

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Office of Secretary Of Defense **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 6: <i>RDT&E Management Support</i>	R-1 ITEM NOMENCLATURE PE 0605170D8Z: <i>Support to Networks and Information Integration</i>
--	---

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	0.000	9.119	6.307	6.301	-	6.301	6.148	5.956	5.956	5.975	Continuing	Continuing
001: <i>Command Information Superiority Architecture</i>	0.000	1.086	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1.086
002: <i>Defense Architecture Repository</i>	0.000	1.215	1.108	1.107	-	1.107	1.080	1.046	1.046	1.049	Continuing	Continuing
003: <i>Integrated Planning and Management</i>	0.000	1.933	1.783	1.781	-	1.781	1.738	1.684	1.684	1.690	Continuing	Continuing
004: <i>Support to NII Mission Requirements</i>	0.000	4.885	3.416	3.413	-	3.413	3.330	3.226	3.226	3.236	Continuing	Continuing

[#] 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 supports studies and analysis in the areas of networks, information integration, defense-wide command and control (C2), and communications. This program is funded under Budget Activity 6, RDT&E Management Support because it includes studies and analysis in support of RDT&E efforts.

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	9.122	6.307	6.301	-	6.301
Current President's Budget	9.119	6.307	6.301	-	6.301
Total Adjustments	-0.003	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustment	-0.003	-	-	-	-

Change Summary Explanation

Program Change Summary:

FY 2012: Program Adjustment -0.003 million.

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Office of Secretary Of Defense		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 6: RDT&E Management Support		R-1 ITEM NOMENCLATURE PE 0605170D8Z: Support to Networks and Information Integration
FY 2013: No change. FY 2014: No change.		

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 6: RDT&E Management Support					R-1 ITEM NOMENCLATURE PE 0605170D8Z: Support to Networks and Information Integration				PROJECT 001: Command Information Superiority Architecture			
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
001: Command Information Superiority Architecture	0.000	1.086	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	1.086
Quantity of RDT&E Articles												
# 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 CISA program provides a structured planning process based on Information Technology (IT) best business practices to define current and objective capabilities for IT support to assigned missions in a net-centric environment. CISA is the DoD program that provides architectures in compliance with the Clinger-Cohen Act, OMB Circular A-130, E-Gov Act and other related higher level guidance from the Federal CIO Council and the Federal Enterprise Architecture Program Management Office, which mandates the development and use of architectures as validation for IT investment decisions. The CISA program supports the development of architectural standard tools and systems. Develop and maintain key GIG policy and guidance documents that drive the acquisition, transition to and operation of a net-centric GIG; the implementation of policy/guidance through a set of critical supporting activities such as IT standards management, and DoD transition to Internet Protocol version 6 (IPv6); Real Time Service and IP convergence and enforcing policy through key enterprise governance mechanisms. Review and assess Command and Control, Computers, Communications and Intelligence Support Plans / Information Support Plans for the DoD CIO, identifying interoperability, supportability, net-centric and integration issues.												
B. Accomplishments/Planned Programs (\$ in Millions)										FY 2012	FY 2013	FY 2014
Title: Command Information Superiority Architectures Accomplishments and Plans										1.086	0.000	0.000
FY 2012 Accomplishments: - Provided DoD Enterprise Architecture strategy, policy, oversight, and guidance - Delivered DoD Information Enterprise Architecture Version 2.0 - Delivered DoD Architecture Framework Version 2.02 - Provided NDAA FY12 Section 2867 DoD Performance Plan for Data Center Consolidation and Computing Infrastructure.												
FY 2013 Plans: This program was terminated as a result of a Department efficiency.												
FY 2014 Plans: n/a												
Accomplishments/Planned Programs Subtotals										1.086	0.000	0.000

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 6: <i>RDT&E Management Support</i>	R-1 ITEM NOMENCLATURE PE 0605170D8Z: <i>Support to Networks and Information Integration</i>	PROJECT 001: <i>Command Information Superiority Architecture</i>
C. Other Program Funding Summary (\$ in Millions) N/A Remarks D. Acquisition Strategy N/A E. Performance Metrics CISA Performance is based on the number of initiatives that transition to the net-centric environment to support operations. Measures include: - Timely development and issuance of policy, guidance, processes, and technologies to build, populate, govern, operate, and protect the Network. - Policies developed and issued for GIG design, architecture content management, implementation, and operations.		

