Exhibit R-2, RDT&E Budget Item Justification: PB 2017 Navy											Date: February 2016	
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 7: *Operational Systems Development*					R-1 Program Element (Number/Name) PE 0305231N *I MQ-8 UAV*							
COST ($ in Millions)	**Prior Years**	**FY 2015**	**FY 2016**	**FY 2017 Base**	**FY 2017 OCO**	**FY 2017 Total**	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**Cost To Complete**	**Total Cost**
Total Program Element	352.042	43.294	52.770	26.518	-	26.518	10.902	6.172	6.352	6.492	26.800	531.342
2768: *MQ-8 Fire Scout*	352.042	43.294	52.770	26.518	-	26.518	10.902	6.172	6.352	6.492	26.800	531.342
Program MDAP/MAIS Code: 253												

A. Mission Description and Budget Item Justification

The MQ-8 Unmanned Air System is a Joint Military Intelligence Program.

The MQ-8 Unmanned Air System is popularly known as "Fire Scout". The Department conducted a Title 10 Section 2433 (Nunn-McCurdy Breach) review on the MQ-8 program in 2014 due to a unit cost breach and certified a restructured program to Congress on 16 June 2014. The restructured program includes MQ-8B air vehicles procured under the original program of record (POR), MQ-8C air vehicles (Endurance Upgrade) procured under the Department of the Navy's Rapid Deployment Capability (RDC) procurement process, and an additional 21 MQ-8C air vehicles to be procured to complete the program Fleet requirements of 70 air vehicles (61 procurement and 9 RDT&EN / 30 MQ-8Bs and 40 MQ-8Cs), and associated Mission Control Systems (MCS), Unmanned Aerial Vehicle Common Automatic Recovery Systems (UCARS) and support equipment. In addition to the air vehicles, Radar and Weapons capabilities were developed under the Navy's RDC authorities. All acquisition actions previously planned under the RDCs have transitioned into the restructured POR.

The MQ-8B-based system achieved Milestone C (MS C) in May 2007. The Nunn-McCurdy certification process revoked the program's MS C approval. MS C for the restructured MQ-8 program is currently scheduled in the 3QFY16.

The MQ-8 System provides real-time and non-real-time Intelligence, Surveillance and Reconnaissance (ISR) data to tactical users without the use of manned aircraft or reliance on limited joint theater or national assets. The baseline MQ-8 can accomplish missions including over-the-horizon tactical reconnaissance, classification, targeting and laser designation and battle damage assessment (including voice communications relay).

The MQ-8 launches and recovers vertically, and can operate from suitably-equipped air capable ships, as well as confined area land bases. Interoperability is achieved through the use of the Tactical Control System (TCS) software in the MCS, also referred to as a Ground Control Station (GCS), and through the use of the Tactical Common Data Link (TCDL). The data from the MQ-8 is provided through standard DoD Command, Control, Communications, Computers and ISR (C4ISR) system architectures and protocols.

A deployed MQ-8 system includes of air vehicle(s), payloads (i.e. electro-optical/infrared/laser designator-range finder, Automated Identification System, voice communications relay, Radar, Weapons, and other specialty payloads), MCS (with TCS and TCDL integrated for interoperability), a UCARS for automatic launch and recovery, and associated spares and support equipment. The schedules for MCS and UCARS components are based on host ship requirements, while schedules for air vehicle components, support equipment, and training equipment are based on operational deployment plans. A limited number of land-based mission control systems supplement the shipboard systems to support shore-based operations, such as pre-deployment or acceptance functional check flights. These land-based mission control

stations will also support depot-level maintenance/post-maintenance activities. The MQ-8C provides additional mission endurance and payload-weight-power, increased reliability, and improved maintainability to the MQ-8 Fire Scout System. MQ-8 systems will support missions on Littoral Combat Ship (LCS) and/or suitably-equipped air capable ships. Quantities of air vehicles are derived from LCS and/or suitably-equipped air capable ship deployment requirements for Surface Warfare and Mine Countermeasures mission sets.

