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 0305421N *I (U)RQ-4 Modernization*							
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	0.000	30.000	129.892	181.266	-	181.266	166.651	85.234	43.601	44.538	0.000	681.182
2939: *RQ-4 Modernization*	0.000	30.000	129.892	181.266	-	181.266	166.651	85.234	43.601	44.538	0.000	681.182
Program MDAP/MAIS Code: 373												

Note

MQ-4C Triton RDTE funding for modernization was segregated into a new program element (from PE 0305220N to PE 0305421N) in order to satisfy Congressional direction for increased transparency.

A. Mission Description and Budget Item Justification

MQ-4C Triton Unmanned Air System (UAS). The popular name Triton was approved for the MQ-4C UAS in June 2012, designating the RQ-4 Broad Area Maritime Surveillance (BAMS) UAS as the MQ-4C Triton.

The MQ-4C Triton is a high altitude-long endurance UAS designed to provide Fleet and combatant commanders with persistent maritime Intelligence, Surveillance and Reconnaissance (ISR) of nearly all the world's high-density sea-lanes, littorals, and areas of national interest. Teamed with its manned-capability counterpart, the P-8A, Triton will be a key component of the Navy's family of systems to achieve maritime domain awareness. MQ-4C Triton will seek to leverage Maritime Patrol and Reconnaissance Force manpower, training and maintenance efficiencies.

The MQ-4C Triton features sensors designed to provide near worldwide coverage through a network of five orbits inside and outside continental United States, with sufficient air vehicles to remain airborne for 24 hours a day, 7 days a week, out to ranges of 2000 nautical miles. Onboard sensors will provide detection, classification, tracking and identification of maritime targets and include maritime radar, electro-optical/infra-red and Electronic Support Measures systems. Additionally, the MQ-4C will have a communications relay capability designed to link dispersed forces in the theater of operations and serve as a node in the Navy's FORCEnet strategy. Tactical-level data analysis will occur in real-time at shore-based mission control sites connected to the air vehicle via satellite communications. Further intelligence exploitation can be conducted at Fleet shore-based sites or aboard aircraft carriers and other ships.

The MQ-4C Triton UAS will implement phased capability upgrades within the ongoing acquisition program to pace capability with rapidly evolving technologies and threats to ensure the Navy maintains persistent ISR dominance through the system's lifecycle, and to support the Intelligence, Surveillance, Reconnaissance and Targeting transition plan. System upgrades will include Multi-Intelligence capabilities, Counter Electronic Attack upgrades, a more robust electronic support capability and continue improvements to baseline mission system payloads.

MQ-4C will play a significant role in the Sea Shield and FORCEnet pillars of Sea Power 21. In its Sea Shield role, the system will rely on its key attribute of persistence to provide the supported combatant command or fleet commander with unparalleled situational awareness of the maritime battle space as it develops and sustains the common operational tactical picture. The system will also serve as a Fleet response plan enabler, while acting as a trip wire for intelligence preparation of the

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 0305421N *I (U)RQ-4 Modernization*

environment. Additionally, Triton UAS will be a FORCEnet enabler and relay platform, directly connected to both the Global Information Grid and the Distributed Common Ground System-Navy information backbone.

B. Program Change Summary ($ in Millions)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Previous President's Budget	5.000	150.854	220.219	-	220.219
Current President's Budget	30.000	129.892	181.266	-	181.266
Total Adjustments	25.000	-20.962	-38.953	-	-38.953
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-20.962			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	25.000	0.000			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	-30.700	-	-30.700
• Rate/Misc Adjustments	0.000	0.000	-8.253	-	-8.253

Change Summary Explanation

Decrease in RQ-4 Modernization by $7.640M as required for the Department of the Navy to comply with the Bipartisan Budget Act of 2015.

FY 2017 decrease primarily due to Air to Air Radar Subsystem development.

Schedule: Multi-INT Follow-on Operational Test and Evaluation scheduled for 3QFY20, Multi-INT IOC scheduled for 2QFY21, and Future Development scheduled 4QFY20 through FY21 have been added to the schedule.

Technical: N/A

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 0305421N / *(U)RQ-4 Modernization*	Project (Number/Name) 2939 / *RQ-4 Modernization*	

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
2939: *RQ-4 Modernization*	0.000	30.000	129.892	181.266	-	181.266	166.651	85.234	43.601	44.538	0.000	681.182
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

MQ-4C Triton Unmanned Air System (UAS). The MQ-4C Triton is a high altitude-long endurance UAS designed to provide Fleet and combatant commanders with persistent maritime Intelligence, Surveillance and Reconnaissance (ISR) of nearly all the world's high-density sea-lanes, littorals, and areas of national interest. Teamed with its manned-capability counterpart, the P-8A, Triton will be a key component of the Navy's family of systems to achieve maritime domain awareness. MQ-4C Triton will seek to leverage Maritime Patrol and Reconnaissance Force manpower, training and maintenance efficiencies.

