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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2023 Navy **Date:** April 2022

<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MMA) Inc III</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	620.561	178.681	162.884	161.697	-	161.697	133.497	114.810	93.932	95.282	0.000	1,561.344
3218: <i>P-8A Spiral 2 Development</i>	608.012	173.854	162.884	161.697	-	161.697	133.497	114.810	93.932	95.282	0.000	1,543.968
9999: <i>Congressional Adds</i>	12.549	4.827	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	17.376

**Program MDAP/MAIS Code:**  
**Project MDAP/MAIS Code(s):** 334

**A. Mission Description and Budget Item Justification**

The P-8A Increment 3 program consists of incremental enhancement Engineering Change Proposals (ECPs) to system capabilities that will retain cost-wise effectiveness for major combat operations. Increment 3 will incorporate improvements to aircraft systems including significant war-altering Anti-Submarine Warfare (ASW) capabilities of Enhanced Multi-Static Active Coherent (MAC) and ASW Signal Intelligence (SIGINT) which are enabled by the incorporation of Combat System hardware and architecture improvements, ASW and Anti-Surface Warfare (ASuW) sensor improvements, communication capability upgrades, ASuW Net Enabled Weapon (NEW), Higher-Than-Secret (HTS) security capability, and associated pre/post-flight ground system development to support Increment 3 aircraft and Increment 3 ground system requirements.

These capabilities will be developed as a series of ECPs for the P-8A and are as follows:

- ECP 5 - Net Enabled Weapon Data Link, High Frequency radio Internet Protocol (HF-IP), Integrated Broadcast Service (IBS) filtering, IBS receiver, and Harpoon II+. (Forward-fit Fielding FY 2020, Retrofit Fielding FY 2021)
- ECP 6 - ASW SIGINT, Anti-Submarine Warfare (ASW) capability, Wide Band SATCOM, Higher Than Secret (HTS) processing, Enhanced track management (Minotaur), Applications Based Architecture (ABA) and Combat System.
- ECP 7 - Enhanced Multi-Static Active Coherent (MAC).
- Pre/Post-Flight Ground System Development - System upgrades to the associated ground support system and Operations Center (TOC)/Aircraft Media Gateway (AMG) systems.

To expedite fielding capability to the P-8A Fleet, ECPs 5 and 6 are executed concurrently as these capabilities are independent of one another. Enhanced MAC (ECP 7) software is also executed concurrently but is reliant on ECP 6's Combat System hardware and architecture to operate on the P-8A. Both ECP 6 and ECP 7 are integrated via the Platform Integration contract that awarded 2Q FY 2019. ECP 6 integration activities began 1Q FY 2019 with initiation of the Government Lead Capability Integrator (LCI) integration and award of the Platform Integration (PI) contract in 2Q FY 2019. ECP 7 integration activities began 1Q FY 2021. ECP 6/7 Integrated Flight Test & Evaluation will begin 3Q FY 2022. Enhanced MAC (ECP 7) is developed within Program Element (PE) 0604261N and integrated via the Platform Integration contract within this PE.

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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2023 Navy	<b>Date:</b> April 2022
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<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy I BA 5: System Development &amp; Demonstration (SDD)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MMA) Inc III</i>
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JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under SYSTEM DEVELOPMENT AND DEMONSTRATION because it includes requirements identified under the baseline P-8 program between Milestone B and the Full Rate Production Decision (FRPD). Subsequent to the P-8 FRPD, the DoD Acquisition Authority directed in 2016 these Increment 3 requirements be satisfied as Engineering Change Proposals (ECPs) under the existing P-8 program vice under a separate acquisition program.

Note: ECP 6/7 fielding in 1Q FY 2026 includes 7 aircraft (1 squadron) modified, trained and ready to deploy to include pre/post-flight ground systems.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Previous President's Budget	185.328	173.784	0.000	-	0.000
Current President's Budget	178.681	162.884	161.697	-	161.697
Total Adjustments	-6.647	-10.900	161.697	-	161.697
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-10.900			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-6.647	0.000			
• Program Adjustments	0.000	0.000	0.000	-	0.000
• Rate/Misc Adjustments	0.000	0.000	0.000	-	0.000
• Adjustments to Budget Year	-	-	161.697	-	161.697

**Congressional Add Details (\$ in Millions, and Includes General Reductions)**

**Project:** 9999: *Congressional Adds*

Congressional Add: *Small Business Technology Insertion*

Congressional Add Subtotals for Project: 9999

Congressional Add Totals for all Projects

	<b>FY 2021</b>	<b>FY 2022</b>
	4.827	0.000
	4.827	0.000
	4.827	0.000

**Change Summary Explanation**

FY 2022 reduced since previous President's Budget Submission due to a Congressional reduction for ECP 6 unjustified growth.

