Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Navy										DATE: February 2011	
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 7: *Operational Systems Development*				R-1 ITEM NOMENCLATURE PE 0305208N: *Distributed Common Ground Sys*							
COST ($ in Millions)	**FY 2010**	**FY 2011**	**FY 2012 Base**	**FY 2012 OCO**	**FY 2012 Total**	**FY 2013**	**FY 2014**	**FY 2015**	**FY 2016**	**Cost To Complete**	**Total Cost**
Total Program Element	11.979	16.665	25.487	-	25.487	17.288	12.521	31.874	32.859	Continuing	Continuing
2174: *Distributed Common Ground System-Navy (DCGS-N)*	11.979	16.665	25.487	-	25.487	17.288	12.521	31.874	32.859	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Distributed Common Ground System - Navy (DCGS-N) is the Navy's portion of the Under Secretary of Defense, Intelligence (USD (I)) DCGS -N Family of Systems (FoS). The Department of Defense (DoD) has defined a DCGS architecture that will be verifiably compatible and interoperable across all of the Services' Intelligence, Surveillance and Reconnaissance (ISR) systems and operations. DCGS will access and ingest data from space borne, airborne, subsurface, and surface ISR collection assets, intelligence databases and intelligence producers. This collected data will be shared across a Joint enterprise using the DCGS Integration Backbone (DIB) to enhance access and sharing of ISR information across Joint forces through the use of common enterprise standards and services. DCGS FoS supports Joint Task Force (JTF)-level and below combat operations with critical intelligence for battle management and information dominance across the full spectrum of operations, including peace, conflict, war, and Overseas Contingency Operations (OCO). DCGS is a cooperative effort between the Services, Agencies, and DoD to provide systems capable of receiving, processing, exploiting, and disseminating data from airborne and national reconnaissance platforms. DCGS-N core components include the Analyst Work Station from the Global Command and Control System (GCCS) - Integrated Imagery and Intelligence (I3), Generic Area Limitation Environment (GALE) Lite Signal Intelligence (SIGINT), Common Geo-positioning Services (CGS), Image Product Library (IPL), Modernized Integrated Database (MIDB), Joint Concentrator Architecture (JCA) and Track Management Services.

The DCGS-N system represents the integration of: 1) The processing and exploitation of tactical and Imagery Intelligence (IMINT) and Signals Intelligence (SIGINT); 2) Precision target geopositioning, mensuration, and imagery dissemination capabilities; 3) Selected national IMINT requirements and processing capabilities from the National Geospatial-Intelligence Agency (NGA) ; and 4) Sharing of Intelligence, Surveillance, Reconnaissance and Targeting and Command and Control information via DIB and Net-Centric Enterprise Services (NCES) standards with a wide range of customers (e.g., Global Command and Control System - Maritime (GCCS-M)), Joint Mission Planning System (JMAPS), and many others.)

The DCGS-N Enterprise Node (DEN), which incorporates DCGS DIB standards, facilitates interoperability and data sharing among the DOD DCGS FoS. DCGS-N will stay abreast of evolving requirements and ensure compliance with the DOD DCGS network architecture. Engineering work is funded to migrate legacy Joint Services Imagery Processing System - Navy (JSIPS-N) capabilities to this network environment.

The Navy is focusing on establishing an ISR Enterprise way ahead that will emphasize a reach back strategy with a focus on providing intelligence products to support deployed ship and shore operations. The Navy will also initiate migration to a Service Oriented Architecture (SOA) that requires the development, integration, and testing of ISR Enterprise capability (Maritime Operations Centers (MOC) to MOC to afloat), development and migration of ISR SOA applications, and development and integration to leverage the Integrated Shipboard Network System (ISNS) strategy for a Common Computing Environment (CCE). Additionally, DCGS-N will become the focal point for migration of Maritime Domain Awareness (MDA) fusion and analysis tool applications for the Navy. As a result, the funding profile was modified to

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revise the procurement schedule, maintain the equipment support line, and focus on product improvement for migration to the CCE and support to fielded systems until replaced by DCGS-N systems.

