Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy											DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*					R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*							
COST ($ in Millions)	**All Prior Years**	**FY 2012**	**FY 2013#**	**FY 2014 Base**	**FY 2014 OCO ##**	**FY 2014 Total**	**FY 2015**	**FY 2016**	**FY 2017**	**FY 2018**	**Cost To Complete**	**Total Cost**
Total Program Element	50.575	8.294	5.301	5.257	-	5.257	5.743	3.906	3.912	3.928	Continuing	Continuing
2467: *UAV Conops*	47.211	6.721	5.301	5.257	-	5.257	5.743	3.906	3.912	3.928	Continuing	Continuing
2910: *Joint Tech Center/System Integ Lab*	3.364	1.573	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	4.937

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

This program element funds efforts to develop Concept of Operations in support of the Navy's overall Unmanned Aircraft System (UAS) strategy integrating UASs into the Chief of Naval Operations Navy Vision of Sea Power 21 (Sea Shield, Sea Strike, Sea Basing, and FORCEnet). Also funds Navy's contribution supporting the Joint Technology Center/System Integration Laboratory providing experimentation for Unmanned Aerial Vehicle technology assessment, insertion, demonstration, transfer, as well as simulation and exercise support.

This program is funded under ADVANCED COMPONENT DEVELOPMENT AND PROTOTYPES because it includes all efforts necessary to evaluate integrated technologies, representative models or prototype systems in a high fidelity and realistic operating environment.

B. Program Change Summary ($ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	5.944	5.301	1.189	-	1.189
Current President's Budget	8.294	5.301	5.257	-	5.257
Total Adjustments	2.350	0.000	4.068	-	4.068
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	2.350	0.000			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	0.000	0.000	4.496	-	4.496
• Rate/Misc Adjustments	0.000	0.000	-0.428	-	-0.428

Change Summary Explanation

Technical: Not applicable.

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy	DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 ITEM NOMENCLATURE** PE 0603261N: *Tactical Airborne Reconnaissance*

Schedule: Not applicable.

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*	PROJECT 2467: *UAV Conops*	

COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
2467: *UAV Conops*	47.211	6.721	5.301	5.257	-	5.257	5.743	3.906	3.912	3.928	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0		0	0	0	0	0		

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

The Naval Unmanned Aircraft Systems (UAS) Strategy employs a family of UASs to perform tactical, persistent and penetrating Intelligence, Surveillance, and Reconnaissance in support of Naval and Joint missions from forward bases/platforms and naval ships.

In support of the Navy's overall UAS strategy, this program develops Concept of Operations (CONOPS) that integrate UASs into the Chief of Naval Operations Navy Vision of Sea Power 21 (Sea Shield, Sea Strike, Sea Basing, and FORCEnet). By providing fleet input based on current operations with UASs in a simulated combat environment, this CONOPS development investment is the foundation of how the Carrier Strike Group and the Expeditionary Strike Group will operate a combined Manned and Unmanned Naval Air Force. This program establishes the common architecture, including Command & Control, for all unmanned systems to support and inform CONOPS development. This effort provides for a cross-program view of Naval Unmanned Systems and is the entry point for OSD and other services for commonality and interoperability. Specifically:

- Provides studies and demonstrations in support of the Naval UAS Family of Systems (FoS) CONOPS development.
- Horizontally integrates across the Naval UAS FoS for the Naval Aviation Enterprise through interoperability and common system solutions.
- Develops the Naval UAS FoS Architecture to support integration into the Naval Unmanned Systems Cross Functional Team.
- Provides Naval support for development of Standards across Department of Defense (DoD) UASs and North Atlantic Treaty Organization, emphasizing standardization and interoperability.
- Conducts CONOPS studies, demonstrations, and exercises for Vehicle Control, Targeting, and weapons, sensor, and payload employment.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Title: Studies and Demonstrations	0.602	0.801	1.031
Articles:	0	0	0
Description: Studies and demonstrations to develop CONOPS for manned-unmanned integration of UAS and aircraft systems. Build a UAS simulation environment for Modeling and Simulation of common UAS components in representative battlespace architectures.			
FY 2012 Accomplishments:			

