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Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy										Date: February 2015		
Appropriation/Budget Activity 1319: Research, Development, Test & Evaluation, Navy I BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0604404N I (U)Unman Carrier Launch A/B Surv & Strk(UCLASS)Sys							
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	144.994	115.275	403.008	134.708	-	134.708	326.387	509.504	727.924	842.455	Continuing	Continuing
3278: UCLASS Development	144.994	115.275	403.008	134.708	-	134.708	326.387	509.504	727.924	842.455	Continuing	Continuing
Program MDAP/MAIS Code: P462												
A. Mission Description and Budget Item Justification												
The Unmanned Carrier-Launched Airborne Surveillance and Strike (UCLASS) system will enhance carrier capability and versatility for the Joint Forces Commander through integration of a persistent and mission flexible unmanned aircraft into the Carrier Air Wing. The UCLASS Initial Capabilities Document (ICD) highlights the need for a persistent, survivable carrier-based Intelligence, Surveillance, Reconnaissance, & Targeting (ISR&T) and precision strike asset. The Department continues to assess the UCLASS program and will conduct a Strategic Portfolio Review (SPR) of Department of Defense airborne ISR&T systems and the future composition of the carrier air wing. The current funding profile reflects a rephase to the program while the SPR is conducted. The Joint Requirements Oversight Council (JROC) endorsed the UCLASS ICD in April 2011 and formally approved it on 9 Jun 11 via Joint Requirements Oversight Council Memorandum (JROCM) 087-11. In support of affordability and adaptability directives, JROCMs 086-12 and 196-12 redefined the scope of JROCM 087-11 and affirmed the urgency for a platform that supports missions ranging from permissive counter-terrorism operations, to missions in low-end contested environments, to providing enabling capabilities for high-end denied operations, as well as supporting organic Naval missions. JROCM 009-14 was issued on 4 Feb 14, directing UCLASS Early Operational Capability delivery within four to five years from Air Segment contract award. The Service approved a draft Capability Development Document on 5 Apr 13.												
B. Program Change Summary (\$ in Millions)				FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total				
Previous President's Budget				121.673	403.017	668.749	-	668.749				
Current President's Budget				115.275	403.008	134.708	-	134.708				
Total Adjustments				-6.398	-0.009	-534.041	-	-534.041				
• Congressional General Reductions				-	-0.009							
• Congressional Directed Reductions				-	-							
• Congressional Rescissions				-	-							
• Congressional Adds				-	-							
• Congressional Directed Transfers				-	-							
• Reprogrammings				-4.149	-							
• SBIR/STTR Transfer				-2.249	-							
• Program Adjustments				-	-	-75.500	-	-75.500				
• Rate/Misc Adjustments				-	-	-458.541	-	-458.541				
Change Summary Explanation												
Schedule: As a result of the decision to conduct a SPR, the program's funding profile and schedule have been adjusted to reflect an Air System contract award in 2QTR17												

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Technical: Not Applicable		

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Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604404N / (U)Unman Carrier Launch A/B Surv & Strk(UCLASS)Sys				Project (Number/Name) 3278 / UCLASS Development			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
3278: UCLASS Development	144.994	115.275	403.008	134.708	-	134.708	326.387	509.504	727.924	842.455	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

The Unmanned Carrier-Launched Airborne Surveillance and Strike (UCLASS) system will enhance carrier capability and versatility for the Joint Forces Commander through integration of a persistent and mission flexible unmanned aircraft into the Carrier Air Wing (CVW). The UCLASS Initial Capabilities Document (ICD) highlights the need for a persistent, survivable carrier-based Intelligence, Surveillance, Reconnaissance, & Targeting (ISR&T) and precision strike asset. The Department continues to assess the UCLASS program and will conduct a Strategic Portfolio Review (SPR) of Department of Defense airborne ISR&T systems and the future composition of the carrier air wing. The current funding profile reflects a rephase to the program while the SPR is conducted. The Joint Requirements Oversight Council (JROC) endorsed the UCLASS ICD in April 2011 and formally approved it on 9 Jun 11 via Joint Requirements Oversight Council Memorandum (JROCM) 087-11. In support of affordability and adaptability directives, JROCMs 086-12 and 196-12 redefined the scope of JROCM 087-11 and affirmed the urgency for a platform that supports missions ranging from permissive counter-terrorism operations, to missions in low-end contested environments, to providing enabling capabilities for high-end denied operations, as well as supporting organic Naval missions. JROCM 009-14 was issued on 4 Feb 14, directing UCLASS Early Operational Capability delivery within four to five years from Air Segment contract award. The Service approved a draft Capability Development Document on 5 Apr 13.