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FY 2023 funding increase reflects the fact that the FY 2022 President's Budget request did not include out-year funding.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Navy										<b>Date:</b> April 2022		
<b>Appropriation/Budget Activity</b> 1319 / 5					<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>				<b>Project (Number/Name)</b> 3218 / <i>P-8A Spiral 2 Development</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>	<b>FY 2024</b>	<b>FY 2025</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
3218: <i>P-8A Spiral 2 Development</i>	608.012	173.854	162.884	161.697	-	161.697	133.497	114.810	93.932	95.282	0.000	1,543.968
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**Project MDAP/MAIS Code:** 334

**A. Mission Description and Budget Item Justification**

The P-8A Increment 3 program consists of incremental enhancement Engineering Change Proposals (ECPs) to system capabilities that will retain cost-wise effectiveness for major combat operations. Increment 3 will incorporate improvements to aircraft systems including significant war-altering Anti-Submarine Warfare (ASW) capabilities of Enhanced Multi-Static Active Coherent (MAC) and ASW Signal Intelligence (SIGINT) which are enabled by the incorporation of Combat System hardware and architecture improvements, ASW and Anti-Surface Warfare (ASuW) sensor improvements, communication capability upgrades, ASuW Net Enabled Weapon (NEW), Higher-Than-Secret (HTS) security capability, and associated pre/post-flight ground system development to support Increment 3 aircraft and Increment 3 ground system requirements.

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To expedite fielding capability to the P-8A Fleet, ECPs 5 and 6 are executed concurrently as these capabilities are independent of one another. Enhanced MAC (ECP 7) software is also executed concurrently but is reliant on ECP 6's Combat System hardware and architecture to operate on the P-8A. Both ECP 6 and ECP 7 are integrated via the Platform Integration contract that awarded 2Q FY 2019. ECP 6 integration activities began 1Q FY 2019 with initiation of the Government Lead Capability Integrator (LCI) integration and award of the Platform Integration (PI) contract in 2Q FY 2019. ECP 7 integration activities began 1Q FY 2021. ECP 6/7 Integrated Flight Test & Evaluation will begin 3Q FY 2022. Enhanced MAC (ECP 7) is developed within Program Element (PE) 0604261N and integrated via the Platform Integration contract within this PE.

Note: ECP 6/7 fielding in 1Q FY 2026 includes 7 aircraft (1 squadron) modified, trained and ready to deploy to include pre/post-flight ground systems.

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Navy		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	<b>Project (Number/Name)</b> 3218 / <i>P-8A Spiral 2 Development</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
<p><b>Title:</b> Product Development</p> <p align="right"><b>Articles:</b></p> <p><b>FY 2022 Plans:</b> Continue ECP 6 and ECP 7 integration on the Platform Integration (PI) contract. Continue Government-led Lead Capability Integrator (LCI) efforts, associated ground support, test planning, Tactical Operations Center (TOC) systems/Aircraft Media Gateway (AMG) systems, and training systems upgrades. Initiate developmental test.</p> <p><b>FY 2023 Base Plans:</b> Continue ECP 6 and ECP 7 integration on the PI contract. Continue Government-led LCI efforts, associated ground support system development, test planning, TOC/AMG systems, training systems upgrades, and Integrated Flight Test and Evaluation efforts.</p> <p><b>FY 2023 OCO Plans:</b> N/A</p> <p><b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> Product Development decrease of \$8.737 million from FY 2022 to FY 2023 due to shift from development to Integrated Flight Test and Evaluation.</p>	160.849	143.449	134.712	0.000	134.712
	-	-	-	-	-
<p><b>Title:</b> Support/Test &amp; Evaluation/Management Services</p> <p align="right"><b>Articles:</b></p> <p><b>FY 2022 Plans:</b> Continue associated in-house government LCI/T&amp;E/management activities. Initiate developmental test.</p> <p><b>FY 2023 Base Plans:</b> Continue associated in-house government LCI/T&amp;E/management activities. Continue associated ground support system development, training systems upgrades, operational testing, and Integrated Flight Test and Evaluation efforts.</p> <p><b>FY 2023 OCO Plans:</b> N/A</p> <p><b>FY 2022 to FY 2023 Increase/Decrease Statement:</b></p>	13.005	19.435	26.985	0.000	26.985
	-	-	-	-	-