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*	PROJECT 2467: *UAV Conops*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Continued development of the UAS modeling and simulation of Fleet CONOPS Scenarios. ***FY 2013 Plans:*** Continued development of the UAS modeling and simulation of Fleet CONOPS Scenarios. ***FY 2014 Plans:*** Conduct studies, demonstations, and testing to validate the Naval Interoperability profiles. Provide government engineering support, program office travel, and contract support services.			
Title: Shipboard CONOPS ***Articles:*** ***Description:*** Conduct studies, demonstrations, and exercises. Validate the Naval Interoperability Profiles. ***FY 2012 Accomplishments:*** Conducted studies, demonstrations, and exercises to validate the Naval Interoperability profiles. ***FY 2013 Plans:*** Conducted studies, demonstrations, and exercises to validate the Naval Interoperability profiles.	0.500 0	0.500 0	0.000
Title: Engineering and Program Support ***Articles:*** ***Description:*** Provide government engineering support, program office travel, and contract support services for Naval Unmanned Systems Cross Functional Team, OSD Unmanned Aircraft Systems (UAS) task force and other services on common UAS solutions. ***FY 2012 Accomplishments:*** Provided government engineering support, program office travel, and contract support services for Naval Unmanned Systems Cross Functional Team, OSD UAS task force and other services on common UAS solutions. ***FY 2013 Plans:*** Provide government engineering support, program office travel, and contract support services for Naval Unmanned Systems Cross Functional Team.	0.881 0	0.924 0	0.000
Title: NATO Standardization Agreements and Interoperability ***Articles:***	1.161 0	1.076 0	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*	PROJECT 2467: *UAV Conops*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Description: Conduct Concept of Operations studies for interoperability and development of standards across Naval Unmanned Systems and NATO emphazing standardization and interoperability. Continue to develop Unmanned System Interoperability profiles and Navy implementation conventions for Naval UAS Family of Systems Architecture. ***FY 2012 Accomplishments:*** Continued development of standards across Naval Unmanned Systems and NATO emphasizing standardization and interoperablity. Continued to develop Unmanned System Interoperability profiles and Navy implemenation conventions for Naval Unmanned Aircraft Systems (UAS) Family of Systems (FOS) Architecture. ***FY 2013 Plans:*** Continue development of standards across Naval Unmanned Systems and NATO emphasizing standardization and interoperablity. Continue to develop Unmanned System Interoperability profiles and Navy implemenation conventions for Naval Unmanned Aircraft Systems Family of Systems Architecture.			
Title: Architecture Support /Common Ground Station ***Articles:*** ***Description:*** Develop a Joint Service revision and configuration management of UAS interoperability profiles and Joint Common Ground Station Architecture and related government engineering support. ***FY 2012 Accomplishments:*** Supported the revision and configuration management of UAS interoperability profiles and Joint Common Ground Station Architecture and related government engineering support. ***FY 2013 Plans:*** Support the revision and configuration management of UAS interoperability profiles and Joint Common Ground Station Architecture and related government engineering support. ***FY 2014 Plans:*** Continue to develop a Joint Service revision and configuration management of UAS interoperability profiles and Joint Common Ground Station Architecture and related government engineering support.	1.977 0	2.000 0	2.000 0
Title: Naval Interoperability & Standardization ***Articles:*** ***Description:*** Increase Naval Unmanned Systems interoperability emphasizing Naval, Joint Service, and international standardization	1.600 0	0.000	2.226 0

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*	PROJECT 2467: *UAV Conops*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
FY 2012 Accomplishments: Developed a single user evaluation system for a Naval Unified Targeting System (NUTS). ***FY 2014 Plans:*** Develop Unmanned Systems Interoperability profiles and Navy implementation conventions for Naval UAS FOS Architecture. Support OSD Joint Service and NATO coalition interoperability efforts. Provide government engineering support, program office travel, and contract support services.			
Accomplishments/Planned Programs Subtotals	6.721	5.301	5.257

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

The program office will leverage existing Government facilities (e.g., Joint Technology Center/System Integration Laboratory and Naval UAS Program of Record assets as available) to develop and demonstrate Naval UAS CONOPS. Government engineering support will be used for Modeling and Simulation efforts.