The MQ-8 Radar capability is the initial effort as part of the Surface Warfare (SUW) Increment of the MQ-8C. A maritime Radar will be competitively selected for integration into the MQ-8C Fire Scout System. This system will provide the MQ-8 operators and the supported LCS crew enhanced situational awareness of the Recognized Maritime Picture (RMP) by providing surface search, track, Inverse Synthetic Aperture Radar (ISAR) maritime target classification, and Synthetic Aperture Radar (SAR) target classification capabilities. The maritime Radar will be fully integrated with the MCS and ship's combat systems providing data in standardized format for ease of dissemination to other users.

B. Program Change Summary ($ in Millions)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Previous President's Budget	43.294	52.770	33.024	-	33.024
Current President's Budget	43.294	52.770	26.518	-	26.518
Total Adjustments	0.000	0.000	-6.506	-	-6.506
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Rate/Misc Adjustments	0.000	0.000	-6.506	-	-6.506

Change Summary Explanation

Decrease in MQ-8 UAV by $1.334M as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015.

The FY 2017 funding request was reduced by $4.848M to account for the availability of prior year execution balances.

Technical: FYDP funds support the MQ-8C and Radar development, and studies on Weapons and future payloads. Future payload efforts will be considered when developing current efforts.

Schedule:
Updated Milestone C decision and other milestones to align to the restructured MQ-8 program.
Updated Radar capability contract awards and reviews to align to the restructured MQ-8 program.
Updated production and delivery schedules for current and out-year procurements to align to the restructured MQ-8 program.

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy									Date: February 2016			
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0305231N / *MQ-8 UAV*				Project (Number/Name) 2768 / *MQ-8 Fire Scout*			
COST ($ in Millions)	**Prior Years**	**FY 2015**	**FY 2016**	**FY 2017 Base**	**FY 2017 OCO**	**FY 2017 Total**	**FY 2018**	**FY 2019**	**FY 2020**	**FY 2021**	**Cost To Complete**	**Total Cost**
2768: *MQ-8 Fire Scout*	352.042	43.294	52.770	26.518	-	26.518	10.902	6.172	6.352	6.492	26.800	531.342
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Department conducted a Title 10 Section 2433 (Nunn-McCurdy Breach) review on the MQ-8 program in 2014 due to a unit cost breach and certified a restructured program to Congress on 16 June 2014. The restructured program includes MQ-8B air vehicles procured under the original program of record (POR), MQ-8C air vehicles (Endurance Upgrade) procured under the Department of the Navy's Rapid Deployment Capability (RDC) procurement process, and an additional 21 MQ-8C air vehicles to be procured to complete the program Fleet requirements of 70 air vehicles (61 procurement and 9 RDT&EN / 30 MQ-8Bs and 40 MQ-8Cs), and associated Mission Control Systems (MCS), Unmanned Aerial Vehicle Common Automatic Recovery Systems (UCARS) and support equipment. In addition to the air vehicles, Radar and Weapons capabilities were developed under the Navy's RDC authorities. All acquisition actions previously planned under the RDCs have transitioned into the restructured POR.

The MQ-8B-based system achieved Milestone C (MS C) in May 2007. The Nunn-McCurdy certification process revoked the program's MS C approval. MS C for the restructured MQ-8 program is currently scheduled in the 3QFY16.

The MQ-8 System provides real-time and non-real-time Intelligence, Surveillance and Reconnaissance (ISR) data to tactical users without the use of manned aircraft or reliance on limited joint theater or national assets. The baseline MQ-8 can accomplish missions including over-the-horizon tactical reconnaissance, classification, targeting and laser designation and battle damage assessment (including voice communications relay).