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2023 Navy		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	<b>Project (Number/Name)</b> 3218 / <i>P-8A Spiral 2 Development</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Support/Test & Evaluation/Management Services increase of \$7.550 million from FY 2022 to FY 2023 due to an increase in operational testing and Integrated Flight Test and Evaluation efforts.					
<b>Accomplishments/Planned Programs Subtotals</b>	173.854	162.884	161.697	0.000	161.697

**C. Other Program Funding Summary (\$ in Millions)**

<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• APN/0586: <i>P-8 Series</i>	66.954	115.998	249.342	-	249.342	315.712	383.196	361.206	393.823	3,100.916	5,236.090
• OPN/2906: <i>Tactical/ Mobile C4I Systems</i>	22.771	18.919	31.840	-	31.840	49.289	65.537	71.233	60.958	Continuing	Continuing

**Remarks**

Procurement dollars reflected in Other Program Funding Summary reflects the total of each of those BLIs. Only a portion of the funds are associated with PU 3218.

**D. Acquisition Strategy**

The P-8A acquisition strategy is designed to deliver the required capabilities while introducing additional competition throughout the program. Government Lead Capability Integrator (LCI) control over the designs and information promote cost-effectiveness, rapid capability fielding, and reduced acquisition and life-cycle costs. Additionally, technologies for P-8 modernization improvements are compartmentalized and delivered independently of one another as a series of ECPs, without risk to the overall program schedule or procurement cost. This tailoring approach is effective in accommodating an emergent Fleet requirement and serve as an example that the flexibility inherent in this ECP-based Acquisition Strategy is responsive to Fleet customer concerns.

The P-8A Acquisition Strategy (AS), first approved by the Under Secretary of Defense for Acquisition, Technology and Logistics (USD (AT&L)) at Milestone B in 2004, establishes the strategy to deliver full P-8A capability via three increments (then Block 1, Spiral 1 and Spiral 2 and now called Increments 1, 2, and 3). Increment 1 (Block 1 under PE 0605500N) provided persistent ASW, ASuW, and ISR. Increment 2 (Spiral 1 under PE 0605500N) provided improved ASW capabilities via multiple ECPs. On 4 April 2016, the MDA (USD AT&L) approved the incorporation of Increment 3 (Spiral 2) communications, Combat Systems Architecture, ASW Signals Intelligence, ASuW Net Enabled Weapon, Wideband SATCOM, Higher than Secret security enclave and Enhanced Multi-static Active Coherent (MAC-E) as ECPs (ECP 4-7) within the existing P-8A program as defined in the approved AS.

**UNCLASSIFIED**

**Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy** **Date:** April 2022

<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	<b>Project (Number/Name)</b> 3218 / <i>P-8A Spiral 2 Development</i>
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<b>Product Development (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Primary HW Dev - Capability Dev & Integration	C/CPFF	Boeing : Seattle, WA	159.297	0.700	Aug 2022	0.000		0.000		-		0.000	0.000	159.997	159.997
Primary HW Dev - Trainer Dev & Integration	C/CPFF	Boeing : St. Louis, MO	8.682	12.555	Feb 2021	15.000	Feb 2022	20.000	Feb 2023	-		20.000	69.000	125.237	125.237
Primary HW Dev - Combat Systems Hardware Effort	Various	NSWC : Crane, IN	88.521	17.679	Oct 2020	0.000		0.000		-		0.000	0.000	106.200	-
Primary HW Dev - Platform Integration	C/CPFF	Boeing : Seattle, WA	59.117	86.669	Oct 2020	57.760	Oct 2021	52.095	Oct 2022	-		52.095	172.560	428.201	436.502
ECP6/7 Pre/Post Flight Ground System Development Activities	Various	Various : Various	0.000	7.900	Feb 2021	10.300	Feb 2022	12.500	Feb 2023	-		12.500	10.900	41.600	-
LCI Development & Integration/Correction of Deficiencies	Various	Various : Various	126.299	23.238	Oct 2020	51.344	Oct 2021	39.338	Oct 2022	-		39.338	72.810	313.029	-
Sys Eng (gov)	WR	NAWC AD : Pax River, MD	68.319	12.108	Nov 2020	9.045	Nov 2021	10.780	Nov 2022	-		10.780	26.711	126.963	-
Prior Year Prd Dev costs no longer funded in the FYDP	Various	Various : Various	61.433	0.000		0.000		0.000		-		0.000	0.000	61.433	-
<b>Subtotal</b>			571.668	160.849		143.449		134.713		-		134.713	351.981	1,362.660	N/A