E. Performance Metrics

UAS operations and interoperability for systems delivered to the warfighter are continually improved upon increasing the level of integration, standardization and effective employment in maritime battle space dominance.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*	PROJECT 2467: *UAV Conops*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Ship Integration	C/CPFF	L-3 Titan:Marlton, NJ	7.012	0.807	Jan 2012	1.167	Jan 2013	0.828	Jan 2014	-		0.828	0.000	9.814	9.814
Systems Engineering	WR	NAWCAD:Pax River, MD	2.332	0.179	Dec 2011	0.424	Dec 2012	0.551	Dec 2013	-		0.551	Continuing	Continuing	Continuing
Systems Eng Test Tool	TBD	CSCI:Sringfield, VA	0.000	0.550	Mar 2013	0.000		0.000		-		0.000	0.000	0.550	0.550
Prior year Prod Dev no longer funded in the FYDP	Various	Various:Various	2.800	0.000		0.000		0.000		-		0.000	0.000	2.800	2.800
		Subtotal	12.144	1.536		1.591		1.379		0.000		1.379			

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support	Various	Various:Various	13.365	0.323	Jan 2012	0.280	Jan 2013	0.191	Dec 2013	-		0.191	Continuing	Continuing	Continuing
Software Development	MIPR	JTC/SIL:Redstone Arsenal, AL	5.808	1.977	Mar 2012	2.000	Mar 2013	2.000	Mar 2014	-		2.000	Continuing	Continuing	Continuing
Studies & Analysis	WR	NAWCWD:China Lake, CA	2.436	0.394	Dec 2011	0.000		0.000		-		0.000	0.000	2.830	2.830
Studies & Demonstrations	WR	NAWCAD:Pax River, MD	2.981	0.178	Dec 2011	0.423	Dec 2012	0.492	Dec 2013	-		0.492	Continuing	Continuing	Continuing
		Subtotal	24.590	2.872		2.703		2.683		0.000		2.683			

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Interoperability	WR	NAWCWD:China Lake, CA	2.402	0.225	Dec 2011	0.000		0.000		-		0.000	0.000	2.627	2.627
		Subtotal	2.402	0.225		0.000		0.000		0.000		0.000	0.000	2.627	2.627

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*	PROJECT 2467: *UAV Conops*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Engineering Support	Various	Various:Various	5.196	0.437	Dec 2011	0.424	Dec 2012	0.605	Dec 2013	-		0.605	Continuing	Continuing	Continuing
Program Management Support	Various	Various:Various	2.460	0.559	Dec 2011	0.533	Dec 2012	0.540	Dec 2013	-		0.540	Continuing	Continuing	Continuing
Travel	WR	NAVAIR HQ:Pax River, MD	0.419	0.042	Nov 2011	0.050	Nov 2012	0.050	Nov 2013	-		0.050	Continuing	Continuing	Continuing
Government Engineering Support	WR	NAWCWD:China Lake, CA	0.000	1.050	Oct 2012	0.000		0.000		-		0.000	0.000	1.050	1.050
		Subtotal	8.075	2.088		1.007		1.195		0.000		1.195			

Remarks

Travel contract type is TO.

	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	47.211	6.721		5.301		5.257		0.000		5.257			

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Navy		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 ITEM NOMENCLATURE** PE 0603261N: *Tactical Airborne Reconnaissance*	**PROJECT** 2467: *UAV Conops*