The Navy's Integrated Imagery and Intelligence Applications (I3 Apps) are an integrated set of applications designed to support analyst workflows and tactical intelligence processing, providing a useful integration framework to ensure joint intelligence interoperability across the GCCS and DCGS enterprise. Development of I3 applications includes end to end intelligence analysis applications that leverage the MIDB and integration with NGA-provided digital map and imagery systems. I3 imagery applications provide for archiving, viewing and measurement of still and video images. The Navy's I3 effort is part of the Military Intelligence Program (MIP), managed by the Secretary of Defense through the Assistant Secretary of Defense for Command, Control, Communications, Computers and Intelligence.

Joint Service Imagery Processing System - Navy (JSIPS-N) tech refresh and service life extension upgrades provide shipboard digital imagery capability to receive, exploit, store, and disseminate imagery products based on national, theater, and tactical sensors. JSIPS-N service life extension is comprised of five subsystems: Joint Concentrator Architecture (JCA), Common Geo-positioning Service (CGS), Image Product Library (IPL), Imagery Exploitation Support System (IESS), and the Sharp Display System (SDS). JSIPS-N is the Navy's legacy imagery processing system. JSIPS-N Service Life Extension (JSLEP) will overcome JSIPS-N's end-of-life hardware challenges, software obsolescence, and improve systems reliability until DCGS-N fully replaces JSIPS-N ashore and afloat.

DCGS-N Increment 2 pre-acquisition activities began in Q4 FY10 and will continue into FY11 with a focus on requirements definition, system architecture review and development, acquisition planning, and prototype development and assessment. DCGS-N Increment 2 addresses the significant gaps in tactical and operational multiple intelligence (multi-INT) capabilities. Specific emphasis is placed in the areas of Counter Intelligence/Human Intelligence (CI/HUMINT), Measurement and Signature Intelligence (MASINT), Geospatial Intelligence (GEOINT), Enhanced Signals Intelligence (SIGINT), Non-Traditional ISR (NT - ISR), Open Source and an enhanced capability to exploit full motion video. DCGS-N Increment 2 adds to the capabilities delivered under DCGS-N Increment 1 to provide a robust Navy ISR capability with significant processing and exploitation capabilities that address significant issues for Processing Exploitation and Dissemination (PED). The ashore component of DCGS-N Increment 2 addresses the capability needs identified in the DCGS Enterprise Initial Capabilities Document (ICD) and the Maritime Fusion and Analysis (MFAS) ICD. DCGS-N Increment 2 consists of two components. The first builds on the DCGS-N Enterprise Node, the MDA Enterprise Node and development of the Integrated Maritime Architecture (IMA) at the Office of Naval Intelligence (ONI) to provide the Navy with an ashore backbone that fulfills the operational ISR needs of the MOCs. The second component addresses significant gaps in the afloat ISR capabilities consistent with the Key Performance Parameters (KPPs) identified as deferred in the DCGS-N Increment 1 Capability Production Document (CPD) and complete analysis of PED issues and identify specific solutions to be addressed in DCGS-N Increment 2.

The FY12 development plan includes conducting operational test events and test reviews for DCGS-N Increment 1, Block 1 Early Adopter Engineering Change Proposal build (EA ECP) and develop associated software patch. Complete design, development, and begin developmental testing of Increment 1, Block 2. DCGS-N Increment 1 Block 2 new capabilities to incorporate collection management capabilities, Real-Time Regional Gateway (RTRG), software upgrades for new Navy sensors, and Moving Target Indicator (MTI) processor integration. Deliver two Engineering Development Models (EDM) for DCGS-N Increment 1 Block 2. Continue to conduct I3 operational testing, begin new software development, and provide for the technical migration of standardized, linked intelligence data and imagery software tools and services from a platform-centric model to a SOA. Complete DCGS-N Increment 2 Analysis of Alternatives (AOA), conduct system requirement analysis,

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design, and prototyping in coordination with the DCGS Community of Interest and ONI. Complete DCGS-N Increment 2 Capability Development Document (CDD) and Test and Evaluation Master Plan (TEMP).