**Remarks**  
Trainer Development & Integration increased from \$15.0 million in FY 2022 to \$20.0 million in FY 2023 due to increased planned development and integration activities to prepare for fleet training prior to first deployment.

<b>Support (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Integrated Logistics Sup	Various	Various : Various	2.226	0.000		0.918	Nov 2021	0.918	Nov 2022	-		0.918	0.000	4.062	-
Studies & Analysis	C/CPFF	JHU : Pax River, MD	11.947	0.000		0.000		0.000		-		0.000	0.000	11.947	11.947

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Navy** **Date:** April 2022

<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / Multi-Mission Maritime (MM A) Inc III	<b>Project (Number/Name)</b> 3218 / P-8A Spiral 2 Development
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<b>Support (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
<b>Subtotal</b>			14.173	0.000		0.918		0.918		-		0.918	0.000	16.009	N/A

<b>Test and Evaluation (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Dev Test & Eval	WR	NAWC AD : Pax River, MD	13.110	7.282	Nov 2020	12.344	Nov 2021	14.915	Nov 2022	-		14.915	31.140	78.791	-
GFE/GFI/GFP	WR	NAWC AD : Pax River, MD	2.545	3.984	Nov 2020	3.900	Nov 2021	3.900	Nov 2022	-		3.900	20.400	34.729	-
Oper Test & Eval	WR	NAWC AD : Pax River, MD	0.000	0.540	Nov 2020	0.540	Nov 2021	2.283	Nov 2022	-		2.283	15.000	18.363	-
Test Assets	WR	NAWC AD : Pax River, MD	0.000	0.656	Nov 2020	0.656	Nov 2021	3.291	Nov 2022	-		3.291	15.000	19.603	-
<b>Subtotal</b>			15.655	12.462		17.440		24.389		-		24.389	81.540	151.486	N/A

**Remarks**  
Operational Test and Test Asset costs begin to increase in FY23 due to completing ECP 6 modification of the Operational Test aircraft (T-7) and significant additional effort/staffing to perform detailed planning for Operational Test beginning in FY 2024.

<b>Management Services (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Eng Tech Serv (NON-FFRDC)	C/CPFF	Various : Various	1.109	0.000		0.000		0.000		-		0.000	0.000	1.109	1.109
Mgmt Suppt Serv (NON-FFRDC)	C/CPFF	RBC : Alexandria, VA	3.413	0.443	Nov 2020	0.977	Nov 2021	1.377	Nov 2022	-		1.377	2.800	9.010	9.010
Program Mgmt Support	WR	NAWC AD : Pax River, MD	1.906	0.000		0.000		0.200	Nov 2022	-		0.200	0.800	2.906	-
Travel	Allot	NAWC AD : Pax River, MD	0.088	0.100	Nov 2020	0.100	Nov 2021	0.100	Nov 2022	-		0.100	0.400	0.788	-



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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605504N / Multi-Mission Maritime (MM A) Inc III	Project (Number/Name) 3218 / P-8A Spiral 2 Development

## P-8A Increment 3 (Spiral 2) ECP-5 Program Schedule (PB23)

Increment 3 (PU: 3218)	FY21				FY22				FY23				FY24				FY25				FY26				FY27			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>ECP 5 Milestones</b>	SW fielded except Harpoon II+ in Aug 2019 (note 1) HW fielded in Sep 2019 (note 2) ▲ SW fielded incl Harpoon II+ ▲ ECP-5 Fielding (note 3)																											
ECP 5 / Harpoon II+ SW Development (Govt / Boeing)	FR 85 																											
ECP 5 Test and Evaluation (Govt)	H II+ Live Fire 																											