The UCLASS system will provide persistent ISR&T with precision strike support in a range of missions including irregular warfare and major combatant operation environments. UCLASS will be a major step forward in achieving integration of manned and unmanned systems within the CVW and will contribute to increasing sea-based capacity across the spectrum of maritime and littoral missions. UCLASS will allow a CVW to provide continuous 24/7 ISR&T/strike capability. The UCLASS system will be sustainable onboard an aircraft carrier, as well as ashore, and will be designed to minimize increases in the logistics footprint of the current CVW.

The UCLASS system will have the ability to pass command and control information along with sensor data to other aircraft, naval vessels, and ground forces. Sensor data will be transmitted, in either raw or processed forms, at appropriate classification levels, to exploitation nodes afloat and ashore (e.g. Distributed Common Ground/Surface System - Navy).

The UCLASS system will achieve these capabilities through the use of a carrier-suitable, semi-autonomous, unmanned Air Segment; a Control System and Connectivity Segment; and a Carrier Segment. These segments will be overseen by the Government Lead System Integrator (LSI), providing government-led system of systems integration for the UCLASS Program. The LSI will coordinate across all segments and with external stakeholders to ensure program activities are synchronized. The UCLASS system will interface with existing ship and land-based command and control systems, including ISR&T Tasking, Processing, Exploitation, and Dissemination systems.

The scope of the program includes, but is not limited to, system level requirements identification, allocation of requirements to segments and components, design, development, integration, fabrication, test, training, and support activities to provide the UCLASS capabilities. To accomplish these capabilities the UCLASS program will (as required) transition technologies from other programs and adapt them into the carrier environment. The UCLASS system will deliver the necessary air vehicles,

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command, control, connectivity, shipboard and land-based launch and recovery control systems, associated support systems, interfaces, and upgrades to other Navy systems (as required) to meet the required capabilities.						
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)						
		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: Air Segment Product Development		45.833	259.233	20.143	-	20.143
Articles:		-	-	-	-	-
Description: Air Segment Product Development efforts include, but are not limited to, design, development, integration, fabrication, test and training to deliver a carrier-suitable, semi-autonomous, unmanned vehicle capable of sustained Intelligence, Surveillance, Reconnaissance, & Targeting (ISR&T) operations and strike capability. A prime contractor, selected following a limited source competition, will deliver the Air Segment products.						
FY 2014 Accomplishments: Continued Air Segment design and integration activities. Continued Air Segment interface activities. Continued Preliminary Design Review contracts.						
FY 2015 Plans: Continue Air Segment design and integration activities. Continue Preliminary Design Review contracts. Support Department of Defense (DoD)-led Strategic Portfolio Review (SPR) of DoD airborne ISR&T systems.						
FY 2016 Base Plans: Continue support of DoD-led SPR of DoD airborne ISR&T systems. Release Request for Proposal for the Air System contract and begin source selection activities. Continue Air Segment system integration and interface activities.						
FY 2016 OCO Plans: N/A						
Title: Control System & Connectivity (CS&C) Segment Product Development		40.071	90.113	42.738	-	42.738
Articles:		-	-	-	-	-
Description: CS&C Segment Product Development is a Government-led effort which includes, but is not limited to, the hardware, software and networks needed to establish interfaces and upgrades to existing ship and land-based command and control systems. Specifically, ISR&T, Tasking, Processing, Exploitation, and Dissemination systems will be utilized.						
FY 2014 Accomplishments:						