B. Program Change Summary ($ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	12.228	16.665	23.777	-	23.777
Current President's Budget	11.979	16.665	25.487	-	25.487
Total Adjustments	-0.249	-	1.710	-	1.710
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-	-	1.917	-	1.917
• Section 219 Reprogramming	-0.209	-	-	-	-
• Rate/Misc Adjustments	-	-	-0.207	-	-0.207
• Congressional General Reductions Adjustments	-0.040	-	-	-	-

Change Summary Explanation

Technical: Not applicable.

Schedule: The schedule has been updated to include DCGS-N Increment 2 development, milestones, and fielding as identified under the Streamlined Information Technology (IT) Acquisition approach in accordance with the Department of Defense Instruction (DoDI 5000.02) Acquisition process.

Exhibit R-2A, RDT&E Project Justification: PB 2012 Navy			DATE: February 2011
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COST ($ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
2174: *Distributed Common Ground System-Navy (DCGS-N)*	11.979	16.665	25.487	-	25.487	17.288	12.521	31.874	32.859	Continuing	Continuing
Quantity of RDT&E Articles	0	0	2	0	2	0	0	0	0		

Note

In FY12, funding is realigned from MDA PE 0604231N into DCGS-N PE 0305208N.

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integration to leverage the Integrated Shipboard Network System (ISNS) strategy for a Common Computing Environment (CCE). Additionally, DCGS-N will become the focal point for migration of Maritime Domain Awareness (MDA) fusion and analysis tool applications for the Navy. As a result, the funding profile was modified to revise the procurement schedule, maintain the equipment support line, and focus on product improvement for migration to the CCE and support to fielded systems until replaced by DCGS-N systems.

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DCGS-N Increment 2 pre-acquisition activities began in Q4 FY10 and will continue into FY11 with a focus on requirements definition, system architecture review and development, acquisition planning, and prototype development and assessment. DCGS-N Increment 2 addresses the significant gaps in tactical and operational multiple intelligence (multi-INT) capabilities. Specific emphasis is placed in the areas of Counter Intelligence/Human Intelligence (CI/HUMINT), Measurement and Signature Intelligence (MASINT), Geospatial Intelligence (GEOINT), Enhanced Signals Intelligence (SIGINT), Non-Traditional ISR (NT - ISR), Open Source and an enhanced capability to exploit full motion video. DCGS-N Increment 2 adds to the capabilities delivered under DCGS-N Increment 1 to provide a robust Navy ISR capability with significant processing and exploitation capabilities that address significant issues for Processing Exploitation and Dissemination (PED). The ashore component of DCGS-N Increment 2 addresses the capability needs identified in the DCGS Enterprise Initial Capabilities Document (ICD) and the Maritime Fusion and Analysis (MFAS) ICD. DCGS-N Increment 2 consists of two components. The first builds on the DCGS-N Enterprise Node, the MDA Enterprise Node and development of the Integrated Maritime Architecture (IMA) at the Office of Naval Intelligence (ONI) to provide the Navy with an ashore backbone that fulfills the operational ISR needs of the MOCs. The second component addresses significant gaps in the afloat ISR capabilities consistent with the Key Performance Parameters (KPPs) identified as deferred in the DCGS-N Increment 1 Capability Production Document (CPD) and complete analysis of PED issues and identify specific solutions to be addressed in DCGS-N Increment 2.

The FY12 development plan includes conducting Follow-On Test and Evaluation (FOT&E) on Increment 1, Block 1 EA ECP and develop associated software patch. Complete design, development, and begin developmental testing of Increment 1, Block 2. DCGS-N Increment 1 Block 2 new capabilities to incorporate collection management capabilities, Real-Time Regional Gateway (RTRG), software upgrades for new Navy sensors, and Moving Target Indicator (MTI) processor integration. Continue to conduct I3 operational testing, begin new software development, and provide for the technical migration of standardized, linked intelligence data and imagery software tools and services from a platform-centric model to a SOA. Deliver two Engineering Development Models (EDM) for DCGS-N Increment 1 Block

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2. Complete DCGS-N Increment 2 Analysis of Alternatives (AOA), conduct system requirement analysis, design, and prototyping in coordination with the DCGS Community of Interest and ONI. Complete DCGS-N Increment 2 Capability Development Document (CDD) and Test and Evaluation Master Plan (TEMP).