- Notes: (1) ECP 5 SW except for Harpoon II+ fielded with FR75.1 Aug 2019  
 (2) ECP 5 HW fielded with production lot 8 aircraft #12 Sep 2019  
 (3) Complete ECP 5 including Harpoon II+ fielded with FR85 in FY21

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Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy

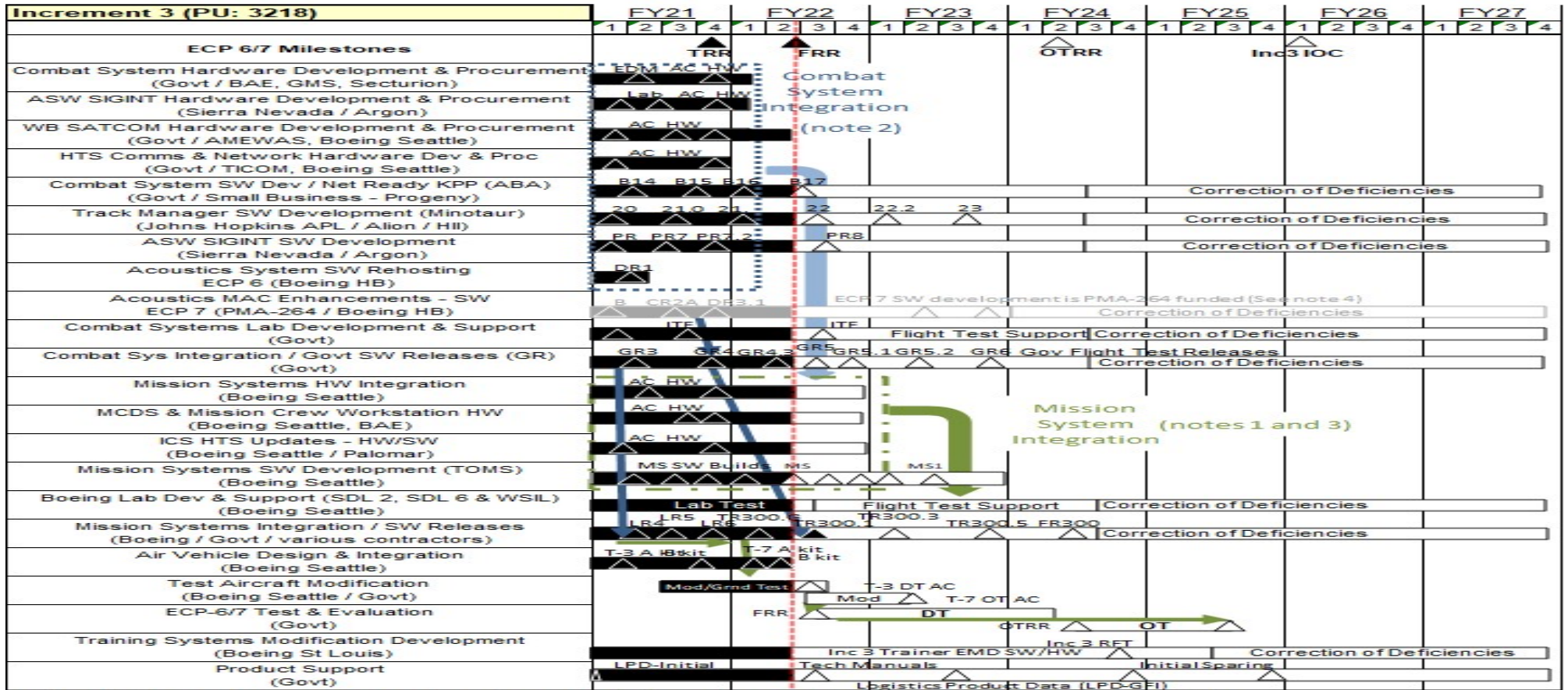
Date: April 2022

Appropriation/Budget Activity  
1319 / 5

R-1 Program Element (Number/Name)  
PE 0605504N / Multi-Mission Maritime (MM  
A) Inc III

