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Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0605504N / <i>Multi-Mission Maritime (MMA) Inc III</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
Total Program Element	483.253	137.310	185.328	173.784	-	173.784	-	-	-	-	-	-
3218: <i>P-8A Spiral 2 Development</i>	478.426	129.587	180.328	173.784	-	173.784	-	-	-	-	-	-
9999: <i>Congressional Adds</i>	4.827	7.723	5.000	0.000	-	0.000	-	-	-	-	-	-

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 Tactical Operations Center (TOC) 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.

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) 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 those projects that have passed Milestone B approval and are conducting engineering and manufacturing development tasks aimed at meeting validated requirement prior to full-rate production decision.

Note: ECP 6/7 fielding in 4Q FY 2025 includes 7 aircraft (1 squadron) modified, trained and ready to deploy to include pre/post-flight ground systems.

B. Program Change Summary (\$ in Millions)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
Previous President's Budget	141.534	182.870	162.986	-	162.986
Current President's Budget	137.310	185.328	173.784	-	173.784
Total Adjustments	-4.224	2.458	10.798	-	10.798
• Congressional General Reductions	-	-2.542			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	5.000			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-4.224	0.000			
• Rate/Misc Adjustments	0.000	0.000	10.798	-	10.798

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

Project: 9999: *Congressional Adds*

Congressional Add: *Small Business Technology Insertion*

Congressional Add: *SBIR Technology Insertion*

Congressional Add Subtotals for Project: 9999

Congressional Add Totals for all Projects

	FY 2020	FY 2021
	0.000	5.000
	7.723	0.000
	7.723	5.000
	7.723	5.000

Change Summary Explanation

FY 2022 increase of \$10.798 million due to program realignments caused by prior year Congressional adjustments. These funds support the requirement of additional ground system hardware to execute the ECP 6/7 test events in FY 2022, as well as planned increase in Government-led Lead Capability Integrator (LCI) integration requirements.

Schedule: Prime Contractor resourcing pressures (manpower & facilities) in FY 2021 resulted in consolidating ECP-6 and ECP-7 Integration and Test and Evaluation (IT&E) in order to mitigate a Increment 3 Initial Operational Capability (IOC) slip. This delays ECP-6 fielding from FY 2024 to FY 2025, but maintains Increment 3 IOC and ECP-7 ASW MAC-E Fielding in FY 2025, as well as mitigates any financial impacts.

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<p>ECP5 Test & Evaluation end date moved from 2Q2021 to 4Q2021.</p>		

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	Project (Number/Name) 3218 / <i>P-8A Spiral 2 Development</i>
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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
3218: <i>P-8A Spiral 2 Development</i>	478.426	129.587	180.328	173.784	-	173.784	-	-	-	-	-	-
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.

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)
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- ECP 7 - Enhanced Multi-Static Active Coherent (MAC).
- Pre/Post-Flight Ground System Development - System upgrades to the associated ground support system and Tactical Operations Center (TOC) 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.

Note: ECP 6/7 fielding in 4Q FY 2025 includes 7 aircraft (1 squadron) modified, trained and ready to deploy to include pre/post-flight ground systems.

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	Project (Number/Name) 3218 / <i>P-8A Spiral 2 Development</i>

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total
<p>Title: Product Development</p> <p align="right">Articles:</p> <p>FY 2021 Plans: Complete ECP 5 integration, test efforts and fielding. Continue ECP 6/7 integration on the Platform Integration (PI) contract. Continue Government-led LCI efforts, associated ground support, test planning, TOC systems/AMG, and training systems upgrades.</p> <p>FY 2022 Base Plans: Continue ECP 6 and ECP 7 integration on the Platform Integration (PI) contract. Continue Government-led LCI efforts, associated ground support, test planning, TOC systems/AMG, and training systems upgrades. Initiate developmental test.</p> <p>FY 2022 OCO Plans: N/A</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: Funding decrease of \$6.500 million due to the completion of ECP5 integration and test in FY 2021.</p>	125.209	160.849	154.349	0.000	154.349
	-	-	-	-	-
<p>Title: Support/Test & Evaluation/Management Services</p> <p align="right">Articles:</p> <p>FY 2021 Plans: Continue associated in-house government Lead Capability Integrator (LCI)/T&E/management activities.</p> <p>FY 2022 Base Plans: Continue associated in-house government Lead Capability Integrator (LCI)/T&E/management activities. Initiate developmental test.</p> <p>FY 2022 OCO Plans: N/A</p> <p>FY 2021 to FY 2022 Increase/Decrease Statement: Funding decrease of \$0.044 million due to the completion of ECP5 integration and test in FY 2021.</p>	4.378	19.479	19.435	0.000	19.435
	-	-	-	-	-
Accomplishments/Planned Programs Subtotals	129.587	180.328	173.784	0.000	173.784