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE				PROJECT			
0400: Research, Development, Test & Evaluation, Defense-Wide BA 6: RDT&E Management Support					PE 0605170D8Z: Support to Networks and Information Integration				002: Defense Architecture Repository			
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
002: Defense Architecture Repository	0.000	1.215	1.108	1.107	-	1.107	1.080	1.046	1.046	1.049	Continuing	Continuing
Quantity of RDT&E Articles												

[#] 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

DARS is the Department's enterprise registry, catalog and navigation map for enterprise architecture. It serves as the Department's primary catalog of architecture data holdings and provides users the ability to register holdings metadata and search, retrieve, and use DoD architecture data in federated architecture data repositories across DoD. DARS provides a key component of the Department's net-centric data management capability by federating enterprise architecture data across the Department. It enables alignment of program architecture components with the Federal Enterprise Architecture Business Reference Model - consistent with OMB directives for exhibit 300s - via the DoD Business Reference Model. DARS implements a federated search capability and metadata catalog that will interoperate with the Department's Net-Centric Enterprise Discovery Service and enterprise content metadata catalog. Architecture metadata is searchable using the DARS federated discovery web service. The discovery search results provide links to architecture data that is retrievable based on user roles and access permissions. Implementations are accessible on both the NIPRNET (unclassified) and SIPRNET (Collateral Classified). Key features of the DARS program focus on: (1) Making architecture data visible, accessible, trusted, understandable, and interoperable (2) enabling reuse of validated architecture data to build "composite" integrated architectures; (3) enabling architecture analysis; and, (4) integrating architecture data into the DoD mainstream decision-making processes. The Department of the Air Force, Army, and Navy CIO's are collaborating in the development of DARS federation web services via the Federated Joint Architecture Working Group under the auspices of the DoD Enterprise Architecture Summit to ensure DoD-wide access to and usability of all components of the composite DoD enterprise architecture model.

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2012	FY 2013	FY 2014
Title: DARS Accomplishments and Plans	1.215	1.108	1.107
FY 2012 Accomplishments: - Delivered DARS Architecture - Delivered Web online Architecture management, measurement - Linked all architectures to the Enterprise Architecture Core Table Graphic - Deliver /approve DARS Functional Capability Document - Delivered enterprise-level operational support for the DoD Architecture Registry System. - Refine requirements and processes to effectively expose existing architectures for reuse. - Developed Transition Plan for DARS to Operational Command			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense		DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 6: <i>RDT&E Management Support</i>		R-1 ITEM NOMENCLATURE PE 0605170D8Z: <i>Support to Networks and Information Integration</i>	PROJECT 002: <i>Defense Architecture Repository</i>
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013
- Provided NDAA FY12 Section 2867 DoD Performance Plan for Data Center Consolidation and Computing Infrastructure. FY 2013 Plans: - Continue enterprise-level operational support for the DoD Architecture Registry System. - Continue to work with DoD Component to refine requirements and processes to effectively expose existing architectures for reuse. - Continue to expand and refine DARS to accommodate registration /federation requirements. - Integration of DARS data services into the "Core Enterprise Services". - Transition DARS support to Operational Command. FY 2014 Plans: - Expand and refine DARS to accommodate Registration /Federation requirements across the entire DoD. - Integration of DARS data services into the "Core Enterprise Services". - Support to Operational Command Agency servicing DARS.			
Accomplishments/Planned Programs Subtotals		1.215	1.108
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy N/A			
E. Performance Metrics DARS Performance Metrics: - Timely development and issuance of policy, guidance, processes, and technologies to build, populate, govern, operate, and protect the Network. - Policies developed and issued for GIG design, architecture content management, implementation, and operations.			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE				PROJECT			
0400: Research, Development, Test & Evaluation, Defense-Wide BA 6: RDT&E Management Support					PE 0605170D8Z: Support to Networks and Information Integration				003: Integrated Planning and Management			
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
003: Integrated Planning and Management	0.000	1.933	1.783	1.781	-	1.781	1.738	1.684	1.684	1.690	Continuing	Continuing
Quantity of RDT&E Articles												