The MQ-8 launches and recovers vertically, and can operate from suitably-equipped air capable ships, as well as confined area land bases. Interoperability is achieved through the use of the Tactical Control System (TCS) software in the MCS, also referred to as a Ground Control Station (GCS), and through the use of the Tactical Common Data Link (TCDL). The data from the MQ-8 is provided through standard DoD Command, Control, Communications, Computers and ISR (C4ISR) system architectures and protocols.

A deployed MQ-8 system includes of air vehicle(s), payloads (i.e. electro-optical/infrared/laser designator-range finder, Automated Identification System, voice communications relay, Radar, Weapons, and other specialty payloads), MCS (with TCS and TCDL integrated for interoperability), a UCARS for automatic launch and recovery, and associated spares and support equipment. The schedules for MCS and UCARS components are based on host ship requirements, while schedules for air vehicle components, support equipment, and training equipment are based on operational deployment plans. A limited number of land-based mission control systems supplement the shipboard systems to support shore-based operations, such as pre-deployment or acceptance functional check flights. These land-based mission control stations will also support depot-level maintenance/post-maintenance activities. The MQ-8C provides additional mission endurance and payload-weight-power, increased reliability, and improved maintainability to the MQ-8 Fire Scout System.

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy		Date: February 2016
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305231N / *MQ-8 UAV*	**Project (Number/Name)** 2768 / *MQ-8 Fire Scout*

MQ-8 systems will support missions on Littoral Combat Ship (LCS) and/or suitably-equipped air capable ships. Quantities of air vehicles are derived from LCS and/ or suitably-equipped air capable ship deployment requirements for Surface Warfare and Mine Countermeasures mission sets. FYDP funds support the completion of MQ-8C and Radar development, and studies on Weapons and future payloads. Future payload efforts will be considered when developing current efforts.

The MQ-8 Radar capability is the initial effort as part of the Surface Warfare (SUW) Increment of the MQ-8C. A maritime Radar will be competitively selected for integration into the MQ-8C Fire Scout System. This system will provide the MQ-8 operators and the supported LCS crew enhanced situational awareness of the Recognized Maritime Picture (RMP) by providing surface search, track, Inverse Synthetic Aperture Radar (ISAR) maritime target classification, and Synthetic Aperture Radar (SAR) target classification capabilities. The maritime Radar will be fully integrated with the MCS and ship's combat systems providing data in standardized format for ease of dissemination to other users.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: Hardware and System Development	29.130	41.450	11.275	0.000	11.275
Articles:	-	-	-	-	-
FY 2015 Accomplishments: Continued MQ-8C hardware, software modifications, and other payload integration. Continued MQ-8 integration and testing on Littoral Combat Ship (LCS). Corrected deficiencies from MQ-8C and MQ-8B. Initiated MQ-8C Endurance Upgrade and Radar capabilities into the Program of Record.					
FY 2016 Plans: Continue MQ-8C hardware, software modifications, and other payload integration. Continue MQ-8 integration and testing on LCS. Continue MQ-8C Endurance Upgrade and Radar development Continue MQ-8B FOT&E.					
FY 2017 Base Plans: Continue MQ-8C hardware, software modifications, and other payload integration. Continue MQ-8 integration and testing on LCS. Continue integration of the selected Radar with the MQ-8C Air Vehicle and MCS. Complete qualification of the selected Radar for the MQ-8C operational environment. Complete System Integration Lab testing of the software build for the maritime Radar integration. Continue MQ-8B FOT&E.					
FY 2017 OCO Plans: N/A					
Title: Development/Operational Testing	3.864	2.300	7.436	0.000	7.436
Articles:	-	-	-	-	-
FY 2015 Accomplishments:					

