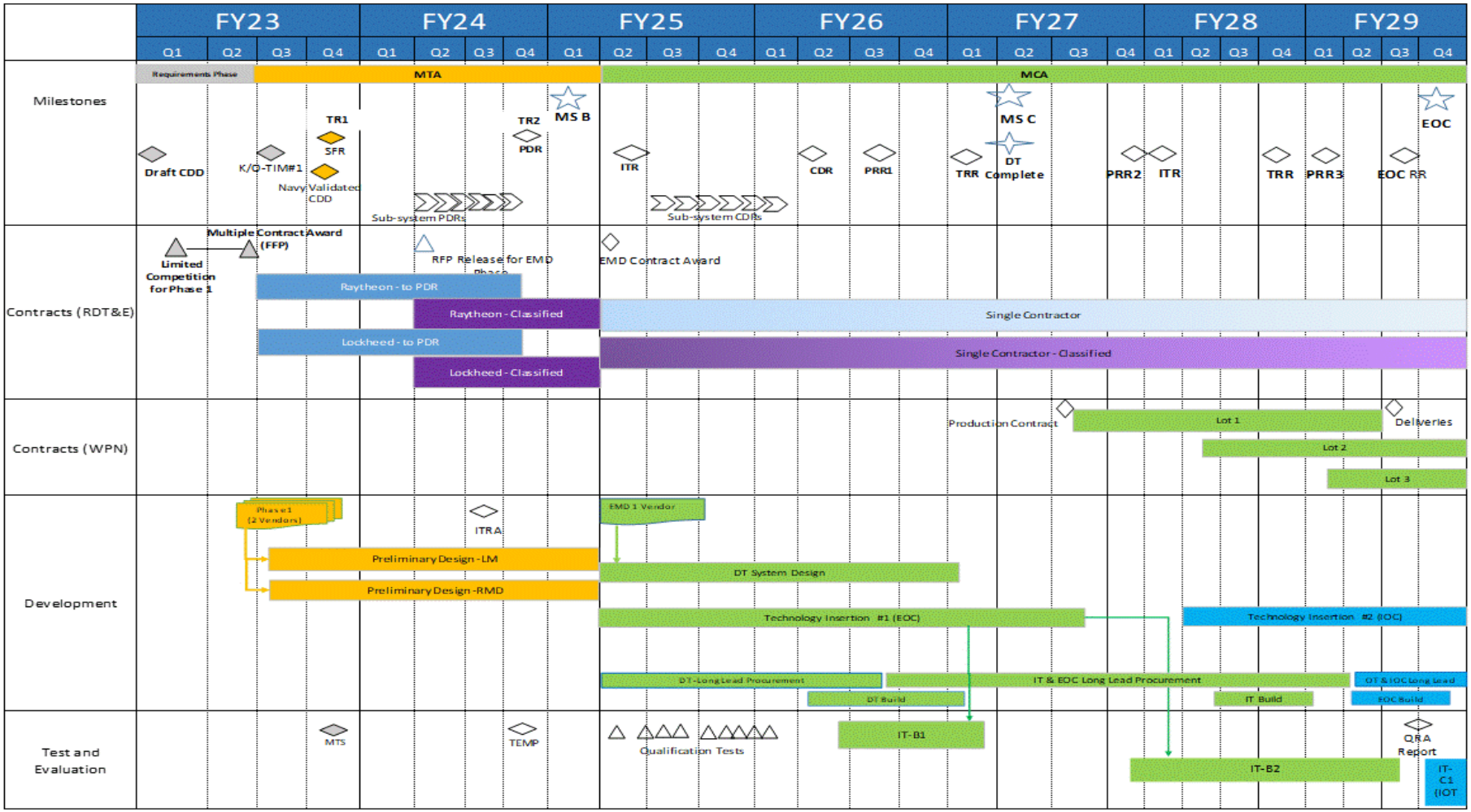


Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3343 / *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 3343				
Milestones: Rapid Prototyping - Middle Tier of Acquisition (MTA)	2	2023	2	2025
Milestones: Major Capability Acquisition (MCA)	2	2025	4	2029
Milestones: Draft Capabilities Development Document	1	2023	1	2023
Milestones: Contract Kick Off / Tech Interchange Meetinting	3	2023	3	2023
Milestones: TR1 - System Functional Review	4	2023	4	2023
Milestones: TR2 - Preliminary Design Review	4	2024	4	2024
Milestones: Navy Validated CDD	4	2023	4	2023
Milestones: Subsystem PDRs	2	2024	4	2024
Milestones: Integrated Tech Review - 1	2	2025	2	2025
Milestones: Subsystem CDRs	3	2025	1	2026
Milestones: Critical Design Review	2	2026	2	2026
Milestones: Production Readiness Review - 1	3	2026	3	2026
Milestones: Milestone B	1	2025	1	2025
Milestones: Milestone C	2	2027	2	2027
Milestones: DT Complete	2	2027	2	2027
Milestones: Test Readiness Review - 1	1	2027	1	2027
Milestones: Production Readiness Review - 2	4	2027	4	2027
Milestones: Integrated Tech Review - 2	1	2028	1	2028
Milestones: Test Readiness Review - 2	4	2028	4	2028
Milestones: Production Readiness Review - 3	1	2029	1	2029
Milestones: Early Operational Capability Readiness Review	3	2029	3	2029

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3343 / *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Milestones: Early Operational Capability	4	2029	4	2029
Contracts RDTE: RFP release for EMD contract	2	2024	2	2024
Contracts RDTE: RMD - Unclassified to PDR	3	2023	4	2024
Contracts RDTE: RMD - Classified	2	2024	2	2025
Contracts RDTE: LM - Unclassified to PDR	3	2023	4	2024
Contracts RDTE: LM - Classified	2	2024	2	2025