[#] 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 Integrated Planning and Management Project encompasses the National Leadership Command Capability (NLCC) Management Office's (NMO) responsibilities for establishing overall DoD policy and oversight with respect to the capability development, interoperability, standards, and architecture for National and Nuclear Command Capabilities for our National Leadership. The NMO serves as the single point of contact within the Department for policy, long-range plans, programs and budget, integrated mission advocacy, and management of decision-maker capabilities. NMO's objective is to ensure capabilities are in place to provide complete and timely situational awareness and decision tools for senior decision-makers. Additionally, the NMO assists the DoD CIO as the Executive Agent and primary OSD advocate for the White House Military Office with oversight of a wide range of DoD command and control and communications (C3) assets and oversees the efforts of the Services and Agencies in the design, integration, and deployment of critical and sensitive C3 capabilities. Three overall areas of focus include: 1) National Senior Leader C3 Systems, Emergency Preparedness, DoD support to Civil Authorities; Continuity of Government (COG); 2) Nuclear C2, Integrated Missile Defense, Tactical Warning, Global Strike; and 3) Cyber Mission Indications and Warnings.

B. Accomplishments/Planned Programs (\$ in Millions)

Title: Integrated Planning and Management	FY 2012	FY 2013	FY 2014
	1.933	1.783	1.781
FY 2012 Accomplishments:			
- Further established and formalized a testing and analysis functionality for National and Nuclear C2 voice conferencing. This functionality has conducted a number of testing exercises, called Phantom Signal testing, during FY12. These testing exercises have included tests on national and nuclear platforms and at critical facilities. Tests are focused both on root cause analysis as well as modernization verification and systems validation.			
- Developed policy and a supporting implementation strategy for Senior Leader Secure Communications Modernization. The policy was originally established as a DTM, but is currently being staffed through the 106 process in order to become a DoDI with DepSecDef signature. This policy and supporting strategy outlines a number of milestones and activities across mobile, fixed and airborne operating environments for communications modernization for Presidential and Tier I/II senior principal leadership.			
- Helped establish an NLCC-focused Secure Communications Assessment Network (SeCAN) Testbed for the testing of legacy systems and validation of modernization paths. This testbed leverages UARC research and development talents and integrates across multiple government organizations (to include DoD CIO, DISA, NSA, EOP, WHMO, WHCA, and others) in order to develop and provide a validated path towards organizational implementation of secure (fixed and mobile) communication solutions.			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense		DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 6: <i>RDT&E Management Support</i>		R-1 ITEM NOMENCLATURE PE 0605170D8Z: <i>Support to Networks and Information Integration</i>	PROJECT 003: <i>Integrated Planning and Management</i>	
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2012	FY 2013
- Provided systems engineering and integration support to the NSA Fishbowl Commercial Solutions For Classified (CSFC) project. Ensured Senior Leader requirements were collected and being represented in the end, fixed and wireless, solution. - Conducted an assessment of Senior Leader Wideband Airborne Communication systems. Developed potential courses of action in order to support focus team decision making on near-, mid- and long-term solutions for SLC3S-A fixed-wing platforms. - Provided oversight, advisory and analysis on Maritime Information Systems and associated threats. - Led and facilitated the Department's National and Nuclear Cryptographic Modernization Program. Developed implementation plans, planned and coordinated supporting conferences and conducted broad organizational (to include interagency) collaboration. - Provided oversight, and collaborated with DISA and the Joint Staff, in standing-up and managing the Defense Red Switch Network Reduction Program. FY 2013 Plans: Continue Architecture, Testing Analysis and Systems Engineering support for more robust and capable leadership command information services and applications. Investigate concepts and initiate limited prototyping efforts for testing and developing robust, secure, mobile C3 and computing devices and services for senior leadership, for use across various scenarios and security environments. Specific activities planned for FY13 include: - Continue Phantom Signal testing exercises in order to improve National and Nuclear voice conferencing and decision making - Provide oversight on Senior Leader Secure Communications Modernization efforts across the Presidential and Tier I/II Senior Leader support organizations; - Continue to conduct legacy system root cause analysis in order to mitigate communication shortfalls in senior leader environments as well as the independent verification and validation of modernization approaches and solution sets within the NLCC SeCAN Testbed environment - Continue to provide oversight and engineering and integration support to the NSA Fishbowl project in order to deliver secure commercial mobile devices and solutions for senior leadership - Continue to investigate and provide oversight on the implementation of senior leader wideband airborne communications. - Continue to work with and provide oversight to the Navy and other organizations on Maritime Information Systems advisory and modernization - Further build-out the Defense Red Switch Network Reduction IPT and provide roadmaps for transitioning to IP-based technologies; Further work with NLCC community in modernizing the NLCC architecture and developing modernization approaches to ensure no loss of capabilities FY 2014 Plans: - Continue Architecture, Testing Analysis and Systems Engineering to ensure command information services and applications are validated and provide assured communications in support of senior leadership.				