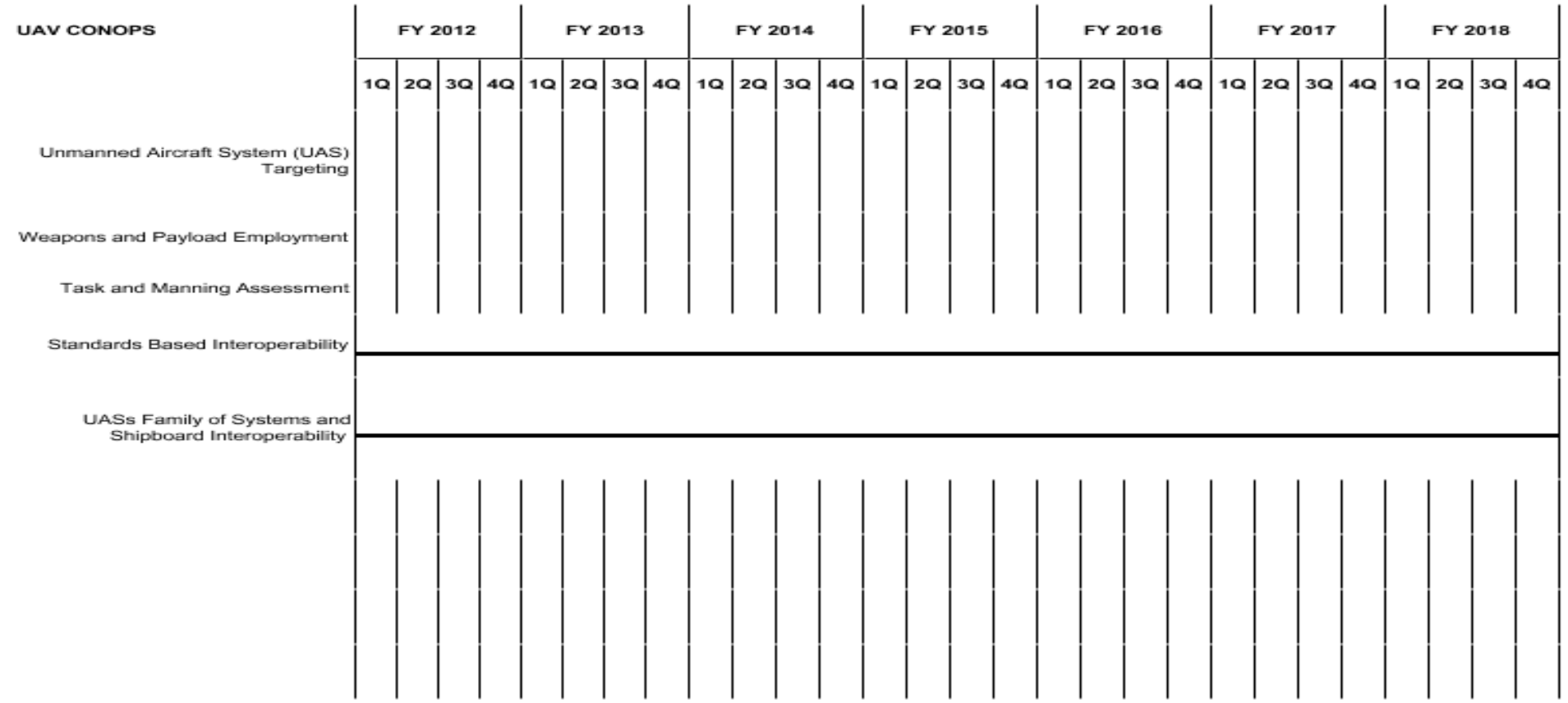

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Navy		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	**R-1 ITEM NOMENCLATURE** PE 0603261N: *Tactical Airborne Reconnaissance*	**PROJECT** 2467: *UAV Conops*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
UAV CONOPS				
Standards Based Interoperability: Standards Based Interoperability	1	2012	4	2018
UASs Family of Systems and Shipboard Interoperability: UASs Family of Systems and Shipboard Interoperability	1	2012	4	2018

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*	PROJECT 2910: *Joint Tech Center/System Integ Lab*	

COST ($ in Millions)	All Prior Years	FY 2012	FY 2013#	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
2910: *Joint Tech Center/System Integ Lab*	3.364	1.573	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	4.937
Quantity of RDT&E Articles	0	0	0	0		0	0	0	0	0		

FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

Joint Technology Center/Systems Integration Laboratory (JTC/SIL) is a center of technical excellence to support Unmanned Aircraft Systems (UAS) programs within the services. The mission includes Service-specific and Joint Command, Control, Communications, Computers and Intelligence, Surveillance, and Reconnaissance (C4ISR) programs throughout Department of Defense (DoD). JTC/SIL provides a Government test bed for interoperability, rapid prototyping, technology insertion and transition, systems engineering, modeling/simulation, training and C4ISR optimization. The cornerstone of JTC/SIL's diverse tool set is the Multiple Unified Simulation Environment (MUSE), which is the DoD's simulation/training system of choice for many UAS and Intelligence Surveillance and Reconnaissance (ISR) systems, and to some degree, surrogate UAS ground stations, when actual UAS ground stations are unavailable.

The Services and Warfighting Commanders have a requirement for the capability to train with a system that provides a real-time simulation environment containing multiple intelligence systems that can be integrated with larger force-on-force simulations. The MUSE creates a realistic operational environment which supports the ability to assess military utility, architecture and Concept of Operations development, and Tactics, Techniques, and Procedures refinement, conduct emerging concepts experimentation, and optimize C4ISR within warfighting exercises and experiments. It is the preferred simulation system used by the Combat Commanders and Joint Services to support command and battle staff C4ISR training, there is no better alternative to satisfy those requirements.

The MUSE also creates a realistic operational environment that supports: an embedded training capability for multiple Program Managers, tools to minimize acquisition and life cycle cost and schedule impacts, the ability to conduct emerging concepts experimentation, future systems exploration, systems integration, and technology insertion, applications for Joint and Service-specific warfighting exercises and C4ISR optimization.