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

<u>Line Item</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u> <u>Base</u>	<u>FY 2022</u> <u>OCO</u>	<u>FY 2022</u> <u>Total</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• APN/0586: <i>P-8 Series</i>	74.556	67.002	131.298	-	131.298	-	-	-	-	-	-

Remarks

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 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	Project (Number/Name) 3218 / <i>P-8A Spiral 2 Development</i>
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Product Development (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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	143.043	15.772	Oct 2019	0.000		0.000		-		0.000	-	-	-
Primary HW Dev - Trainer Dev & Integration	C/CPFF	Boeing : St. Louis, MO	4.170	3.968	Feb 2020	12.555	Feb 2021	15.000	Feb 2022	-		15.000	-	-	-
Primary HW Dev - Combat Systems Hardware Effort	Various	NSWC : Crane, IN	52.736	35.025	Oct 2019	17.679	Oct 2020	0.000		-		0.000	-	-	-
Primary HW Dev - Platform Integration	C/CPFF	Boeing : Seattle, WA	14.442	44.674	Oct 2019	86.669	Oct 2020	66.061	Oct 2021	-		66.061	-	-	-
ECP6/7 Pre/Post Flight Ground System Development Activities	Various	Various : Various	0.000	0.000		7.900	Feb 2021	10.300	Feb 2022	-		10.300	-	-	-
LCI Development & Integration/Correction of Deficiencies	Various	Various : Various	111.484	15.472	Oct 2019	23.938	Oct 2020	53.943	Oct 2021	-		53.943	-	-	-
Sys Eng (gov)	WR	NAWC AD : Pax River, MD	58.422	10.299	Nov 2019	12.108	Nov 2020	9.045	Nov 2021	-		9.045	-	-	-
Prior Year Prd Dev costs no longer funded in the FYDP	Various	Various : Various	61.433	0.000		0.000		0.000		-		0.000	-	-	-
Subtotal			445.730	125.210		160.849		154.349		-		154.349	-	-	N/A

Remarks
 ECP6/7 Pre/Post Flight Ground System Development Activities: The increase from \$7.9 million in FY 2021 to \$10.3 million in FY 2022 accounts for the requirement of additional ground system hardware to execute the ECP 6 test program and initiation of ground support test events in FY 2022.
 LCI Development & Integration/Correction of Deficiencies: The change from \$23.9 million in FY 2021 to \$53.9 million in FY 2022 is due to the planned increase in Government-led Lead Capability Integrator (LCI) requirements. The focus of development is now integration as the subcontractor efforts to deliver required hardware will complete in FY 21.

Support (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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	0.426	Nov 2019	0.000		0.918	Nov 2021	-		0.918	-	-	-