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Title: Product Development	29.008	123.471	168.952	0.000	168.952
Articles:	-	-	-	-	-
Description: MQ-4C Triton Unmanned Air System (UAS) modernization effort for incorporation of phased capability upgrades. The prime contractor is responsible for integration of upgrades into the Triton UAS					

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 0305421N / *(U)RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
including associated management, engineering and logistics activities. Capability upgrades will also include development of system payloads directly with original equipment manufacturers. ***FY 2015 Accomplishments:*** Initiate development of phased capability upgrades, including Multi-Intelligence capabilities in support of the Intelligence, Surveillance, Reconnaissance and Targeting transition plan. ***FY 2016 Plans:*** Funding increases from FY15 to FY16 to continue development of phased capability upgrades, including Multi-Intelligence capabilities in support of the Intelligence, Surveillance, Reconnaissance and Targeting transition plan. Funding includes sense and avoid radar development and acquisition of development assets for capability upgrades including electro-optical/infra-red, Signals Intelligence (SIGINT) High Band and SIGINT Low Band systems. ***FY 2017 Base Plans:*** Funding increases from FY16 to FY17 are to support higher levels of development effort for the integration of modernization capabilities as the program approaches Critical Design Review for Multi-INT. FY17 continues development of phased capability upgrades, including Multi-Intelligence capabilities in support of the Intelligence, Surveillance, Reconnaissance and Targeting transition plan. Funding includes sense and avoid radar development and acquisition of development assets for capability upgrades including electro-optical/infra-red, SIGINT High Band and SIGINT Low Band systems. ***FY 2017 OCO Plans:*** N/A					
Title: ILS, Support, Studies & Analysis ***Articles:*** ***Description:*** Integrated Logistics Support, Studies and Analysis. ***FY 2015 Accomplishments:*** Integrated logistics support, technical engineering services, sensor risk reduction, logistics supportability analyses and environmental planning, modeling and simulation, development of manpower and basing assessments, and development of technical data to support fielding of the MQ-4C Triton Unmanned Air System capabilities. ***FY 2016 Plans:***	0.700 -	1.608 -	2.385 -	0.000 -	2.385 -

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 0305421N / *(U)RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Integrated logistics support, technical engineering services, sensor risk reduction, logistics supportability analyses and environmental planning, modeling and simulation, development of manpower and basing assessments, and development of technical data to support fielding of the MQ-4C Triton Unmanned Air System (UAS) capabilities. ***FY 2017 Base Plans:*** Funding increases from FY16 to FY17 support the increased effort in the development and integration of logistics and product support considerations for Triton's modernization upgrade. Efforts include integrated logistics support, technical engineering services, sensor reliability and maintainability risk reduction, logistics supportability analyses and environmental planning, modeling and simulation, development of manpower and basing assessments, and development of technical data to support fielding of the MQ-4C Triton UAS modernization capabilities. ***FY 2017 OCO Plans:*** N/A					
Title: Test & Evaluation (T&E) ***Articles:*** ***Description:*** T&E efforts. ***FY 2015 Accomplishments:*** N/A ***FY 2016 Plans:*** Begin Developmental Testing (DT) and Operational Testing (OT) support activities to allow test and fielding of the MQ-4C Triton UAS phased capability upgrades in accordance with the program schedule. ***FY 2017 Base Plans:*** Funding increases from FY16 to FY17 are in support of program increases in DT activities, including integrated test team labor to reduce risk in design and development, to perform subsystem level ground and acceptance testing, obtain the necessary satellite communications required for testing and continue OT support to allow test and fielding of the MQ-4C Triton UAS phased capability upgrades in accordance with the program schedule. ***FY 2017 OCO Plans:*** N/A	0.000 -	3.800 -	8.902 -	0.000 -	8.902 -
Title: Program Management (PM) ***Articles:***	0.292 -	1.013 -	1.027 -	0.000 -	1.027 -