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Continued CS&C Segment integration activities. Continued CS&C hardware/software development. Delivered CS&C software development tools and documentation for design and integration activities. Fabricated and delivered prototype control station for continued Unmanned Carrier-Launched Airborne Surveillance and Strike (UCLASS) integration activities. FY 2015 Plans: Continue Control System & Connectivity (CS&C) hardware/software development and integration. Continue fabrication of prototype control station. Initiate development and fabrication of additional prototype Common Display Station (CDS) based control stations, to include the test-transportable control station and test-ashore control station, in order to meet timelines required to support integration and flight test. Complete development of CS&C software development tools and documentation for land-based and CVN-based control stations. Conduct control station requirements verification/validation activities in Government integration lab. Continue integration of Automated Digital Network System (ADNS) hardware/software components. Complete interface development to shipboard networks. Begin integration testing between control station with shipboard networks and data links. FY 2016 Base Plans: Continue CS&C hardware/software development and integration. Continue development and fabrication of prototype CDS based control stations, to include the test-transportable control station and test-ashore control station, in order to meet timelines required to support integration and flight test. Deliver test-transportable control station. Conduct control station requirements verification/validation activities in Government integration lab. Continue integration of ADNS hardware/software components. Continue integration testing between control station with shipboard networks and data links. FY 2016 OCO Plans: N/A						
Title: Carrier (CVN) Segment Product Development Articles: Description: CVN Segment Product Development is a Government-led effort which includes, but is not limited to, upgrades to existing CVN infrastructure to support UCLASS capabilities. FY 2014 Accomplishments: Continued CVN Segment design and integration activities. Began implementation of ship change requests (SCDs) and Engineering Change Proposals (ECPs), and ship integration activities in accordance with Naval		8.066 -	26.244 -	32.835 -	- -	32.835 -

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Sea Systems Command (NAVSEA), Space and Naval Warfare Systems Command (SPAWAR), and Program Executive Office, Aircraft Carriers (PEO(CARRIERS)) processes. FY 2015 Plans: Continue engineering efforts in support of implementing SCDs and ECPs to modify CVNs for UCLASS hardware and software. Continue CVN ship integration activities and development of Concept of Operations in accordance with NAVSEA, SPAWAR, PEO(CARRIERS) Commander Naval Air Forces (CNAF), and Office of the Chief of Naval Operations (OPNAV) processes. Begin development of UCLASS modifications to existing Program of Record (PoR) shipboard systems needed to support the Unmanned Carrier-Launched Airborne Surveillance and Strike (UCLASS) capability to include required hardware for shipboard test and integration activities. Continue development of Navy Modernization Processes (NMP) supporting shipboard Configuration Management and Logistics. FY 2016 Base Plans: Initiate ship installation activities and upgrades to existing Carrier (CVN) infrastructure, especially critical CVN suitable technologies and mission essential equipment. Continue engineering efforts in support of implementing ship change requests (SCDs) and Engineering Change Proposals (ECP) to modify CVNs for UCLASS hardware and software. Continue CVN ship integration activities and development of Concept of Operations in accordance with Naval Sea Systems Command, Space and Naval Warfare Systems Command, Program Executive Office, Aircraft Carriers, Commander Naval Air Forces, and Office of the Chief of Naval Operations processes. Continue development of UCLASS modifications to existing PoR shipboard systems needed to support the UCLASS capability to include required hardware for shipboard test and integration activities. Continue development of NMP supporting shipboard Configuration Management and Logistics. FY 2016 OCO Plans: N/A						
Title: Lead Systems Integrator (LSI) Product Development <div>Articles:</div> Description: The LSI task is a Government-led effort including, but not limited to, architecture development, interface definition, integration, system level test and evaluation, science and technology investments, roadmap refinement, and coordination of all UCLASS capabilities across system segments. FY 2014 Accomplishments:		13.622 -	12.698 -	19.449 -	- -	19.449 -