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy		Date: February 2016
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305231N / *MQ-8 UAV*	**Project (Number/Name)** 2768 / *MQ-8 Fire Scout*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Continued MQ-8C testing and initiate LCS integration. Completed MQ-8B Radar testing. Continued other payload integration and testing. Initiated development testing for MQ-8C Radar, Weapons, and other payload capabilities. Initiated Initial Operational Test and Evaluation (IOT&E) for MQ-8C air vehicle. ***FY 2016 Plans:*** Continue Dynamic Interface testing of MQ-8C on both classes of LCS. Complete MQ-8C Endurance Upgrade developmental testing. Continue IOT&E testing of MQ-8C on LCS. Continue other payload integration and testing. Continue MQ-8B FOT&E. ***FY 2017 Base Plans:*** Complete Dynamic Interface testing of MQ-8C on both classes of Littoral Combat Ship (LCS). Continue MQ-8C developmental testing of hardware and software modifications and planning for the other payload integration. Complete Operational Test and Evaluation testing of MQ-8C on LCS. Start Developmental Testing of the maritime Radar on the MQ-8C Air Vehicle. Continue MQ-8B FOT&E. ***FY 2017 OCO Plans:*** N/A					
Title: Engineering and Technical Services	10.300	9.020	7.807	0.000	7.807
Articles:	-	-	-	-	-
FY 2015 Accomplishments: Continued engineering, program technical management, and logistics support. Continued acquisition planning to transition the MQ-8C, Radar, and Weapons capabilities into the Program of Record. Continued Radar, Weapons, other payloads, LCS capabilities payloads, and system studies and design. ***FY 2016 Plans:*** Continue engineering, program technical management, and logistics support. Continue acquisition planning and execution to transition the MQ-8C, Radar, and Weapons capabilities. Continue Radar, Weapons, other payloads, LCS capabilities payloads, and system studies and design. Continue MQ-8B FOT&E. ***FY 2017 Base Plans:*** Continue engineering, program technical management, logistics support of the MQ-8C. Continue acquisition planning and execution to transition the Radar, and Weapons capabilities. Continue Radar, Weapons, other payloads, LCS integration, and system studies and design. Continue MQ-8B FOT&E. ***FY 2017 OCO Plans:***					

Exhibit R-2A, RDT&E Project Justification: PB 2017 Navy		Date: February 2016
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305231N / *MQ-8 UAV*	**Project (Number/Name)** 2768 / *MQ-8 Fire Scout*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
N/A					
Accomplishments/Planned Programs Subtotals	43.294	52.770	26.518	0.000	26.518

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
• APN, 044300: *MQ-8 UAV*	109.663	163.680	72.435	-	72.435	90.846	97.797	87.814	84.795	168.973	1,570.747
• APN, 060510: *MQ-8 UAV Spares*	12.573	0.000	1.506	-	1.506	1.634	4.831	3.111	0.604	0.503	125.142
• APN, 058800: *MQ-8 Series*	8.741	16.304	19.003	-	19.003	9.311	5.189	5.300	5.403	96.969	166.220

Remarks

D. Acquisition Strategy

The Navy is updating our acquisition strategy to restructure the MQ-8 Fire Scout program and capitalize on prior Rapid Deployment Capability efforts, while leveraging existing program investments. The updated acquisition strategy will maintain commonality of MQ-8B and MQ-8C systems, payloads, avionics, software, and ancillary equipment where possible. The acquisition strategy will support the revised Capability Production Document. Initial Operational Capability (IOC) of an MQ-8B-based system was achieved in 2QFY14 while IOC of an MQ-8C-based system onboard LCS is anticipated in 3QFY18. The maritime Radar will be competitively selected. The integration effort will require sole source contracts to the current prime original equipment manufacturers (OEMs) for the Tactical Control System and the MQ-8 Fire Scout air vehicle.