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense		DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 6: <i>RDT&E Management Support</i>		R-1 ITEM NOMENCLATURE PE 0605170D8Z: <i>Support to Networks and Information Integration</i>	PROJECT 003: <i>Integrated Planning and Management</i>
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013
- Continue to investigate concepts and initiate limited prototyping efforts for testing and developing robust, secure, mobile C3 and computing devices and services for senior leadership, for use across various scenarios and security environments. - Continue to carry-out Phantom Signal testing and validation activities as well as provide oversight and adjustments on the Senior Leader Secure Communications Modernization Implementation Strategy. - Funding plans include support to maintaining a flexible and dynamic testbed environment for senior leader solutions and infrastructure advancement validation. Other plans include finalizing NLCC modernization approaches and architectures (and implementations, where appropriate) for IP-based end-to-end solutions.			
Accomplishments/Planned Programs Subtotals		1.933	1.783
C. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
D. Acquisition Strategy N/A			
E. Performance Metrics C2 Integrated Planning & Management Performance Metrics: - Successfully develop, coordinate, and publish DOD C2 policies and operational concepts. - Establishment of an information integration and decision portfolio of C2 services and applications to demonstrate selected capabilities. - Development of Dynamic Operational Communities of Interest services based on the capabilities provided by the NCES Program. - Establishment of an ontological framework and XML data model to permit the meta-tagging of information integration decision portfolio data at the strategic and national C2 level in a manner consistent with other DoD data strategies and modeling efforts.			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 0400: Research, Development, Test & Evaluation, Defense-Wide BA 6: RDT&E Management Support					R-1 ITEM NOMENCLATURE PE 0605170D8Z: Support to Networks and Information Integration				PROJECT 004: Support to NII Mission Requirements			
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
004: Support to NII Mission Requirements	0.000	4.885	3.416	3.413	-	3.413	3.330	3.226	3.226	3.236	Continuing	Continuing
Quantity of RDT&E Articles												
# 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 supports studies and analyses in the areas of networks, information integration, defense-wide command and control (C2), and communications.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2012	FY 2013	FY 2014	
Title: Support to NII Mission Requirements									4.885	3.416	3.413	
FY 2012 Accomplishments: 3.384 million for Global Positioning System (GPS) User Equipment Synchronization to conduct DoD CIO oversight of Global Positioning System (GPS) management and planning activities required for the National Space-Based Positioning, Navigation and Timing Executive Committee:: - Developed International Supplement to GPS Security Policy for entry into SD 106 process (DODI 4650.0xx) - Executed Information Assurance/COMSEC Supplement to GPS Security Policy and entered into SD 106 review process (DODI 4650.0yy) - Developed revised GPS Security Policy for entry into SD 106 review process (DODI 4650.0zz) - Tied DoD user data and populated GPS Protection Profile matrix from Navigation Warfare Concept of Operations DODI 4650.0x into Warfighting Operations Plans (OPLANS) and Contingency Plans (CONPLANS) in coordination with US STRATCOM - Authored draft PNT Navigation Warfare Annexes to all the Operations Plans (OPLANS) and Contingency Plans (CONPLANS) in coordination with US STRATCOM; under review for USSTRATCOM publication - Completing Navigation Warfare (NAVWAR) AoA - Continued developing NextGen interfaces with the GPS Wing, Joint Program Development Office (JPDO), Air Force, and Policy Board for Federal Aviation (PBFA) - Continued implementation of Red Key Sundown Policy - Conducted studies and programmatic analysis of activities involving OCX, MGUE, and GPS III contract activities - Provided staff support, performed research and conducted studies as directed by DEPSECDEF in his role as co-chair of the National Executive Committee for Space-Based PNT and for DoD CIO as co-chair of the Executive Steering Group - Performed annual update of National Five-year Plan for Space-Based Positioning, Navigation and Timing (PNT) - Drafted, coordinated, and published the 2012 edition of the Federal Radionavigation Plan (FRP)												