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)						
		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Continued UCLASS efforts to implement an open system architecture across all UCLASS segments. Incorporated delivered software development tools and documentation for design and integration activities. Continued Air Segment, Control System & Connectivity (CS&C) Segment, and Carrier Segment interface activities. Continued stand up of system integration laboratories and test facilities in support of government-led program activities, including implementation of open system architectures.						
FY 2015 Plans: Continue UCLASS efforts to implement an open system architecture across all UCLASS segments. Continue design and integration activities. Continue Air Segment, CS&C Segment, and Carrier Segment interface activities. Continue stand up of system integration laboratories and test facilities in support of government-led program activities, including implementation of open system architectures.						
FY 2016 Base Plans: Continue Unmanned Carrier-Launched Airborne Surveillance and Strike (UCLASS) efforts to implement an open system architecture across all UCLASS segments. Continue design and integration activities. Continue Air Segment, Control System & Connectivity Segment, and Carrier Segment interface activities. Continue stand up of system integration laboratories and test facilities in support of government-led program activities, including implementation of open system architectures.						
FY 2016 OCO Plans: N/A						
Title: Management		5.401	9.498	10.993	-	10.993
Articles:		-	-	-	-	-
Description: Efforts include program, engineering, test, and logistics management.						
FY 2014 Accomplishments: Continued oversight, coordination, and management of UCLASS acquisition, system interface and integration activities. Provided oversight of UCLASS contract activities, including development of Air Segment Technology Maturation Risk Reduction (TMRR) Request for Proposal and conducted source selection. Continued logistics management tasks. Continued to maintain security and program office environments.						
FY 2015 Plans:						

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)				FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Continue oversight, coordination, and management of UCLASS acquisition, system interface and integration activities. Provide oversight of UCLASS contract activities. Continue logistics management tasks. Continue to maintain security and program office environments. FY 2016 Base Plans: Continue oversight, coordination, and management of UCLASS acquisition, system interface and integration activities. Provide oversight of UCLASS contract activities, including source selection for the Air System contract. Continue logistics management tasks. Continue to maintain security and program office environments. Conduct UCLASS System PDR to support key point decisions. FY 2016 OCO Plans: N/A								
Title: Test and Evaluation Articles:				2.282 -	4.779 -	6.552 -	- -	6.552 -
FY 2014 Accomplishments: Continued test plans for surrogates, refined test facility, range and lab test requirements and supported engineering events and program management activities. FY 2015 Plans: Continue test plans for surrogates, oversee implementation of test facility, range and lab test requirements and support engineering events and program management activities. Support test for Control System & Connectivity (CS&C) and Carrier (CVN) Segments. FY 2016 Base Plans: Continue test plans for surrogates, oversee implementation of test facility, range and lab test requirements and support engineering events and program management activities. Support test for CS&C and CVN segments. FY 2016 OCO Plans: N/A								
Title: Support Articles:				- -	0.443 -	1.998 -	- -	1.998 -
Description: Efforts include studies, analyses and training development support. FY 2014 Accomplishments:								

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)						
		FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
N/A						
FY 2015 Plans: Initiate logistics supportability studies and analyses, modeling and simulation, and development of manpower and training assessments.						
FY 2016 Base Plans: Continue logistics supportability studies and analyses, modeling and simulation, and development of manpower and training assessments.						
FY 2016 OCO Plans: N/A						
Accomplishments/Planned Programs Subtotals		115.275	403.008	134.708	-	134.708
C. Other Program Funding Summary (\$ in Millions)						
N/A						
Remarks						
D. Acquisition Strategy						
<p>The Government will act as the system integrator across all Unmanned Carrier-Launched Airborne Surveillance and Strike (UCLASS) segments, including Air Segment, Control System & Connectivity (CS&C) Segment, and Carrier (CVN) Segment. The UCLASS Program will leverage existing Navy information dissemination and Department infrastructures, as the government-led system of systems integration is accomplished across all segments. The Government will manage the system level architecture and interfaces, and foster efficient data exchanges and integration. Specifically, the CS&C and CVN segments will be organically managed by the Government Lead System Integrator and will modify existing systems via the effected system's Engineering Change Proposal and configuration management processes. These integration tasks include successful demonstration of integration with the CVN landing system, integration of control system, and integration with the Tasking, Collecting, Processing, Exploitation, Dissemination interfaces to include successful transmission of mission system data. The Government will develop and award contracts as required to support program activities, including a contract for the Air System. The Government's acquisition strategy was approved on 7 Jun 13. Acquisition and contracting strategies comply with current statutes, regulations, and instructions.</p>						
E. Performance Metrics						
Meet Navy operational requirements as defined in requirements documents.						