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2010	FY 2011	FY 2012
Title: DCGS-N Increment 1	10.460	14.900	15.022
Articles:	0	0	2

FY 2010 Accomplishments:

Increment 1: Migration to the Navy's Common Computing Environment (CCE) / Afloat Core Services (ACS). Began development of DCGS-N Increment 1 Block 1 Early Adopter Engineering Change Proposal (EA ECP) architecture, design, and prototyping efforts which continues integration of common hardware and Service Oriented Architecture (SOA) applications leveraging the Integrated Shipboard Network System (ISNS) and Special Compartmented Information (SCI) Local Area Network (LAN) hardware and software infrastructure. Successfully, participated in EMPIRE CHALLENGE - 10 demonstrated interoperability between DCGS Family of Systems (FoS) utilizing the operational DCGS-N Enterprise Node (DEN) capability over Secret Internet Protocol Router Network (SIPRNet).

I3: Integrated Imagery and Intelligence (I3) funding transitioned into the DCGS-N PE 0305208N in FY10, funds were previously budgeted under the Tactical Command System budget PE 0604231N. Continued to conduct operational testing, began new software development, and provided for the technical migration of standardized, linked intelligence data and imagery software tools and services from a platform-centric model to a Services Oriented Architecture (SOA). The RDT&E focus included modernizing interfaces between Special Intelligence (SI) Tools and Global Command and Control System (GCCS) / DCGS Middle and Data Tier services and Consolidated Afloat Network Enterprise Services (CANES) Infrastructure and the migration to National Geospatial Intelligence (GEOINT) Core Services (National Geospatial-Intelligence Agency (NGA) SOA). Efforts included support for end to end intelligence analysis tools that leverage Modernized Integrated Database (MIDB), NGA-related digital mapping and imagery products, and other intelligence support streams, while continuing to ensure joint intelligence interoperability across the GCCS and DCGS enterprise.

FY 2011 Plans:

Conduct System Integration Testing (SIT) and Developmental Test and Evaluation (DT&E) test events and Operation Test Readiness Review (OTRR) for the DCGS-N Increment 1 Block 1 EA ECP build. Increment 1 Block 2 requirements definition to begin incorporating collection management capabilities, Real-Time Regional Gateway (RTRG), software upgrades for new Navy sensors, and Moving Target Indicator (MTI) processor integration. Begin updating/developing the Block 2 Test and Evaluation Master Plan (TEMP) and commence development of two Block 2 Engineering Development Models (EDM). DCGS-N Requirements Working Group (DRWG) efforts in FY11 include updating and socializing specific DCGS-N Block 1 & 2 capabilities in support of Capabilities Production Document (CPD) requirements. DCGS-N's RDTE focus for I3 specific components is on

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2010	FY 2011	FY 2012
migration to CANES, CCE, SOA, widget related efforts, DCGS-N Enterprise Services, and environment, including transition to Common PC Operating System Environment (COMPOSE) 4.X. ***FY 2012 Plans:*** Conduct Follow-On Test and Evaluation (FOT&E) on Increment 1, Block 1 EA ECP and develop associated software patch. Complete design, development, and begin developmental testing of Increment 1, Block 2. New capabilities to include collection management capabilities, Real-Time Regional Gateway (RTRG), software upgrades for new Navy sensors, and Moving Target Indicator (MTI) processor integration. Deliver two Engineering Development Models (EDM) for DCGS-N Increment 1 Block 2. DCGS-N's RDTE focus for I3 specific components is on migration to CANES, CCE, SOA, widget related efforts, DCGS-N Enterprise Services, and environment, including transition to COMPOSE 4.X.			
Title: DCGS-N Increment 2	0.256	0.765	10.465
Articles:	0	0	0
FY 2010 Accomplishments: Finished the DCGS-N Increment 2 Gap Analysis. Defined the transition of Maritime Domain Awareness (MDA) capabilities into DCGS-N Increment 2 Program of Record as identified in the Maritime Fusion and Analysis Services (MFAS) Initial Capabilities Document (ICD). Began the pre-acquisition activities including initial requirements analysis, and began defining the acquisition strategy that will lead to a Material Development Decision (MDD). ***FY 2011 Plans:*** Manage a Material Development Decision (MDD). Manage an Analysis of Alternatives (AOA), Capability Development Document (CDD) development, and conduct cost analysis based on AOA findings. Manage prototyping activities in coordination with the Office of Naval Intelligence (ONI) to address capability gaps associated with the establishment of a robust Navy ISR enterprise infrastructure building on the DCGS-N Enterprise Node, the MDA Enterprise Node and the Integrated Maritime Architecture (IMA). ***FY 2012 Plans:*** Complete an Analysis of Alternatives (AOA), Capability Development Document (CDD) , and conduct cost analysis based on AOA findings. Prepare a Program Build Decision (BD) for DCGS-N Increment 2. Complete Increment 2 Test and Evaluation Master Plan (TEMP). Continue to conduct exploratory studies, system requirements analysis, design, and prototyping in coordination with the DCGS Community Of Interest (COI) and the Office of Naval Intelligence (ONI) to ensure a solution that operates within both the DCGS and Integrated Maritime Architecture (IMA) environments. Synchronize Increment 2 design and development with the on going evolution of Cloud Computing supporting the intelligence community.			
Title: JSIPS-N	0.263	-	-
Articles:	0		