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense		DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 6: <i>RDT&E Management Support</i>	R-1 ITEM NOMENCLATURE PE 0605170D8Z: <i>Support to Networks and Information Integration</i>	PROJECT 004: <i>Support to NII Mission Requirements</i>	
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013
- Applied Navigation Warfare Concept of Operations DODI 4650.0x via the Joint Navigation Warfare Center (JNWC) and US STRATCOM to develop Doctrine, Tactics, Techniques and Procedures, Training, Equipment Validation and Material Solutions to Navigation Warfare challenges to the Military Services and Combatant Commanders in the scenarios defined in the CONPLANS and OPLANS. \$1.501 million - Command and Control Research: - Continued to pursue research on new approaches to military and civil-military command and control suitable for 21st Century coalition operations including stability and reconstruction. - Completed the second phase of a research effort, in collaboration with allies and NATO partners, that defines Agility in the context of entity and collective focus and convergence - Supported DoD organizations in the design and conduct of C2-related experimentation - Continued to work with the DoD community and international partners to improve the understanding of Information Age command and control related concepts, technologies, and experiments. - Conducted workshops to explore command and control related issues. FY 2013 Plans: \$3.416 million for Global Positioning System (GPS) User Equipment Synchronization to conduct DoD CIO oversight of Global Positioning System (GPS) management and planning activities required for the National Space-Based Positioning, Navigation and Timing Executive Committee. Funding will support: - Implement and manage the International Supplement to GPS Security Policy DODI 4650.0x - Implement and manage the Information Assurance/COMSEC Supplement to GPS Security Policy DODI 4650.0x - Implement and manage the GPS Security Policy DODI 4650.0xx - Implement the GPS Protection Profile matrix from Navigation Warfare Concept of Operations DODI 4650.0x in conjunction with Warfighting Operations Plans (OPLANS) and Contingency Plans (CONPLANS) in coordination with US STRATCOM - Implement and manage PNT Navigation Warfare Annexes to all the Operations Plans (OPLANS) and Contingency Plans (CONPLANS) in coordination with US STRATCOM - Continue developing NextGen interfaces with the GPS Wing, Joint Program Development Office (JPDO), Air Force, and Policy Board for Federal Aviation (PBFA) - Continue implementation of Red Key Sundown Policy - Conduct studies and programmatic analysis of activities involving OCX, MGUE, and GPS III contract activities - Provide staff support, perform research and conduct studies as directed by DEPSECDEF in his role as co-chair of the National Executive Committee for Space-Based PNT and for DoD CIO in his role as co-chair of the Executive Steering Group - Perform annual update of National Five-year Plan for Space-Based Positioning, Navigation and Timing (PNT) - Begin drafting the 2014 Federal Radionavigation Plan (FRP)			