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy												Date: February 2015			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604404N I (U)Unman Carrier Launch A/B Surv & Strk(UCLASS)Sys				Project (Number/Name) 3278 I UCLASS Development					
Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Air Segment (Primary Hardware Development)	SS/FFP	Boeing : St. Louis, MO	6.250	8.750	Nov 2013	5.000	Nov 2014	-		-		-	-	20.000	20.000
Air Segment (Primary Hardware Development)	SS/FFP	General Atomics : Poway, CA	6.250	8.750	Nov 2013	5.000	Nov 2014	-		-		-	-	20.000	20.000
Air Segment (Primary Hardware Development)	SS/FFP	Lockheed Martin : Palmdale, CA	6.250	8.750	Nov 2013	5.000	Nov 2014	-		-		-	-	20.000	20.000
Air Segment (Primary Hardware Development)	SS/FFP	Northrop Grumman : El Segundo, CA	6.250	8.750	Nov 2013	5.000	Nov 2014	-		-		-	-	20.000	20.000
Air Segment (Primary Hardware Development)	C/CPIF	TBD : TBD	0.000	-		218.050	Sep 2016	-		-		-	Continuing	Continuing	Continuing
Air Segment - Systems Engineering	WR	NAWCAD : Patuxent River, MD	14.179	10.082	Dec 2013	20.453	Dec 2014	19.069	Dec 2015	-		19.069	Continuing	Continuing	Continuing
Air Segment - Systems Engineering	Various	Various : Various	0.415	0.751	Dec 2013	0.730	Dec 2014	1.074	Dec 2015	-		1.074	Continuing	Continuing	Continuing
CS&C Segment	WR	NAWCAD : Patuxent River, MD	14.988	10.239	Dec 2013	31.938	Dec 2014	12.048	Dec 2015	-		12.048	Continuing	Continuing	Continuing
CS&C Segment	Various	Various : Various	8.274	3.412	Dec 2013	5.549	Dec 2014	3.674	Dec 2015	-		3.674	Continuing	Continuing	Continuing
CS&C Segment	Various	NSMA : Arlington, VA	5.586	0.960	Dec 2013	5.398	Dec 2014	4.987	Dec 2015	-		4.987	Continuing	Continuing	Continuing
CS&C Segment	WR	NAWCWD : China Lake, CA	7.064	3.462	Dec 2013	1.723	Dec 2014	-		-		-	-	12.249	12.249
CS&C Segment	WR	NAWCWD : Point Mugu, CA	4.879	4.082	Dec 2013	2.323	Dec 2014	-		-		-	-	11.284	11.284
CS&C Segment	WR	SPAWAR : San Diego, CA	4.622	7.420	Dec 2013	13.129	Dec 2014	10.737	Dec 2015	-		10.737	Continuing	Continuing	Continuing
CS&C Segment	C/CPFF	Raytheon : El Segundo, CA	0.000	10.496	Dec 2013	-		-		-		-	-	10.496	10.496
CS&C Segment (Comms, Network, Intel)	TBD	TBD : TBD	0.000	-		14.169	Dec 2014	3.726	Dec 2015	-		3.726	Continuing	Continuing	Continuing
CS&C Segment (CDS)	TBD	TBD : TBD	0.000	-		15.884	Mar 2015	7.566	Nov 2015	-		7.566	Continuing	Continuing	Continuing
Carrier Segment (Ship Integration)	Various	Various : Various	2.903	0.796	Dec 2013	0.656	Dec 2014	0.767	Dec 2015	-		0.767	Continuing	Continuing	Continuing