Contracts RDTE: EMD contract award	2	2025	2	2025
Contracts RDTE: Single Contractor TBD Unclassified	2	2025	4	2029
Contracts RDTE: Single Contractor TBD Classified	2	2025	4	2029
Contracts WPN: Production Contract Award	3	2027	3	2027
Contracts WPN: Lot 1 Deliveries	3	2027	3	2029
Contracts WPN: Lot 2 Deliveries	2	2028	4	2029
Contracts WPN: Lot 3 Deliveries	1	2029	4	2029
Development: TRA	3	2024	3	2024
Development: Phase 1 Vendors - Preliminary Design - LM	3	2023	2	2025
Development: Phase 1 Vendors - Preliminary Design - RMD	3	2023	2	2025
Development: DT System Design	2	2025	1	2027
Development: Technical Insertion #1 (EOC)	2	2025	3	2027
Development: Technical Insertion #2 (EOC)	2	2028	4	2029
Development: DT Long Lead Procurement	2	2025	3	2026
Development: IT & EOC Long Lead Procurement	3	2026	2	2029
Development: OT & IOC Long Lead Procurement	2	2029	4	2029
Development: DT Build	2	2026	1	2027
Development: IT Build	2	2028	1	2029
Development: EOC Build	2	2029	4	2029

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3343 / *Offensive Anti-Surface Warfare (OASuW) Weapon Increment II*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Test and Evaluation: TEMP	4	2024	4	2024
Test and Evaluation: IT - B1	2	2026	1	2027
Test and Evaluation: IT - B2	4	2027	3	2029
Test and Evaluation: QRA Report	4	2029	4	2029
Test and Evaluation: IT - C1	4	2029	4	2029
Test and Evaluation: Qualification Events	2	2025	1	2026
Test and Evaluation: MTS	4	2023	4	2023

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	Project (Number/Name) 3466 / *LRASM C-3*	

COST ($ in Millions)	Prior Years	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
3466: *LRASM C-3*	39.342	63.572	141.858	163.288	-	163.288	67.868	25.922	8.645	11.615	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: P449