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 0305421N / *(U)RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Description: PM support and travel. ***FY 2015 Accomplishments:*** Program Management (PM) support and travel, development of milestone and acquisition-related documentation, capability refinement and open systems architecture development, resource justification, affordability assessments and cost analyses, risk reduction and risk management, system integration and interoperability planning, technology maturity reviews, program protection planning,corrosion prevention planning, and joint and international cooperation efforts. ***FY 2016 Plans:*** Continue the following: PM support and travel, development of milestone and acquisition-related documentation, capability refinement and open systems architecture development, resource justification, affordability assessments and cost analyses, risk reduction and risk management, system integration and interoperability planning, technology maturity reviews, program protection planning, corrosion prevention planning, and joint and international cooperation efforts. ***FY 2017 Base Plans:*** Continue the following: PM support and travel, development of milestone and acquisition-related documentation, capability refinement and open systems architecture development, resource justification, affordability assessments and cost analyses, risk reduction and risk management, system integration and interoperability planning, technology maturity reviews, program protection planning, corrosion prevention planning, and joint and international cooperation efforts. ***FY 2017 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	30.000	129.892	181.266	0.000	181.266

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
• RDT&E/0305220N: *(U)MQ-4C Triton*	419.242	227.118	111.729	-	111.729	9.021	2.061	0.000	0.000	0.000	3,269.456

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 0305421N / *(U)RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

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-4/044200: *RQ-4 UAV (Triton UAV)*	67.670	619.662	464.657	-	464.657	570.239	685.950	759.853	748.865	6,569.316	10,486.212
• APN-6/044200: *RQ-4 UAV (Triton UAV)*	0.000	103.954	114.529	-	114.529	101.659	8.566	9.345	0.000	78.847	416.900
• MILCON/0212176N: *Facilities New Footprint - Fleet Ops*	0.000	8.296	30.475	-	30.475	0.000	0.000	0.000	0.000	0.000	88.385
• MILCON/0712876N: *Facilities New Footprint - Main and Prod*	0.000	40.641	0.000	-	0.000	0.000	27.686	0.000	0.000	0.000	68.327
• MILCON/0815976N: *Facilities New Footprint - Training*	0.000	0.000	41.380	-	41.380	0.000	0.000	0.000	0.000	0.000	79.411
• OMN/1D4D: *Weapons Maintenance*	0.000	0.000	0.000	-	0.000	29.667	32.365	34.809	35.522	Continuing	Continuing
• OMN/1A4N: *Air Systems Support*	0.000	0.000	0.000	-	0.000	0.496	0.495	0.495	0.496	Continuing	Continuing
• OMN/1A1A: *Mission and Other Flight Operations*	0.000	0.000	0.000	-	0.000	2.193	13.990	34.265	192.313	Continuing	Continuing
• MILCON/0805976N: *Facilities Restoration and Mod-Training*	0.000	2.974	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	2.974

Remarks

In order to reflect the correct funding profile, the APN-4 "Cost To Complete" should read $6,595.833 for a total cost of $10,512.729. The APN-6 "Cost To Complete" should read $90.500 for a total of $428.553.

D. Acquisition Strategy

The MQ-4C Triton acquisition approach encompasses delivery of detection, tracking, imaging and data dissemination capabilities at Initial Operational Capability (IOC) with activities to enhance sensor and system performance via phased capability upgrades for post IOC delivery as part of the Triton acquisition program. This approach of phased capability upgrades within the acquisition program enables MQ-4C to pace capability with rapidly evolving technologies and threats to ensure the Navy maintains persistent Intelligence, Surveillance and Reconnaissance dominance through the system's lifecycle.

The MQ-4C Triton program office is pursuing joint efficiency with the Air Force on the Global Hawk Unmanned Aircraft System (UAS). However, the integration of the Triton UAS into the Maritime Patrol Reconnaissance Force and the unique maritime sensors employed dictate a Navy-led acquisition program focused on joint efficiencies, where possible.

E. Performance Metrics

Successfully achieve Milestone C, Integrated Test, Operational Evaluation and IOC.

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 0305421N / *(U)RQ-4 Modernization*	Project (Number/Name) 2939 / *RQ-4 Modernization*	

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	C/CPFF	Northrop Grumman : Rancho Bernardo, CA	0.000	24.973	Apr 2015	85.363	Nov 2015	144.351	Nov 2016	-		144.351	276.208	530.895	530.895
Systems Engineering	Various	Various : Various	0.000	1.535	Aug 2015	2.000	Nov 2015	2.957	Nov 2016	-		2.957	3.806	10.298	-
Systems Engineering	WR	NAWC-AD : Patuxent River, MD	0.000	2.500	Jan 2015	11.739	Nov 2015	17.644	Nov 2016	-		17.644	12.801	44.684	-
Primary Hardware Development	SS/FFP	Raytheon : McKinney, TX	0.000	0.000		10.869	Feb 2016	0.500	Nov 2016	-		0.500	2.000	13.369	13.369
Primary Hardware Development	C/CPFF	Sierra Nevada Corporation : Beaver Creek, OH	0.000	0.000		6.000	Apr 2016	3.500	Nov 2016	-		3.500	0.000	9.500	9.500
Primary Hardware Development	C/CPFF	Boeing Argon ST : Fairfax, VA	0.000	0.000		7.500	Feb 2016	0.000		-		0.000	0.000	7.500	7.500
		Subtotal	0.000	29.008		123.471		168.952		-		168.952	294.815	616.246	-