E. Performance Metrics

Successfully provide an MQ-8C air vehicle that supports operational deployments. Successfully provide a Radar capability for operational deployments. Successfully achieve Littoral Combat Ship integration.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Navy			Date: February 2016
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305231N / *MQ-8 UAV*	Project (Number/Name) 2768 / *MQ-8 Fire Scout*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2015 Cost	FY 2015 Award Date	FY 2016 Cost	FY 2016 Award Date	FY 2017 Base Cost	FY 2017 Base Award Date	FY 2017 OCO Cost	FY 2017 OCO Award Date	FY 2017 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Hardware Development (MQ-8)	C/CPIF	Northrop Grumman Corp : San Diego, CA	246.164	22.146	Nov 2014	35.450	Nov 2015	9.317	Nov 2016	-		9.317	18.230	331.307	331.307
Primary Hardware Development (MQ-8)	C/CPIF	Raytheon Corp : Falls Church, VA	16.251	2.000	Nov 2014	3.000	Nov 2015	1.958	Nov 2016	-		1.958	5.400	28.609	28.609
Primary Hardware Development(RADAR OEM)	C/CPIF	TBD : TBD	0.000	4.984	Sep 2015	3.000	Nov 2015	0.000		-		0.000	0.000	7.984	7.984
		Subtotal	262.415	29.130		41.450		11.275		-		11.275	23.630	367.900	367.900

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2015 Cost	FY 2015 Award Date	FY 2016 Cost	FY 2016 Award Date	FY 2017 Base Cost	FY 2017 Base Award Date	FY 2017 OCO Cost	FY 2017 OCO Award Date	FY 2017 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Integrated Logistics Support	Various	Various : Various	6.077	0.000		0.000		0.000		-		0.000	1.700	7.777	-
		Subtotal	6.077	0.000		0.000		0.000		-		0.000	1.700	7.777	-

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2015 Cost	FY 2015 Award Date	FY 2016 Cost	FY 2016 Award Date	FY 2017 Base Cost	FY 2017 Base Award Date	FY 2017 OCO Cost	FY 2017 OCO Award Date	FY 2017 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WR	NAWCAD : PAXRV, MD	14.471	0.739	Nov 2014	0.320	Feb 2016	2.386	Nov 2016	-		2.386	2.200	20.116	-
Operational Test & Evaluation/QRA	WR	NAWCWD : CHINALK, CA	3.931	3.125	Nov 2014	1.980	Feb 2016	5.050	Mar 2017	-		5.050	1.900	15.986	-
Prior Years T&E no longer funded in the FYDP	Various	Various : Various	0.342	0.000		0.000		0.000		-		0.000	0.000	0.342	-
		Subtotal	18.744	3.864		2.300		7.436		-		7.436	4.100	36.444	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2017 Navy			Date: February 2016
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305231N / *MQ-8 UAV*	Project (Number/Name) 2768 / *MQ-8 Fire Scout*	

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2015 Cost	FY 2015 Award Date	FY 2016 Cost	FY 2016 Award Date	FY 2017 Base Cost	FY 2017 Base Award Date	FY 2017 OCO Cost	FY 2017 OCO Award Date	FY 2017 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Engineering Support	WR	NAWCAD : PAXRV, MD	49.801	6.791	Nov 2014	5.600	Nov 2015	4.695	Nov 2016	-		4.695	11.100	77.987	-
Program Management Support	Various	Various : Various	11.571	3.293	Nov 2014	3.100	Nov 2015	2.787	Nov 2016	-		2.787	9.700	30.451	-
Travel	WR	NAVAIR : PAXRV, MD	1.133	0.216	Nov 2014	0.320	Nov 2015	0.325	Nov 2016	-		0.325	1.540	3.534	-
Prior years Mgmt Svcs no longer funded in the FYDP	Various	Various : Various	2.301	0.000		0.000		0.000		-		0.000	0.000	2.301	-
		Subtotal	64.806	10.300		9.020		7.807		-		7.807	22.340	114.273	-

Remarks

Travel contract type is TO.

	Prior Years	FY 2015		FY 2016		FY 2017 Base		FY 2017 OCO		FY 2017 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	352.042	43.294		52.770		26.518		-		26.518	51.770	526.394	-

Remarks

DT&E Team transitioning from contractor to government.

OT&E includes MQ-8C IOT&E.