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense		DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 6: <i>RDT&E Management Support</i>	R-1 ITEM NOMENCLATURE PE 0605170D8Z: <i>Support to Networks and Information Integration</i>	PROJECT 004: <i>Support to NII Mission Requirements</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013	FY 2014
- Apply Navigation Warfare Concept of Operations DODI 4650.0x via the Joint Navigation Warfare Center (JNWC) and US STRATCOM to develop Doctrine, Tactics, Techniques and Procedures, Training, Equipment Validation and Material Solutions to Navigation Warfare challenges to the Military Services and Combatant Commanders in the scenarios defined in the CONPLANS and OPLANS. - Draft DODI 4650.xx for user equipment certification in DoD FY 2014 Plans: Global Positioning System (GPS) User Equipment Synchronization to conduct DoD CIO oversight of Global Positioning System (GPS) management and planning activities required for the National Space-Based Positioning, Navigation and Timing Executive Committee. Funding will support: - Manage the International Supplement to GPS Security Policy DODI 4650.0x - Manage the Information Assurance/COMSEC Supplement to GPS Security Policy DODI 4650.0x - Manage the GPS Security Policy DODI 4650.0xx - Continue implementation of the GPS Protection Profile matrix from Navigation Warfare Concept of Operations DODI 4650.0x in conjunction with Warfighting Operations Plans (OPLANS) and Contingency Plans (CONPLANS) in coordination with US STRATCOM -Manage PNT Navigation Warfare Annexes to all the Operations Plans (OPLANS) and Contingency Plans (CONPLANS) in coordination with US STRATCOM -Implement the recommendations of the Analysis of Alternatives for Security Control of Navigation Aids DODI 5030.x in the DoD DOTMLPF construct; manage this process via the NetCentric Operations CPM portfolio in JCIDs, DAS, and PPBE - Continue developing NextGen interfaces with the GPS Wing, Joint Program Development Office (JPDO), Air Force, and Policy Board for Federal Aviation (PBFA) - Continue implementation of Red Key Sundown Policy - Provide staff support, perform research and conduct studies as directed by DEPSECDEF in his role as co-chair of the National Executive Committee for Space-Based PNT and for DoD CIO in his role as co-chair of the Executive Steering Group - Perform annual update of National Five-year Plan for Space-Based Positioning, Navigation and Timing (PNT) - Complete drafting of the 2014 Federal Radionavigation Plan (FRP); finalize FRP - Apply Navigation Warfare Concept of Operations DODI 4650.0x via the Joint Navigation Warfare Center (JNWC) and US STRATCOM to develop Doctrine, Tactics, Techniques and Procedures, Training, Equipment Validation and Material Solutions to Navigation Warfare challenges to the Military Services and Combatant Commanders in the scenarios defined in the CONPLANS and OPLANS. - Manage and implement the DoD PNT investment strategy using the NetCentric Operations CPM portfolio to insure PNT material solutions are developed in a synchronized fashion in JCIDs, DAS, and PPBE				
Accomplishments/Planned Programs Subtotals		4.885	3.416	3.413

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Office of Secretary Of Defense		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 0400: <i>Research, Development, Test & Evaluation, Defense-Wide</i> BA 6: <i>RDT&E Management Support</i>	R-1 ITEM NOMENCLATURE PE 0605170D8Z: <i>Support to Networks and Information Integration</i>	PROJECT 004: <i>Support to NII Mission Requirements</i>
<u>C. Other Program Funding Summary (\$ in Millions)</u> N/A <u>Remarks</u> <u>D. Acquisition Strategy</u> N/A <u>E. Performance Metrics</u> PNT Performance Metrics Implement and successfully manage PNT Navigation Warfare Annexes to applicable Operations Plans (OPLANS) and Contingency Plans (CONPLANS) in coordination with the appropriate Unified Combatant Command Implement the recommendations of the Analysis of Alternatives for the CIO and DCIO C4IIC Global Positioning System (GPS) portfolio of Position, Navigation, and Timing (PNT) programs and activities Provide staff support, perform research and conduct studies as directed by the CIO and DCIO C4IIC relating to the Global Positioning System (GPS) portfolio of Position, Navigation, and Timing (PNT) programs and activities		