A. Mission Description and Budget Item Justification

The LRASM C-3 (PU 3466) is established to enhance the Navy's OASuW and incorporate a future long range strike capability into the Navy's arsenal derived from the Navy's AGM-158C-1 LRASM and the Air Force's AGM-158 JASSM-ER. The Navy will integrate an AGM-158 derived weapon with extended range, enhanced radio and survivability onto F/A-18 aircraft and partner with USAF to further the capabilities of the AGM-158 product line. This funding line resources requirements for future Navy strike mission integration and employment by upgrading the existing AGM-158C product to respond to rapidly changing threats.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Title: LRASM C-3 Development Program	63.572	141.858	163.288	0.000	163.288
Articles:	-	-	-	-	-
FY 2024 Plans: Continue development of LRASM C-3 software, Beyond Line of Sight Weapons Data Link, extended range, advanced survivability, and integration on F/A-18. Complete design verification test for the radio and subsystem and integrate M-Code receiver. Continue development of software for BLOS mission planning, and missile Operational Flight Plan (OFP). Continue integration, ground and flight testing for shipboard storage and operations. Continue Subsystem development and Subsystem Qualification testing. Start construction of the free flight evaluation missiles (FFEM). Complete Critical Design Review.					
FY 2025 Base Plans: Phase 3 efforts will continue in FY 2025. System level testing will continue; Tooling, fixture, & test set development procurement and validation will continue; Software integration and Air worthiness efforts will be near completion; subsystem qualification will be achieved; and the FFEMs will be delivered. Flying Test Bed (FTB) flight test events will commence to support initial system flight tests.					
FY 2025 OCO Plans: N/A					
FY 2024 to FY 2025 Increase/Decrease Statement:					

Exhibit R-2A, RDT&E Project Justification: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface Warfare Weapon Dev*	**Project (Number/Name)** 3466 / *LRASM C-3*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total
Increase from FY 2024 to FY 2025 is in support of the sub system and system level verification activities required to support LRASM C3 in FY 2026.					
Accomplishments/Planned Programs Subtotals	63.572	141.858	163.288	0.000	163.288

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2023	FY 2024	FY 2025 Base	FY 2025 OCO	FY 2025 Total	FY 2026	FY 2027	FY 2028	FY 2029	Cost To Complete	Total Cost
• WPN/2291: *LRASM*	219.662	639.636	326.435	-	326.435	386.218	404.713	411.942	420.674	0.000	3,482.362

Remarks

USN AGM-158 variant

D. Acquisition Strategy

The USN LRASM C-3 acquisition strategy was approved November 2022 for the incorporation an engineering change proposal to the LRASM v1.1. This evolution includes the additional capabilities of extend range, advanced survivability and beyond line of sight communications.

The Navy is leveraging USAF and USN investment in the AGM-158 family of weapons to provide a future strike capability and enable further growth in the OASuW mission to optimize schedule, cost and performance tradeoffs. Utilization of the JASSM-ER/AGM-158 baseline enables rapid fielding of new capability without extensive non-recurring engineering and test efforts that would be required with a new weapon program. Commonality across the AGM-158 family enables the USN and USAF to continue to capitalize on joint development and production efficiencies to minimize recurring unit costs and improve operational flexibility.

Navy funded software development will leverage the USAF investment to convert JASSM-ER software to a C++ software baseline, similar to LRASM, and focus on combining JASSM-ER range and future strike capability, Beyond Line of Sight Weapons Data Link, advanced survivability, and LRASM OASuW capability into a merged Navy AGM-158 baseline. Future effort will expand both Navy future strike and OASuW capabilities within the program.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface War fare Weapon Dev*	**Project (Number/Name)** 3466 / *LRASM C-3*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Product Development	C/CPFF	Lockheed Martin Missile and Fire Control : Orlando, FL	26.624	54.000	Mar 2023	94.954	Dec 2023	86.034	Dec 2024	-		86.034	Continuing	Continuing	Continuing
Product Development	C/CPFF	NSMA : Washington DC	3.873	0.000		13.500	Dec 2023	30.850	Dec 2024	-		30.850	Continuing	Continuing	Continuing
Product Development - Integration	C/CPFF	Lockheed Martin : Orlando, FL	1.250	0.000		0.000		0.000		-		0.000	0.000	1.250	1.250
Product Development	C/CPFF	Data Link Solutions : Cedar Rapids, IA	4.500	0.000		4.000	Dec 2023	4.000	Dec 2024	-		4.000	0.000	12.500	12.500
		Subtotal	36.247	54.000		112.454		120.884		-		120.884	Continuing	Continuing	N/A