Exhibit R-4, RDT&E Schedule Profile: PB 2017 Navy		Date: February 2016
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305231N / *MQ-8 UAV*	**Project (Number/Name)** 2768 / *MQ-8 Fire Scout*

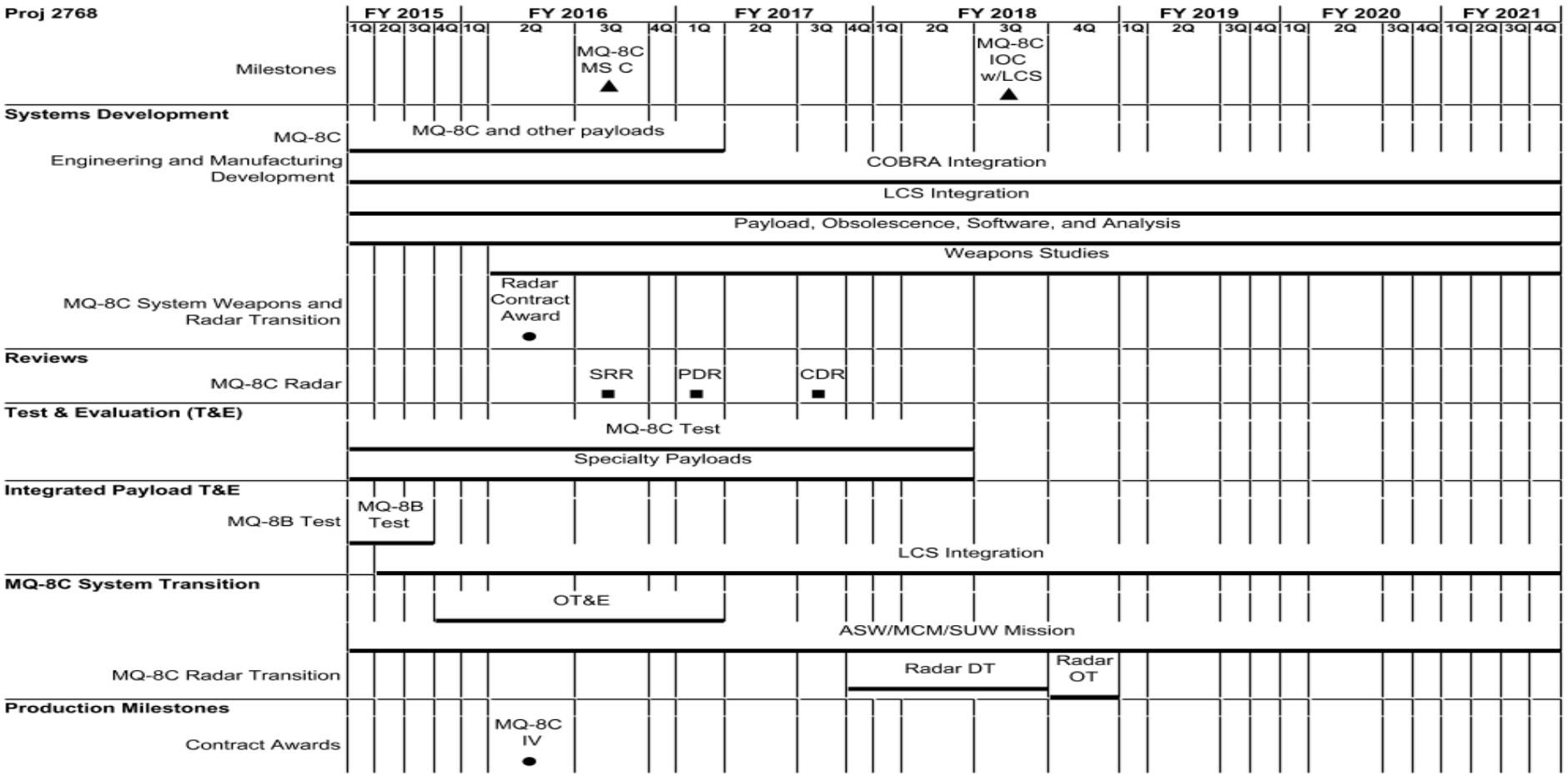

Exhibit R-4, RDT&E Schedule Profile: PB 2017 Navy		Date: February 2016
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305231N / *MQ-8 UAV*	**Project (Number/Name)** 2768 / *MQ-8 Fire Scout*