MUSE is currently in use within all services and most unified commands simulating Predator, Global Hawk (RQ-4), Extended Range Multi-Purpose, Hunter, and Shadow (RQ-7) UAS, national and commercial satellite collectors, P-3, Joint Surveillance Target Attack Radar, and the U-2. During warfighting exercises, the JTC/SIL integrates imagery simulations with associated C4ISR systems to support execution of critical imagery processes. For those assets normally not available for training, the JTC/SIL provides surrogate systems and interfaces. Distributed training environments, virtually linking participants from various locations worldwide, are routinely supported within the MUSE architecture. The MUSE is also used as a mission rehearsal tool for current, on-going military combat operations.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Title: MUSE Development	0.777	0.000	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*	PROJECT 2910: *Joint Tech Center/System Integ Lab*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Articles:	0		
Description: Multiple Unified Simulation Environment (MUSE) creates a realistic operational environment which supports the ability to assess military utility, architecture and Concept of Operations development, Tactics, Techniques, and Procedures refinement, conduct emerging concepts experimentation, and Command, Control, Communications, Computers and Intelligence, Surveillance, and Reconnaissance optimization within warfighting exercises and experiments. ***FY 2012 Accomplishments:*** Developed multi-echelon MUSE Unmanned Aircraft System and manned Intelligence, Surveillance, and Reconnaissance integrated training environments that incorporate command and staff and initial qualification and proficiency trainers. Maintained MUSE simulation capability to support major exercises and demonstrations. Continued development of Laser Designator, Laser Range finding, Autotrack, Weaponization, enhanced Synthetic Aperture Radar, and Ground Moving Target Indicator capability. Upgrade National Space Assets enhancements, Command, Control, Communications, Computers and Intelligence enhancements, and enhancements to the Vignette Planning and Rehearsal Software.			
Title: Engineering and Maintenance	0.500	0.000	0.000
Articles:	0		
Description: Maintenance, Licenses and Equipment Purchases to include the day-to-day maintenance of laboratory equipment, license maintenance and license renewals from vendors for individual pieces of equipment, purchases of equipment to support the MUSE, and purchases to upgrade the MUSE capability. ***FY 2012 Accomplishments:*** Continued the maintenance and upkeep of the MUSE facility.			
Title: Program Management	0.296	0.000	0.000
Articles:	0		
Description: Includes government management, contracts administration, cost accounting, configuration management, laboratory administrative support, Multiple Unified Simulation Environment architecture development, property management/accountability, and equipment procurement. ***FY 2012 Accomplishments:*** Continued Laboratory Sustainment with government management and overhead support services, architecture development and equipment purchases.			
Accomplishments/Planned Programs Subtotals	1.573	0.000	0.000

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*	PROJECT 2910: *Joint Tech Center/System Integ Lab*

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

Established for the DoD family of Unmanned Aircraft Systems (UAS) as a center of technical excellence for tactical, medium altitude endurance and future UASs to provide a cost-effective testbed for UAS technology assessment, insertion, demonstration, and transfer. Joint Technology Center/Systems Integration Laboratory (JTC/SIL) technical experts serve as facilitators of action for Program Executive Offices and UAS Program Managers as well as the respective users and prime contractors.

E. Performance Metrics

Improve the assessment of military utility, Tactics, Techniques and Procedures and Command, Control, Communications, Computers and Intelligence, Surveillance, and Reconnaissance optimization through realistic training of command and battle staffs.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 4: *Advanced Component Development & Prototypes (ACD&P)*	R-1 ITEM NOMENCLATURE PE 0603261N: *Tactical Airborne Reconnaissance*	PROJECT 2910: *Joint Tech Center/System Integ Lab*	

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development	C/CPFF	JTC/SIL:Redstone Arsenal, AL	2.622	1.277	Mar 2012	0.000		0.000		-		0.000	0.000	3.899	3.899
		Subtotal	2.622	1.277		0.000		0.000		0.000		0.000	0.000	3.899	3.899

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Engineering Support	MIPR	JTC/SIL:Redstone Arsenal, AL	0.742	0.296	Dec 2011	0.000		0.000		-		0.000	0.000	1.038	1.038
		Subtotal	0.742	0.296		0.000		0.000		0.000		0.000	0.000	1.038	1.038

	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	3.364	1.573		0.000		0.000		0.000		0.000	0.000	4.937	4.937

Remarks