Remarks

Increase in FY 2025 Continues prime contractor product development and radio integration of AGM-158 derived capability for the Navy. Funds software development and integration for mission planning and OFP. Integration testing and test support. Begin Hardware Technical Data Package (TDP) and software development efforts towards an enhanced communications development capability.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Support	WR	NAWC AD : Patuxent River, MD	0.104	0.065	Dec 2022	5.000	Dec 2023	3.937	Nov 2024	-		3.937	Continuing	Continuing	Continuing
Government Support	WR	NAWC WD : China Lake, CA	0.450	0.288	Jan 2023	6.000	Nov 2023	12.714	Nov 2024	-		12.714	Continuing	Continuing	Continuing
Contractor Support	C/CPFF	NAWC AD : Patuxent River, MD	0.065	0.849	Nov 2022	2.904	Mar 2024	2.984	Mar 2025	-		2.984	Continuing	Continuing	Continuing
Contractor Support	C/CPFF	NSMA : Washington, DC	0.040	7.437	Jan 2023	1.500	Dec 2023	1.484	Dec 2024	-		1.484	Continuing	Continuing	Continuing
Contractor Support	C/CPFF	MIT Lincoln Lab : Lexington, MA	0.300	0.300	Jan 2023	0.000		0.485	Feb 2025	-		0.485	Continuing	Continuing	Continuing
Government Support	C/BA	PHS&T : Indian Head, MD	0.000	0.075	Jun 2023	0.000		0.100	Dec 2024	-		0.100	Continuing	Continuing	Continuing

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface War fare Weapon Dev*	**Project (Number/Name)** 3466 / *LRASM C-3*

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			0.959	9.014		15.404		21.704		-		21.704	Continuing	Continuing	N/A

Remarks

Increase in FY 2025 supports costs consist of support from government office and contractor support experts associated with engineering, software development and integration, threat analysis, CONOPs, and training and tactical assessments. Support of enhanced communications development.
FY 2025 NAWC WD China Lake costs increase to support the major flight test events and modeling and simulation hardware including modification of the Signal Processor in the Loop (SPIL) M&S environment required for initial fielding.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation (DT&E)	WR	NAWC AD : Patuxent River, MD	0.000	0.442	Jan 2023	1.000	Nov 2023	1.100	Nov 2024	-		1.100	Continuing	Continuing	Continuing
Developmental Test & Evaluation (DT&E)	WR	NAWC WD : China Lake, CA	2.113	0.043	Jan 2023	8.000	Nov 2023	14.200	Nov 2024	-		14.200	Continuing	Continuing	Continuing
Subtotal			2.113	0.485		9.000		15.300		-		15.300	Continuing	Continuing	N/A

Remarks

Increase in FY 2025 funding supports Test and Evaluation costs support test planning, flight testing, system qualifications, range time and target costs. Develops and executes the Navy AGM-158 integrated test program.
FY 2025 NAWC costs increase to support the major flight test events and modeling and simulation hardware required for initial fielding.