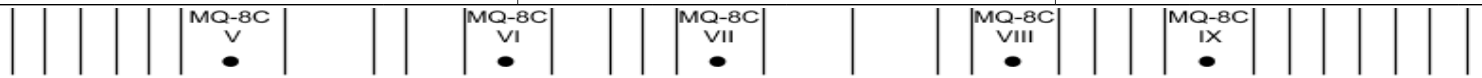

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Exhibit R-4A, RDT&E Schedule Details: PB 2017 Navy		Date: February 2016
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305231N / *MQ-8 UAV*	**Project (Number/Name)** 2768 / *MQ-8 Fire Scout*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 2768				
Milestones: MQ-8 Initial Operational Capability (IOC) - MQ-8C Littoral Combat Ship (LCS)	3	2018	3	2018
Milestones: MQ-8C Milestone C Decision	3	2016	3	2016
Systems Development: MQ-8C: MQ-8C and other payloads	1	2015	1	2017
Systems Development: Engineering and Manufacturing Development: Coastal Battlefield Reconnaissance and Analysis Integration (COBRA), BLK 1/2/3	1	2015	4	2021
Systems Development: Engineering and Manufacturing Development: Littoral Combat Ship (LCS) Integration	1	2015	4	2021
Systems Development: Engineering and Manufacturing Development: Payload, Obsolescence, Software, and Analysis	1	2015	4	2021
Systems Development: Engineering and Manufacturing Development: Weapons Studies	2	2016	4	2021
Systems Development: MQ-8C System Weapons and Radar Transition: Radar Contract Award	2	2016	2	2016
Reviews: MQ-8C Radar: System Requirements Review (SRR)	3	2016	3	2016
Reviews: MQ-8C Radar: Preliminary Design Review (PDR)	1	2017	1	2017
Reviews: MQ-8C Radar: Critical Design Review (CDR)	3	2017	3	2017
Test & Evaluation (T&E): MQ-8C Development Test	1	2015	2	2018
Test & Evaluation (T&E): Specialty Payloads	1	2015	2	2018
Integrated Payload T&E: MQ-8B Test: MQ-8B	1	2015	3	2015
Integrated Payload T&E: MQ-8B Test: Littoral Combat Ship (LCS) Integration	2	2015	4	2021
MQ-8C System Transition: Operational Test and Evaluation (OT&E)	4	2015	1	2017
MQ-8C System Transition: ASW/MCM/SUW Mission	1	2015	4	2021

Exhibit R-4A, RDT&E Schedule Details: PB 2017 Navy		Date: February 2016
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305231N / *MQ-8 UAV*	**Project (Number/Name)** 2768 / *MQ-8 Fire Scout*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
MQ-8C System Transition: MQ-8C Radar Transition: Radar Developmental Test (DT)	4	2017	3	2018
MQ-8C System Transition: MQ-8C Radar Transition: Radar Operational Test (OT)	4	2018	4	2018
Production Milestones: Contract Awards: Air Vehicles MQ-8C IV	2	2016	2	2016
Production Milestones: Contract Awards: Air Vehicles MQ-8C V	2	2016	2	2016
Production Milestones: Contract Awards: Air Vehicles MQ-8C VI	2	2017	2	2017
Production Milestones: Contract Awards: Air Vehicles MQ-8C VII	2	2018	2	2018
Production Milestones: Contract Awards: Air Vehicles MQ-8C VIII	2	2019	2	2019
Production Milestones: Contract Awards: Air Vehicles MQ-8C IX	2	2020	2	2020