Project (Number/Name)  
3218 / P-8A Spiral 2 Development

P-8A Increment 3 (Spiral 2) ECP-6/7 Program Schedule (PB23)

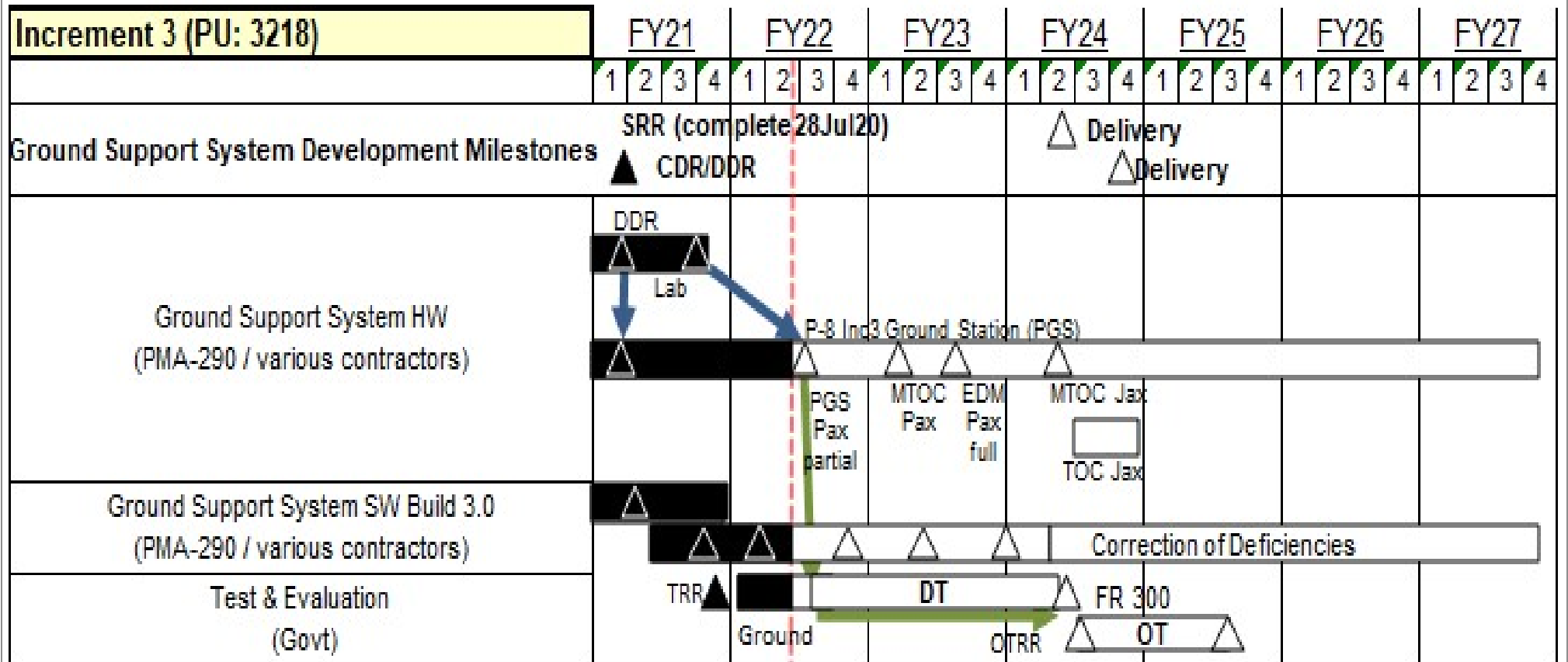


Notes: (1) Subsystem efforts continue to support integration and test through deficiency correction  
 (2) Combat sys integration includes Govt-led efforts for software, hardware, aircraft integration, deficiency correction  
 (3) Mission system integration includes Boeing efforts for software, hardware, aircraft integration, deficiency correction  
 (4) PMA-264 Acoustic Sensor PE (0604216N) funds ECP 7 dev/test costs unique to ECP 7 (grayed out above)

**UNCLASSIFIED**

Exhibit R-4, RDT&E Schedule Profile: PB 2023 Navy		Date: April 2022
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605504N / Multi-Mission Maritime (MM A) Inc III	Project (Number/Name) 3218 / P-8A Spiral 2 Development