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Support	WR	NAWC AD : Patuxent River, MD	0.000	0.073	Dec 2022	2.000	Nov 2023	2.200	Nov 2024	-		2.200	Continuing	Continuing	Continuing
Government Support	WR	NAWC WD : China Lake, CA	0.023	0.000		3.000	Nov 2023	3.200	Nov 2024	-		3.200	Continuing	Continuing	Continuing
Subtotal			0.023	0.073		5.000		5.400		-		5.400	Continuing	Continuing	N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Navy			Date: March 2024
Appropriation/Budget Activity 1319 / 4	R-1 Program Element (Number/Name) PE 0604786N / *Offensive Anti-Surface War fare Weapon Dev*	Project (Number/Name) 3466 / *LRASM C-3*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2023 Cost	FY 2023 Award Date	FY 2024 Cost	FY 2024 Award Date	FY 2025 Base Cost	FY 2025 Base Award Date	FY 2025 OCO Cost	FY 2025 OCO Award Date	FY 2025 Total Cost	Cost To Complete	Total Cost	Target Value of Contract

Remarks

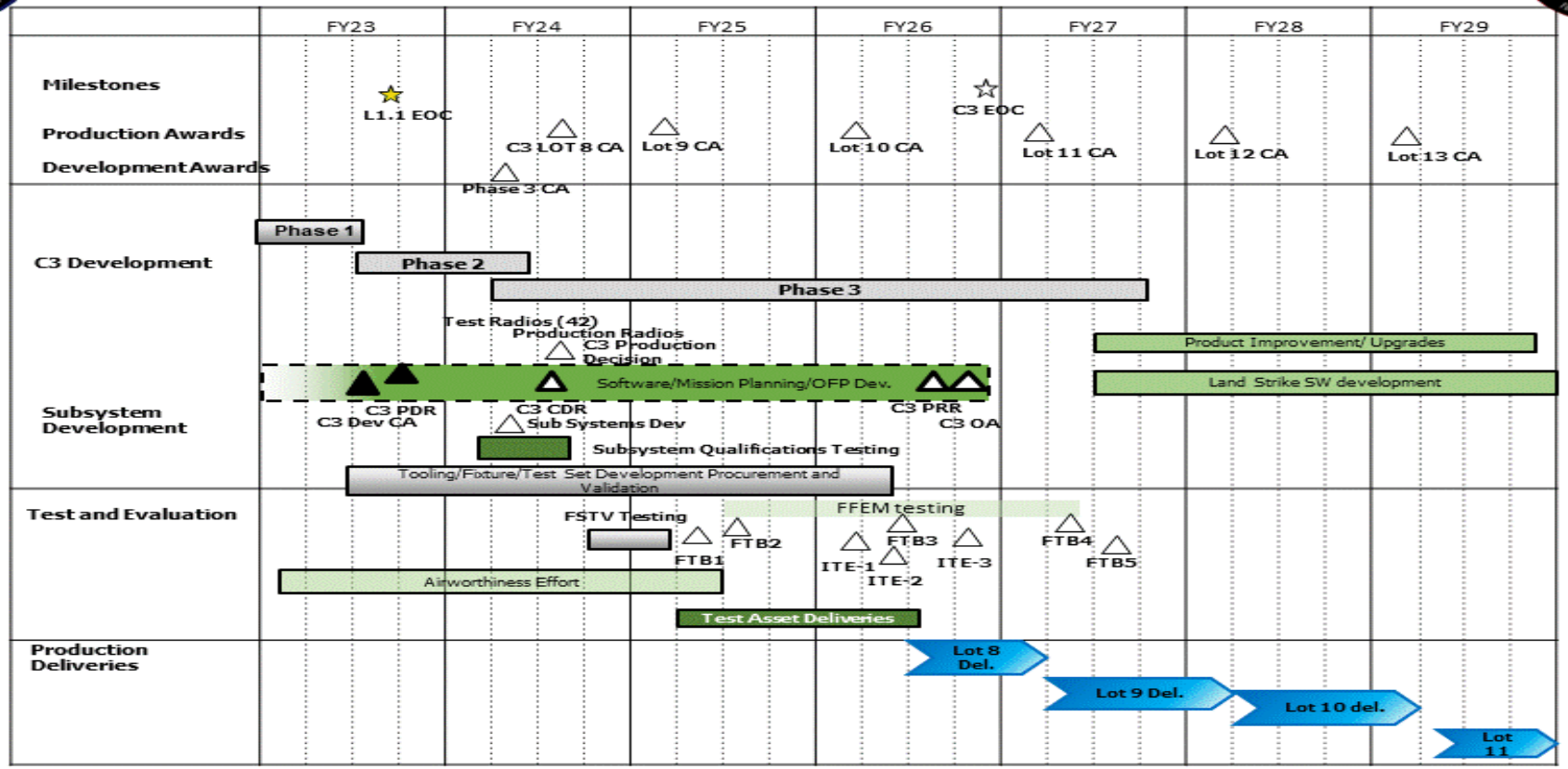
Management services cost consist of non-headquarters program office management team (government labor and contractor support services) required for the management of the program.