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Product Development (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Carrier Segment (Ship Integration)	WR	NAWCAD : Patuxent River, MD	7.901	7.270	Dec 2013	22.923	Dec 2014	21.748	Dec 2015	-		21.748	Continuing	Continuing	Continuing
Carrier Segment (Ship Integration)	WR	NAWCAD : Lakehurst, NJ	0.000	-		1.948	Dec 2014	3.801	Dec 2015	-		3.801	Continuing	Continuing	Continuing
Carrier Segment	WR	SPAWAR : San Diego, CA	0.000	-		0.717	Dec 2014	6.519	Dec 2015	-		6.519	Continuing	Continuing	Continuing
LSI - Mission Effectiveness Analyses (Primary Hardware Development)	Various	Various : Various	5.709	4.134	Dec 2013	1.402	Dec 2014	2.064	Dec 2015	-		2.064	Continuing	Continuing	Continuing
LSI - Mission Effectiveness Analyses (Primary Hardware Development)	WR	NAWCAD : Patuxent River, MD	3.283	1.398	Dec 2013	1.825	Dec 2014	2.686	Dec 2015	-		2.686	Continuing	Continuing	Continuing
LSI - Mission Effectiveness Analyses (Primary Hardware Development)	WR	NAWCWD : China Lake, CA	3.729	1.520	Dec 2013	1.615	Dec 2014	1.789	Dec 2015	-		1.789	Continuing	Continuing	Continuing
LSI - Systems Engineering	Various	Various : Various	2.045	2.801	Dec 2013	3.937	Dec 2014	4.219	Dec 2015	-		4.219	Continuing	Continuing	Continuing
LSI - Systems Engineering	WR	NAWCAD : Patuxent River, MD	1.059	3.769	Dec 2013	3.919	Dec 2014	8.691	Dec 2015	-		8.691	Continuing	Continuing	Continuing
Prior year Prod Dev costs no longer funded in the FYDP	Various	Various : Various	17.424	-		-		-		-		-	-	17.424	-
Subtotal			129.060	107.592		388.288		115.165		-		115.165	-	-	-
Remarks Control System and Connectivity (CS&C) Segment Navy Systems Management Activity (NSMA) Common Display Station (CDS) Lead Systems Integrator (LSI) Decreases to the CS&C NAWCAD Patuxent River, MD line in FY16 are the result of Common Control Station efforts moving to Program Element 0305205N Unmanned Aircraft System (UAS) Integration and Interoperability in FY16.															

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Support (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Manpower Studies & Analyses	Various	Various : Various	0.000	-		0.233	Jan 2015	0.343	Jan 2016	-		0.343	Continuing	Continuing	Continuing
Training Development	WR	NAWCAD : Patuxent River, MD	0.000	-		0.210	Dec 2014	1.655	Dec 2015	-		1.655	Continuing	Continuing	Continuing
Subtotal			0.000	-		0.443		1.998		-		1.998	-	-	-
Test and Evaluation (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Test and Evaluation	WR	NAWCAD : Patuxent River, MD	2.200	2.282	Dec 2013	4.779	Dec 2014	6.552	Dec 2015	-		6.552	Continuing	Continuing	Continuing
Subtotal			2.200	2.282		4.779		6.552		-		6.552	-	-	-
Management Services (\$ in Millions)				FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 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
Management	Various	Various : Various	1.089	1.519	Dec 2013	1.536	Dec 2014	2.274	Dec 2015	-		2.274	Continuing	Continuing	Continuing
Management	WR	NAWCAD : Patuxent River, MD	12.581	3.799	Dec 2013	7.848	Dec 2014	8.552	Dec 2015	-		8.552	Continuing	Continuing	Continuing
Management (Travel)	Various	NAVAIR : Patuxent River, MD	0.064	0.083	Oct 2013	0.114	Oct 2014	0.167	Oct 2015	-		0.167	Continuing	Continuing	Continuing
Subtotal			13.734	5.401		9.498		10.993		-		10.993	-	-	-
Project Cost Totals			144.994	115.275		403.008		134.708		-		134.708	-	-	-
Remarks															