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B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2010	FY 2011	FY 2012
FY 2010 Accomplishments: Joint Services Imagery Processing System - Navy (JSIPS-N): Conducted Follow-on Operational Test and Evaluation (FOT&E) for service life extension upgrades. Supported Demonstration Test and Operational Test (DT&OT) on the CVN72.			
Title: Common Security and Discovery Services Increment 1	1.000	1.000	-
Articles:	0	0	
FY 2010 Accomplishments: Continued participation in development and demonstration of NCES; Continued to follow Pilot Plan; integrated DCGS testbed capabilities into Project Plan.			
FY 2011 Plans: Complete participation in development and demonstration of NCES; Continue to follow Pilot Plan; integrate DCGS testbed capabilities into Project Plan.			
Accomplishments/Planned Programs Subtotals	11.979	16.665	25.487

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
• OPN 2914: *Distributed Common Ground System-Navy (DCGS-N)*	23.847	16.634	11.201	0.000	11.201	14.403	21.212	30.223	36.163	Continuing	Continuing

D. Acquisition Strategy

The Distributed Common Ground System - Navy (DCGS-N) program will utilize mature Commercial Off The Shelf (COTS) and Governmental Off The Shelf (GOTS) capabilities. The Navy plan is to adapt and integrate these capabilities and ensure interoperability with the DCGS Integration Backbone (DIB) standards. Integration of DCGS-N Increment 1 components has transitioned from Government-led to Industry-led based on the award of DCGS-N's Prime Mission Product (PMP) contract. The DCGS-N Increment 2 streamlined Information Technology (IT) acquisition strategy is based on an accelerated acquisition model as defined in the Department of Defense Instructions (DoDI 5000.02) tailoring restructuring. DCGS-N Increment 2 acquisition strategy calls for an accelerated approval for the Capabilities Development Document (CDD) to meet a Program Build Decision (BD) for DCGS-N Increment 2 Release 1. DCGS-N Increment 2 capabilities will be developed through an evolutionary process that calls for multiple releases. The first planned DCGS-N Increment 2 release establishes an ISR capability supporting the Tasking, Processing Exploitation Dissemination (TPED) needs of the Fleet. DCGS-N Increment 2 Release 2 provides Multi-Intelligence (multi-INT) ISR capabilities to Navy forces afloat and ashore Maritime Operation Centers (MOC) that capitalize on a robust ashore enterprise. Subsequent releases will meet deferred capability gaps and take advantage of the migration to Cloud Computing capabilities currently underway within the Intelligence community.

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E. Performance Metrics

DCGS-N Increment 1 GOAL: Provide Fleet with additional migration to the Navy's Common Computing Environment (CCE) / Afloat Core Services (ACS).
DCGS-N Increment 1 METRIC: Test Increment 1 Block 1 Early Adopters Engineering Change Proposal (EA ECP) and develop two DCGS-N Increment 1 Block 2 Engineering Development Models (EDM).