## P-8A Pre/postflight Ground Support System Development Schedule (PB23)



**UNCLASSIFIED**

<b>Exhibit R-4A, RDT&amp;E Schedule Details: PB 2023 Navy</b>		<b>Date: April 2022</b>
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	<b>Project (Number/Name)</b> 3218 / <i>P-8A Spiral 2 Development</i>

**Schedule Details**

<b>Events by Sub Project</b>	<b>Start</b>		<b>End</b>	
	<b>Quarter</b>	<b>Year</b>	<b>Quarter</b>	<b>Year</b>
<b><i>ECP-5</i></b>				
ECP-5: Milestones: SW Field Incl Harpoon II+	1	2021	1	2021
ECP-5: Milestones: ECP-5 Field	2	2021	2	2021
ECP-5: Capability Development & Integration: ECP-5/Harpoon II+ SW Development	1	2021	2	2021
ECP-5: Integrated Flight Test & Evaluation: ECP-5 Test & Evaluation	1	2021	4	2021
<b><i>ECP-6/7</i></b>				
ECP-6/7: Milestones: TRR	4	2021	4	2021
ECP-6/7: Milestones: FRR	2	2022	2	2022
ECP-6/7: Milestones: OTRR	2	2024	2	2024
ECP-6/7: Milestones: INC3 IOC	1	2026	1	2026
ECP-6/7: Combat System / Mission System Integration: ECP-6/7 Integration	1	2021	3	2024
ECP-6/7: Integrated Flight Test & Evaluation: ECP-6/7 T&E	3	2022	3	2025
ECP-6/7: Correction of Deficiencies: Correction of Deficiencies	3	2024	4	2027
<b><i>Pre/Post-Flight Ground Support System Development</i></b>				
Ground Support System Development: Milestones: Ground Support System Development CDR	1	2021	1	2021
Ground Support System Development: Milestones: Ground Support System Hardware Development	1	2021	4	2027
Ground Support System Development: Milestones: Ground Support System Development DT	3	2022	2	2024
Ground Support System Development: Milestones: Ground Support System Development OT	2	2024	3	2025

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2023 Navy		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	<b>Project (Number/Name)</b> 3218 / <i>P-8A Spiral 2 Development</i>

<b>Events by Sub Project</b>	<b>Start</b>		<b>End</b>	
	<b>Quarter</b>	<b>Year</b>	<b>Quarter</b>	<b>Year</b>
Ground Support System Development: Correction of Deficiencies: Correction of Deficiencies	2	2024	4	2027

**UNCLASSIFIED**

**Exhibit R-2A, RDT&E Project Justification:** PB 2023 Navy **Date:** April 2022

<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	<b>Project (Number/Name)</b> 9999 / <i>Congressional Adds</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	12.549	4.827	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	17.376
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

**A. Mission Description and Budget Item Justification**

Congressional Add to enable small business support to P-8A Increment 3 development of Applications Based Architecture (ABA) components.

**B. Accomplishments/Planned Programs (\$ in Millions)**

	FY 2021	FY 2022
<b>Congressional Add:</b> Small Business Technology Insertion	4.827	0.000
<b>FY 2021 Accomplishments:</b> ABA based applications and capability development, integration and test to incrementally incorporate software improvements in support of P-8A Increment 3 Combat Systems.		
<b>FY 2022 Plans:</b> ABA based applications and capability development, integration and test to incrementally incorporate software improvements in support of P-8A Increment 3 Combat Systems.		
<b>Congressional Adds Subtotals</b>	4.827	0.000

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

**D. Acquisition Strategy**

The ABA will be fielded as part of the P-8A Increment 3 Block 2 (ECP 6) modification to delivered aircraft.



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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2023 Navy		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	<b>Project (Number/Name)</b> 9999 / <i>Congressional Adds</i>

FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

<b>Proj 9999</b>	
New Design SSN SBIR (CONG): Schedule Detail	[REDACTED]

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2023 Navy		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 1319 / 5	<b>R-1 Program Element (Number/Name)</b> PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	<b>Project (Number/Name)</b> 9999 / <i>Congressional Adds</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>Proj 9999</b>				
New Design SSN SBIR (CONG): Schedule Detail	1	2021	2	2022