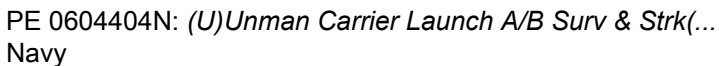
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PE 0604404N: (U)Unman Carrier Launch A/B Surv & Strk(...
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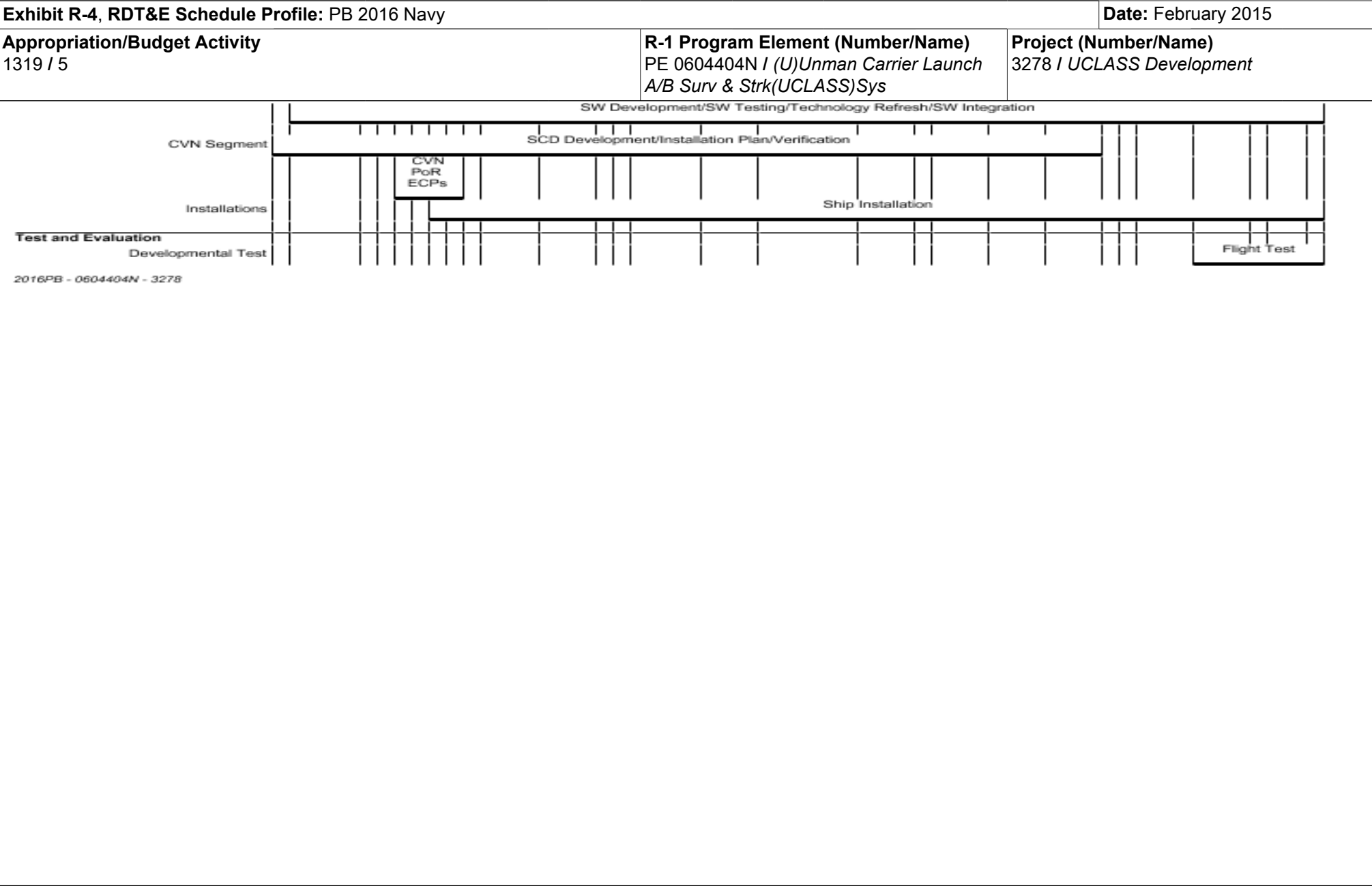
R-1 Line #113