DCGS-N Increment 2 GOAL: Develop a multi-INT ISR capability that supports afloat forces through a robust enterprise ISR capability supporting maritime needs for processing, exploitation, and dissemination..
DCGS-N Increment 2 METRIC: Complete Analysis of Alternatives (AOA), initiate prototype development leading to DCGS-N Increment 2 Release 1 and Release 2 capability decisions. Define enterprise architecture and the integration of DCGS-N with the Integrated Maritime Architecture (IMA). Complete DCGS-N Increment 2 CDD, develop Test and Evaluation Master Plan (TEMP) and conduct prototyping to support final design decision.

I3 GOAL: Demonstrate Integrated Imagery and Intelligence (I3) capabilities within DCGS-N Increment 1.
I3 METRIC: Synch and enhance DCGS-N software deliveries to accommodate system user requirements, data interfaces, integration, configuration, and testing.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Navy		DATE: February 2011
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Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2011 Cost	FY 2011 Award Date	FY 2012 Base Cost	FY 2012 Base Award Date	FY 2012 OCO Cost	FY 2012 OCO Award Date	FY 2012 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Hardware Development	Various	Various:Various	5.085	-		-		-		-	Continuing	Continuing	Continuing
Primary Hardware Development	C/CPAF	BAE:Rancho Bernardo, CA	2.013	0.318	Nov 2010	0.400	Nov 2011	-		0.400	Continuing	Continuing	Continuing
Systems Engineering (prior)	Various	Various:Various	8.753	-		-		-		-	Continuing	Continuing	Continuing
Systems Engineering	C/CPAF	JFCOMM:Norfolk, VA	5.634	-		-		-		-	Continuing	Continuing	Continuing
Systems Engineering	C/CPAF	BAE:Rancho Bernardo, CA	20.924	5.323	Nov 2010	6.000	Nov 2011	-		6.000	Continuing	Continuing	Continuing
Systems Engineering	C/CPAF	LMSI:Valley Forge, PA	4.432	-		-		-		-	Continuing	Continuing	Continuing
Systems Engineering	WR	SSC Lant:Charleston, SC	7.181	1.591	Oct 2010	2.370	Oct 2011	-		2.370	Continuing	Continuing	Continuing
Systems Engineering	C/CPFF	SETA SAIC:Columbia, MD	1.273	1.887	Oct 2010	2.400	Oct 2011	-		2.400	Continuing	Continuing	Continuing
Systems Engineering	Various	SAIC:Columbia, MD	4.804	-		-		-		-	Continuing	Continuing	Continuing
Systems Engineering	C/CPAF	L3:Chantilly, VA	3.582	0.588	Dec 2010	0.500	Dec 2011	-		0.500	Continuing	Continuing	Continuing
Licenses	Various	BAE, SSC Lant:Various	0.660	-		-		-		-	Continuing	Continuing	Continuing
Primary Hardware Development	WR	SSC Lant:Charleston, SC	-	0.191	Oct 2010	-		-		-	0.000	0.191	
Systems Engineering	WR	SSC PAC:San Diego, CA	-	0.840	Oct 2010	1.800	Oct 2011	-		1.800	0.000	2.640	
Licenses	C/CPAF	SSC LANT:Charleston, SC	-	0.075	Nov 2010	0.080	Dec 2011	-		0.080	0.000	0.155	
Systems Engineering	C/CPAF	Unkown (PMP):Unknown	-	-		1.500	Nov 2011	-		1.500	0.000	1.500	
		Subtotal	64.341	10.813		15.050		-		15.050			

Remarks

Various represents several prior year contracts in support of product development, logistics, testing,systems engineering and program management. The majority of these contracts were Cost Plus Award Fee (CPAF) contract awards.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Navy		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0305208N: *Distributed Common Ground Sys*	PROJECT 2174: *Distributed Common Ground System-Navy (DCGS-N)*