	Prior Years	FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	39.342	63.572		141.858		163.288		-		163.288	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface War fare Weapon Dev*	**Project (Number/Name)** 3466 / *LRASM C-3*

LRASM C-3 PB25 Schedule



NAVAIR

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface War fare Weapon Dev*	**Project (Number/Name)** 3466 / *LRASM C-3*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 3466				
Milestones / Contract Awards: LRASM C-3 Early Operational Capability	4	2026	4	2026
Milestones / Contract Awards: FY 2024 Lot 8 Contract Award	3	2024	3	2024
Milestones / Contract Awards: FY 2025 Lot 9 Contract Award	1	2025	1	2025
Milestones / Contract Awards: FY 2026 Lot 10 Contract Award	1	2026	1	2026
Milestones / Contract Awards: FY 2027 Lot 11 Contract Award	1	2027	1	2027
Milestones / Contract Awards: FY 2028 Lot 12 Contract Award	1	2028	1	2028
Milestones / Contract Awards: FY 2029 Lot 13 Contract Award	1	2029	1	2029
Milestones / Contract Awards: Phase 3 Contract Award	2	2024	2	2024
Development: Phase 1	1	2023	3	2023
Development: Phase 2	3	2023	2	2024
Development: Phase 3	2	2024	4	2027
Development: LRASM C3 Development Contract Award	3	2023	3	2023
Development: LRASM C-3 Preliminary Design Review	4	2023	4	2023
Development: LRASM C-3 Critical Design Review	3	2024	3	2024
Development: LRASM C-3 Production Decision	3	2024	3	2024
Development: LRASM C-3 PRR	3	2026	3	2026
Development: LRASM C-3 OA	4	2026	4	2026
Development: Subsystem Qualifications Testing	1	2024	3	2024
Development: Sub Systems Development	2	2024	2	2024
Development: Product improvement / Upgrades	3	2027	4	2029
Development: Future Land Strike SW Development	3	2027	4	2029

Exhibit R-4A, RDT&E Schedule Details: PB 2025 Navy		Date: March 2024
Appropriation/Budget Activity 1319 / 4	**R-1 Program Element (Number/Name)** PE 0604786N / *Offensive Anti-Surface War fare Weapon Dev*	**Project (Number/Name)** 3466 / *LRASM C-3*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Test and Evaluation: Tooling/Fixture/Test Set Development Procurement and Validation	2	2023	2	2026
Test and Evaluation: FTB1	2	2025	2	2025
Test and Evaluation: Test Asset Deliveries	2	2025	3	2026
Test and Evaluation: FTB2	3	2025	3	2025
Test and Evaluation: FTB3	2	2026	2	2026
Test and Evaluation: ITE-1	1	2026	1	2026
Test and Evaluation: ITE-2	2	2026	2	2026
Test and Evaluation: ITE-3	4	2026	4	2026
Test and Evaluation: Airworthiness Effort	1	2023	2	2025
Test and Evaluation: FSTV Testing	4	2024	1	2025
Test and Evaluation: FFEM Testing	3	2025	2	2027
Production: FY 2024 Deliveries	3	2026	1	2027
Production: FY 2025 Deliveries	2	2027	1	2028
Production: FY 2026 Deliveries	2	2028	1	2029
Production: FY 2027 Deliveries	2	2029	4	2029