R-1 Program Element (Number/Name)
PE 0604404N / (U)Unman Carrier Launch A/B Surv & Strk(UCLASS)Sys

PE 0604404N / (U)Unman Carrier Launch
A/B Surv & Strk(UCLASS)Sys



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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604404N / (U)Unman Carrier Launch A/B Surv & Strk(UCLASS)Sys	Project (Number/Name) 3278 / UCLASS Development	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<i>Unmanned Carrier-Launched Airborne Surveillance and Strike (UCLASS) System</i>				
Acquisition Milestones: Milestones & Reviews: Milestone A	2	2017	2	2017
Acquisition Milestones: Milestones & Reviews: System Preliminary Design Review (PDR)	3	2017	3	2017
Acquisition Milestones: Milestones & Reviews: System Concept Design Review (CDR)	4	2018	4	2018
Acquisition Milestones: Milestones & Reviews: System Technical Readiness Review (TRR)	4	2019	4	2019
Acquisition Milestones: Milestones & Reviews: Flight Readiness Review (FRR)	1	2020	1	2020
Acquisition Milestones: Milestones & Reviews: In Progress Review (IPR) - Defense Acquisition Board (DAB)	2	2016	2	2016
Systems Development: UCLASS System Design & Integration: UCLASS Architecture Development and Integration	1	2014	4	2020
Systems Development: Air Segment: Boeing	1	2014	3	2015
Systems Development: Air Segment: General Atomics	1	2014	3	2015
Systems Development: Air Segment: Lockheed Martin	1	2014	3	2015
Systems Development: Air Segment: Northrop Grumman	1	2014	3	2015
Systems Development: RFP Release for Air System Contract Award	2	2016	2	2016
Systems Development: Source Selection Activities	2	2016	2	2017
Systems Development: First Flight	3	2020	3	2020
Systems Development: Air System Contract Award	2	2017	2	2017
Systems Development: Final Air Vehicle (AV) Design, Fab, Sub-System Testing	2	2017	1	2020
Systems Development: AV Deliveries	1	2020	4	2020
Systems Development: System Integration	2	2018	4	2020

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Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy			Date: February 2015		
Appropriation/Budget Activity 1319 / 5		R-1 Program Element (Number/Name) PE 0604404N / (U)Unman Carrier Launch A/B Surv & Strk(UCLASS)Sys		Project (Number/Name) 3278 / UCLASS Development	
		Start		End	
Events by Sub Project		Quarter	Year	Quarter	Year
Systems Development: Carrier Vessel Nuclear (CVN) Control Station (CS)/Integration/Clean-up CS		1	2014	3	2018
Systems Development: Prototype CVN CS Delivery		2	2014	2	2014
Systems Development: CVN Integrated Test Team (ITT) CS Delivery		1	2018	1	2018
Systems Development: Transportable CVN CS for ITT		4	2017	4	2017
Systems Development: CVN Fleet CS Delivery		3	2018	3	2018
Systems Development: CVN Air System (AS) CS Delivery		3	2016	3	2016
Systems Development: Deployable CS/Integration/Clean-up CS		3	2015	1	2019
Systems Development: Deployable ITT CS Delivery		4	2018	4	2018
Systems Development: Deployable Fleet Deployable CS Delivery		1	2019	1	2019
Systems Development: Fixed CS/Integration/Clean-up CS		2	2016	4	2019
Systems Development: Fixed ITT CS Delivery		3	2018	3	2018
Systems Development: Fixed Fleet CS Delivery		4	2019	4	2019
Systems Development: Software (SW) Development/SW Testing/Technology Refresh/SW Integration		2	2014	4	2020
Systems Development: CVN Segment: Ship Change Document (SCD) Development/Installation Plan/Verification		1	2014	1	2019
Systems Development: CVN Segment: CVN Program of Record (PoR) Engineering Change Proposals (ECP)		1	2015	4	2015
Systems Development: Installations: Ship Installation		3	2015	4	2020
Test and Evaluation: Developmental Test: Flight Test		1	2020	4	2020