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2011 Cost	FY 2011 Award Date	FY 2012 Base Cost	FY 2012 Base Award Date	FY 2012 OCO Cost	FY 2012 OCO Award Date	FY 2012 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support (prior)	Various	Various:Various	4.136	-		-		-		-	Continuing	Continuing	Continuing
Software Development	C/CPAF	BAE, NG:Various	16.733	-		-		-		-	Continuing	Continuing	Continuing
Integrated Logistics Support	Various	L3, SAIC:Various	4.380	-		-		-		-	Continuing	Continuing	Continuing
Configuration Management	C/CPAF	L3:Chantilly, VA	2.353	-		-		-		-	Continuing	Continuing	Continuing
Technical Data	Various	L3, SSC CHAS:Various	0.577	-		-		-		-	Continuing	Continuing	Continuing
Development Support	C/CPFF	SETA SAIC:Columbia, MD	-	0.331	Nov 2010	0.300	Oct 2011	-		0.300	0.000	0.631	
Development Support	WR	SSC Lant:Charleston, SC	-	0.280	Oct 2010	0.200	Oct 2011	-		0.200	0.000	0.480	
Development Support	C/CPAF	Unknown:Unknown	-	-		2.000	Nov 2011	-		2.000	0.000	2.000	
Software Development	C/CPAF	Northrop Grumman:Los Angeles, CA	-	0.949	Nov 2010	0.950	Nov 2011	-		0.950	0.000	1.899	
Software Development	C/CPAF	BAE:Rancho Bernardo, CA	-	0.334	Nov 2010	0.400	Nov 2011	-		0.400	0.000	0.734	
Integrated Logistics Support	C/CPFF	Unknown:Unknown	-	-		0.500	Nov 2011	-		0.500	0.000	0.500	
Integrated Logistics Support	WR	SSC Lant:Charleston, SC	-	0.737	Oct 2010	0.950	Oct 2011	-		0.950	0.000	1.687	
Configuration Management	WR	SSC Lant:Charleston, SC	-	0.658	Oct 2010	0.550	Oct 2011	-		0.550	0.000	1.208	
		Subtotal	28.179	3.289		5.850		-		5.850			

Remarks

Various represents several prior year contracts in support of product development, logistics, testing,systems engineering and program management. The majority of these contracts were Cost Plus Award Fee (CPAF) contract awards.

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2011 Cost	FY 2011 Award Date	FY 2012 Base Cost	FY 2012 Base Award Date	FY 2012 OCO Cost	FY 2012 OCO Award Date	FY 2012 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	Various	SAIC, L3, SSC LANT:Various	10.443	-		-		-		-	Continuing	Continuing	Continuing

Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Navy		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0305208N: *Distributed Common Ground Sys*	PROJECT 2174: *Distributed Common Ground System-Navy (DCGS-N)*

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2011 Cost	FY 2011 Award Date	FY 2012 Base Cost	FY 2012 Base Award Date	FY 2012 OCO Cost	FY 2012 OCO Award Date	FY 2012 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Operational Test & Evaluation	Various	SAIC, NAWC, NGES, OPTEVFOR, NSWC Corona:Various	5.056	-		-		-		-	Continuing	Continuing	Continuing
Developmental Test & Evaluation	C/CPAF	BAE:Rancho Bernardo, CA	-	0.366	Nov 2010	0.120	Nov 2011	-		0.120	0.000	0.486	
Developmental Test & Evaluation	WR	SSC Lant:Charleston, SC	-	0.747	Oct 2010	-		-		-	0.000	0.747	
Operational Test & Evaluation	WR	SSC Pac:San Diego, CA	-	0.118	Oct 2010	0.120	Oct 2011	-		0.120	0.000	0.238	
Operational Test & Evaluation	C/CPAF	BAE:Rancho Bernardo, CA	-	-		1.360	Nov 2011	-		1.360	0.000	1.360	
Operational Test & Evaluation	WR	SSC Lant:Charleston, CA	-	-		0.240	Oct 2011	-		0.240	0.000	0.240	
		Subtotal	15.499	1.231		1.840		-		1.840			

Remarks

Various represents several prior year contracts in support of product development, logistics, testing,systems engineering and program management. The majority of these contracts were Cost Plus Award Fee (CPAF) contract awards.