Remarks

In FY16 and FY17, the Product Development budget resources Northrop Grumman for Triton Air to Air Radar Subsystem (AARSS) development and Multi-INT integration design efforts, Raytheon for an Electro-Optical/Infrared (EO/IR) upgrade contract, Sierra Nevada Corporation for high band sensor kits and Boeing Argon for low band sensor kits.

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
Development Support	Various	Various : Various	0.000	0.200	Mar 2015	0.208	Nov 2015	0.260	Nov 2016	-		0.260	1.109	1.777	-
Integrated Logistics Support	Various	Various : Various	0.000	0.000		0.200	Nov 2015	0.251	Nov 2016	-		0.251	3.216	3.667	-
Integrated Logistics Support	WR	NAWC-AD : Patuxent River, MD	0.000	0.500	Jan 2015	1.200	Nov 2015	1.874	Nov 2016	-		1.874	3.202	6.776	-
		Subtotal	0.000	0.700		1.608		2.385		-		2.385	7.527	12.220	-

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 0305421N / *(U)RQ-4 Modernization*	Project (Number/Name) 2939 / *RQ-4 Modernization*	

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	Various	Various : Various	0.000	0.000		0.650	Nov 2015	0.663	Nov 2016	-		0.663	5.302	6.615	-
Developmental Test & Evaluation	WR	NAWC-AD : Patuxent River, MD	0.000	0.000		1.900	Nov 2015	5.667	Nov 2016	-		5.667	17.687	25.254	-
Operational Test & Evaluation	Various	Various : Various	0.000	0.000		0.250	Nov 2015	0.500	Nov 2016	-		0.500	7.100	7.850	-
Developmental Test & Evaluation (SATCOMM)	MIPR	DITCO : Various	0.000	0.000		1.000	Nov 2015	2.072	Nov 2016	-		2.072	3.326	6.398	-
		Subtotal	0.000	0.000		3.800		8.902		-		8.902	33.415	46.117	-

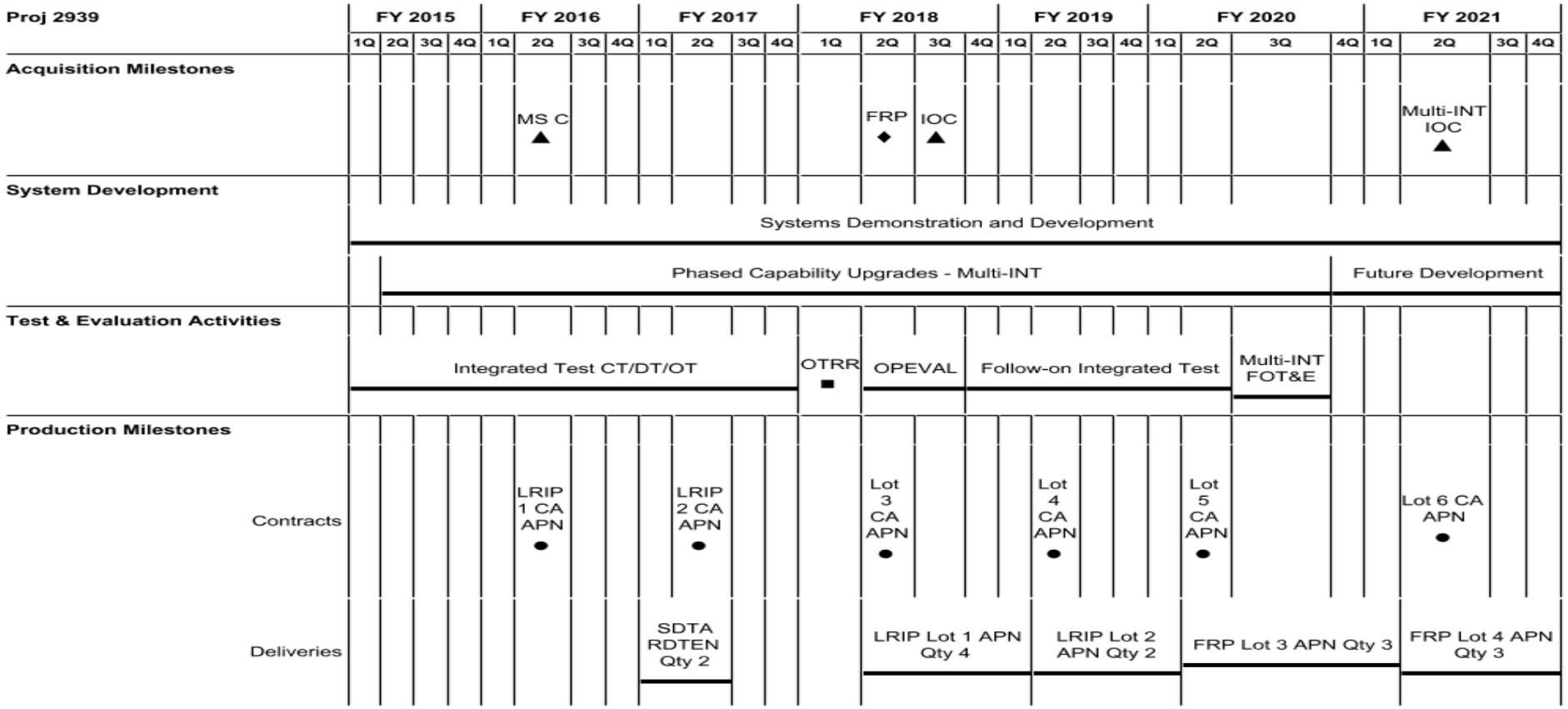
Management Services ($ in Millions)