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Navy												Date: May 2021			
Appropriation/Budget Activity				R-1 Program Element (Number/Name)					Project (Number/Name)						
1319 / 5				PE 0605504N / Multi-Mission Maritime (MM A) Inc III					3218 / P-8A Spiral 2 Development						
Support (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Studies & Analysis	C/CPFF	JHU : Pax River, MD	11.947	0.000		0.000		0.000		-		0.000	-	-	-
Subtotal			14.173	0.426		0.000		0.918		-		0.918	-	-	N/A
Test and Evaluation (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Dev Test & Eval	WR	NAWC AD : Pax River, MD	9.874	3.664	Nov 2019	13.756	Nov 2020	12.344	Nov 2021	-		12.344	-	-	-
GFE/GFI/GFP	WR	NAWC AD : Pax River, MD	2.545	0.000		3.984	Nov 2020	3.900	Nov 2021	-		3.900	-	-	-
Oper Test & Eval	WR	NAWC AD : Pax River, MD	0.000	0.000		0.540	Nov 2020	0.540	Nov 2021	-		0.540	-	-	-
Test Assets	WR	NAWC AD : Pax River, MD	0.000	0.000		0.656	Nov 2020	0.656	Nov 2021	-		0.656	-	-	-
Subtotal			12.419	3.664		18.936		17.440		-		17.440	-	-	N/A
Management Services (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Eng Tech Serv (NON-FFRDC)	C/CPFF	Various : Various	1.109	0.000		0.000		0.000		-		0.000	-	-	-
Mgmt Suppt Serv (NON-FFRDC)	C/CPFF	RBC : Alexandria, VA	3.113	0.142	Nov 2019	0.443	Nov 2020	0.977	Nov 2021	-		0.977	-	-	-
Program Mgmt Support	WR	NAWC AD : Pax River, MD	1.806	0.100	Nov 2019	0.000		0.000		-		0.000	-	-	-
Travel	Allot	NAWC AD : Pax River, MD	0.076	0.045	Nov 2019	0.100	Nov 2020	0.100	Nov 2021	-		0.100	-	-	-
Subtotal			6.104	0.287		0.543		1.077		-		1.077	-	-	N/A

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2022 Navy **Date:** May 2021

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	Project (Number/Name) 3218 / <i>P-8A Spiral 2 Development</i>
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Management Services (\$ in Millions)				FY 2020		FY 2021		FY 2022 Base		FY 2022 OCO		FY 2022 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			

Remarks
Mgmt Suppt Serv (NONFFRDC): The change from \$0.443 million in FY 2021 to \$0.977 million in FY 2022 is due to the planned increase in Government-led Lead Capability Integrator (LCI) integration requirements.

	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	478.426	129.587	180.328	173.784	-	173.784	-	-	N/A

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy		Date: May 2021
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 (PB-22)

Increment 3 (PU: 3218)	FY20				FY21				FY22			
	1	2	3	4	1	2	3	4	1	2	3	4
ECP 5 Milestones	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							

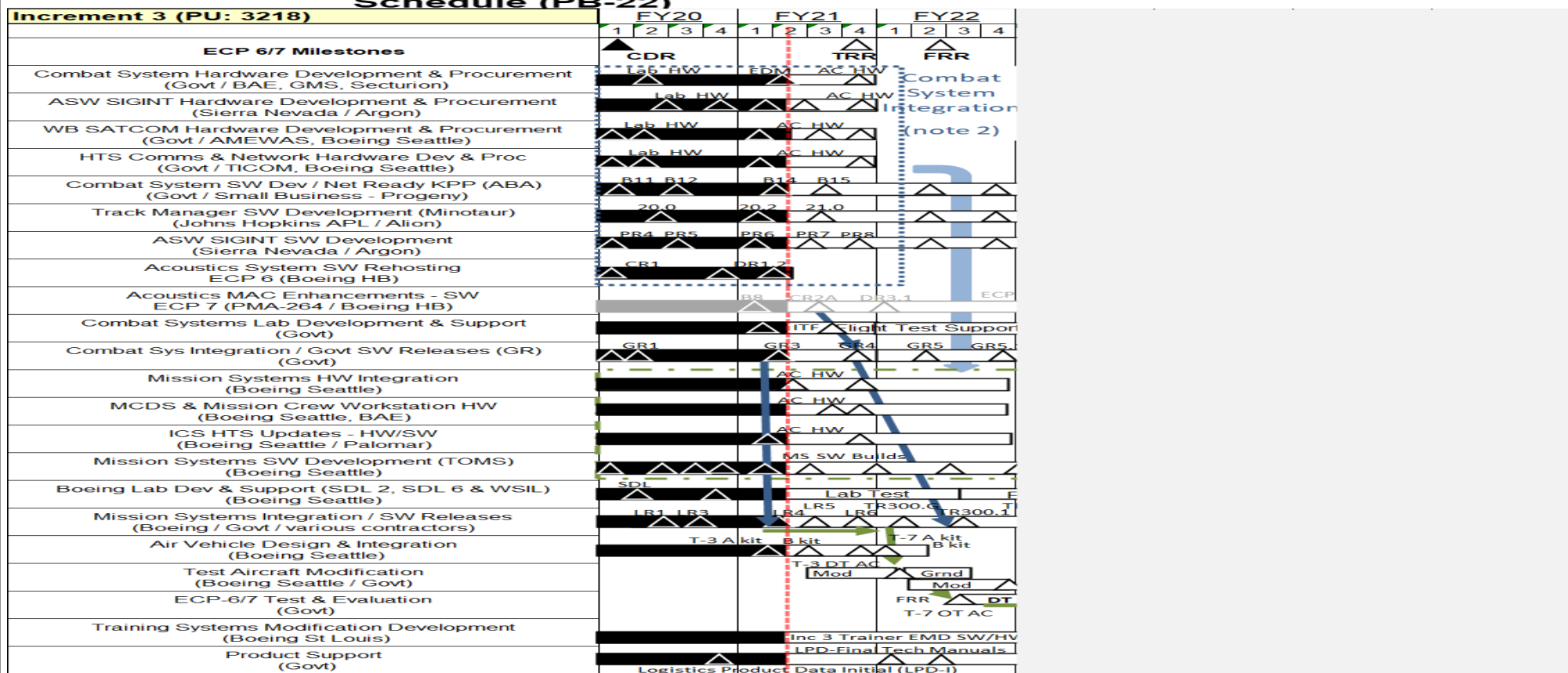
- Notes: (1) ECP 5 SW except for Harpoon II+ fielded with FR75.1 Aug 2019
 (2) ECP 5 HW fielded with production lot 8 aircraft #12 Sep 2019
 (3) Complete ECP 5 including Harpoon II+ fielded with FR85 in FY21