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
Program Management	Various	Various : Various	0.000	0.100	Jan 2015	0.163	Nov 2015	0.166	Nov 2016	-		0.166	0.699	1.128	-
Travel	Allot	Various : Various	0.000	0.025	Jan 2015	0.050	Nov 2015	0.045	Nov 2016	-		0.045	0.138	0.258	-
Program Management Support	C/CPFF	Ausley : Lexington Park, MD	0.000	0.167	Jan 2015	0.800	Feb 2016	0.816	Nov 2016	-		0.816	3.430	5.213	5.213
		Subtotal	0.000	0.292		1.013		1.027		-		1.027	4.267	6.599	-

	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	0.000	30.000		129.892		181.266		-		181.266	340.024	681.182	-

Remarks

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 0305421N / *(U)RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*



2017PB - 0305421N - 2939 MQ-4C Triton development activities are resourced by PE 0305220N and PE 0305421N.

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 0305421N / *(U)RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 2939				
Acquisition Milestones: Milestone C	2	2016	2	2016
Acquisition Milestones: Full Rate Production	2	2018	2	2018
Acquisition Milestones: Initial Operational Capability	3	2018	3	2018
Acquisition Milestones: Multi-INT Initial Operational Capability	2	2021	2	2021
System Development: System Development and Demonstration	1	2015	4	2021
System Development: Phased Capability Upgrades - Multi-INT	2	2015	3	2020
System Development: Future Development	4	2020	4	2021
Test & Evaluation Activities: Integrated Test (Combined/Developmental/Operational)	1	2015	4	2017
Test & Evaluation Activities: Follow-on Integrated Test	4	2018	2	2020
Test & Evaluation Activities: Multi-INT Follow-on Operational Test and Evaluation	3	2020	3	2020
Test & Evaluation Activities: Operational Test Readiness Review	1	2018	1	2018
Test & Evaluation Activities: OPEVAL	2	2018	3	2018
Production Milestones: Contracts: Low Rate Initial Production 1 Contract Award	2	2016	2	2016
Production Milestones: Contracts: Low Rate Initial Production 2 Contract Award	2	2017	2	2017
Production Milestones: Contracts: Full Rate Production Lot 3 Contract Award	2	2018	2	2018
Production Milestones: Contracts: Full Rate Production Lot 4 Contract Award	2	2019	2	2019
Production Milestones: Contracts: Full Rate Production Lot 5 Contract Award	2	2020	2	2020
Production Milestones: Contracts: Full Rate Production Lot 6 Contract Award	2	2021	2	2021
Production Milestones: Deliveries: System Demonstration Test Articles Delivery	1	2017	2	2017
Production Milestones: Deliveries: Low Rate Initial Production Lot 1 Delivery	2	2018	1	2019
Production Milestones: Deliveries: Low Rate Initial Production Lot 2 Delivery	2	2019	1	2020
Production Milestones: Deliveries: Full Rate Production Lot 3 Delivery	2	2020	1	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 0305421N / *(U)RQ-4 Modernization*	**Project (Number/Name)** 2939 / *RQ-4 Modernization*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Production Milestones: Deliveries: Full Rate Production Lot 4 Delivery	2	2021	4	2021