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy Date: May 2021

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P-8A Increment 3 (Spiral 2) ECP-6/7 Program Schedule (PB-22)

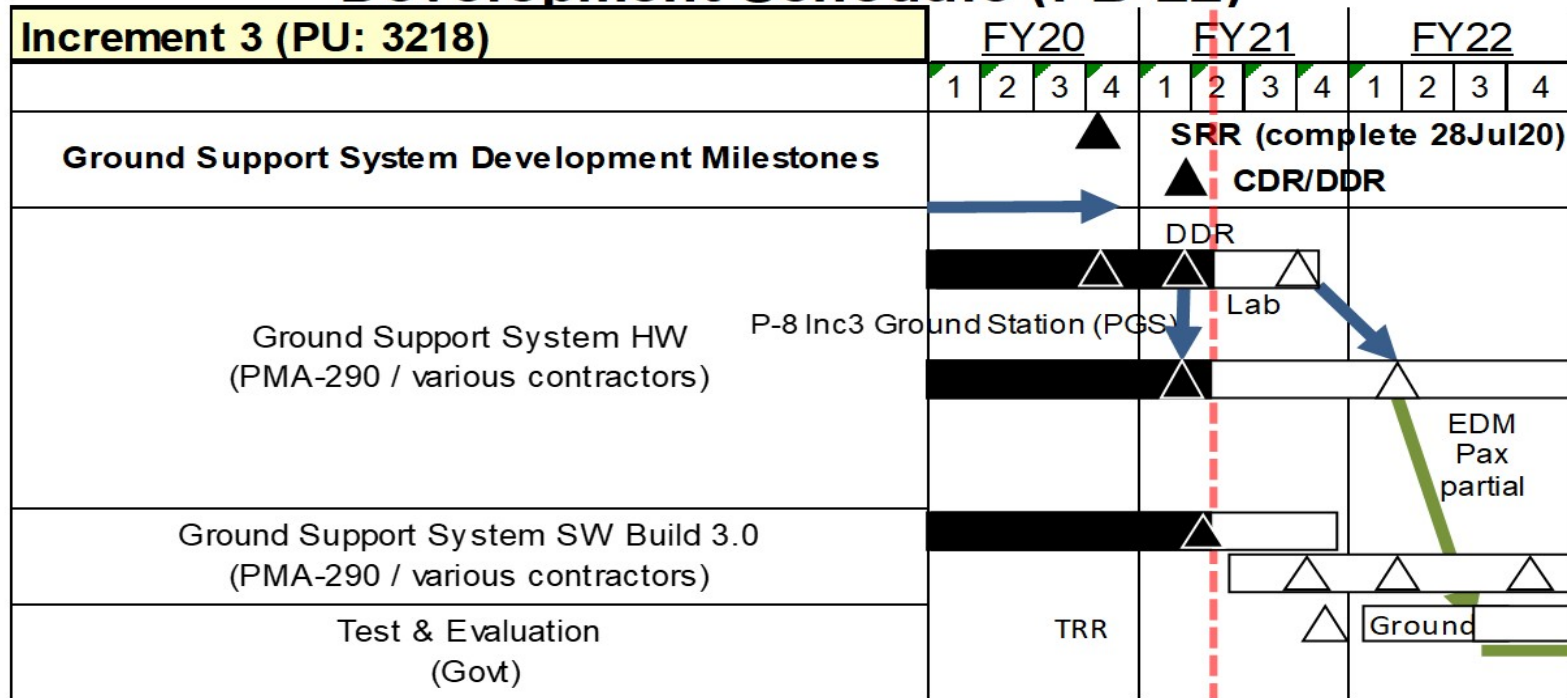


Notes: (1) Subsystem efforts continue to support integration and test through deficiency correction
 (2) Combat sys integration includes Govt-led efforts for software, hardware, aircraft integration, deficiency correction
 (3) Mission system integration includes Boeing efforts for software, hardware, aircraft integration, deficiency correction
 (4) PMA-264 Acoustic Sensor PE (0604216N) funds ECP 7 dev/test costs unique to ECP 7 (grayed out above)
 (5) Boeing P-8A SW pressures exacerbated by COVID-19 impacts required consolidated ECP-6 and ECP-7 IT&E to maintain FY25 IOC

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Exhibit R-4, RDT&E Schedule Profile: PB 2022 Navy		Date: May 2021
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P-8A Pre/postflight Ground Support System Development Schedule (PB-22)



UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2022 Navy		Date: May 2021
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Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
ECP-5				
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	2020	2	2021
ECP-5: Integrated Flight Test & Evaluation: ECP-5 Test & Evaluation	1	2020	4	2021
ECP-6/7				
ECP-6/7: Milestones: TRR	4	2021	4	2021
ECP-6/7: Milestones: FRR	2	2022	2	2022
ECP-6/7: Capability Development & Integration: MAC-E Integration	1	2021	4	2022
ECP-6/7: Combat System / Mission System Integration: ECP-6/7 Integration	1	2020	4	2022
ECP-6/7: Integrated Flight Test & Evaluation: ECP-6/7 T&E	3	2022	4	2022
Pre/Post-Flight Ground Support System Development				
Ground Support System Development: Milestones: Ground Support System Development CDR	1	2021	1	2021
Ground Support System Development: Milestones: Ground Support System Development DT	3	2022	4	2022
Ground Support System Development: Test & Evaluation: Ground Support System Development T&E	1	2022	4	2022

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Exhibit R-2A, RDT&E Project Justification: PB 2022 Navy **Date:** May 2021

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COST (\$ in Millions)	Prior Years	FY 2020	FY 2021	FY 2022 Base	FY 2022 OCO	FY 2022 Total	FY 2023	FY 2024	FY 2025	FY 2026	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	4.827	7.723	5.000	0.000	-	0.000	-	-	-	-	-	-
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 2020	FY 2021
<i>Congressional Add:</i> Small Business Technology Insertion	0.000	5.000
<i>FY 2020 Accomplishments:</i> N/A		
<i>FY 2021 Plans:</i> ABA based applications and capability development, integration and test to incrementally incorporate software improvements in support of P-8A Increment 3 Combat Systems.		
<i>Congressional Add:</i> SBIR Technology Insertion	7.723	0.000
<i>FY 2020 Accomplishments:</i> N/A		
<i>FY 2021 Plans:</i> N/A		
Congressional Adds Subtotals	7.723	5.000

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.

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2022 Navy		Date: May 2021
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605504N / <i>Multi-Mission Maritime (MM A) Inc III</i>	Project (Number/Name) 9999 / <i>Congressional Adds</i>

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
Proj 9999				
New Design SSN SBIR (CONG): Schedule Detail	1	2020	2	2022