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2011 Cost	FY 2011 Award Date	FY 2012 Base Cost	FY 2012 Base Award Date	FY 2012 OCO Cost	FY 2012 OCO Award Date	FY 2012 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	C/CPAF	SAIC:Columbia, MD	1.316	-		-		-		-	Continuing	Continuing	Continuing
Travel	Allot	SPAWAR:San Diego, CA	0.519	0.140	Oct 2010	0.160	Oct 2011	-		0.160	Continuing	Continuing	Continuing
Government Engineering Support	WR	SSC Lant:Charleston, SC	0.884	0.400	Oct 2010	0.200	Oct 2011	-		0.200	0.000	1.484	
Program Management Support	C/CPFF	PSS BAH:Washington, DC	-	0.248	Nov 2010	1.323	Nov 2011	-		1.323	0.000	1.571	
	WR		-	0.339	Oct 2010	0.839	Oct 2011	-		0.839	0.000	1.178	

Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Navy		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 7: *Operational Systems Development*	R-1 ITEM NOMENCLATURE PE 0305208N: *Distributed Common Ground Sys*	PROJECT 2174: *Distributed Common Ground System-Navy (DCGS-N)*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2011 Cost	FY 2011 Award Date	FY 2012 Base Cost	FY 2012 Base Award Date	FY 2012 OCO Cost	FY 2012 OCO Award Date	FY 2012 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support		SSC Lant:Charleston, SC											
Program Management Support	WR	SSC Pac:San Diego, CA	-	0.205	Oct 2010	0.225	Oct 2011	-		0.225	0.000	0.430	
		Subtotal	2.719	1.332		2.747		-		2.747			

Remarks

Various represents several prior year contracts in support of product development, logistics, testing,systems engineering and program management. The majority of these contracts were Cost Plus Award Fee (CPAF) contract awards.

	Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	110.738	16.665		25.487		-		25.487			

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2012 Navy		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0305208N: *Distributed Common Ground Sys*	**PROJECT** 2174: *Distributed Common Ground System-Navy (DCGS-N)*

Exhibit R-4A, RDT&E Schedule Details: PB 2012 Navy		DATE: February 2011
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0305208N: *Distributed Common Ground Sys*	**PROJECT** 2174: *Distributed Common Ground System-Navy (DCGS-N)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 2174				
DCGS-N BLK 2 DT/OT Landbased	1	2013	1	2013
DCGS-N BLK 2 FOTE Shipboard	4	2013	4	2013
DCGS-N Inc 2 Release 1 DT/OT Landbased	1	2015	2	2015
Trident Warrior / Empire Challenge EA ECP 2011	2	2011	3	2011
Trident Warrior / Empire Challenge BLK 2 2012	2	2012	3	2012
Trident Warrior / Empire Challenge Inc 2 2013	2	2013	3	2013
Trident Warrior / Empire Challenge Inc 2 2014	2	2014	3	2014
Trident Warrior / Empire Challenge Inc 2 2015	2	2015	3	2015
I3 Software Deliveries 2010	1	2010	4	2010
I3 Software Deliveries 2011	1	2011	4	2011
I3 Software Deliveries 2012	1	2012	4	2012
I3 Software Deliveries 2013	1	2013	4	2013
I3 Software Deliveries 2014	1	2014	4	2014
I3 Software Deliveries 2015	1	2015	4	2015
DCGS-N BLK 2 Development	3	2011	3	2013
DCGS-N Inc 2 Release 1 Development	4	2013	2	2015
DCGS-N Inc 2 Release 2 Development	4	2014	2	2016
DCGS-N BLK 1 FDD	3	2010	3	2010
DCGS-N Increment 2 TEMP	4	2012	4	2012
DCGS-N Inc 2 BD	2	2013	2	2013
DCGS-N BLK 2 LDD	2	2013	2	2013

Exhibit R-4A, RDT&E Schedule Details: PB 2012 Navy		DATE: February 2011
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	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
DCGS-N Inc 1 FD	4	2014	4	2014
DCGS-N Inc 2 CDD	2	2012	2	2012
DCGS-N Inc 2 Procurement	3	2014	4	2016
DCGS-N Inc 1 BLK 1 EA ECP TEMP	1	2011	1	2011
ICOP Procurement	2	2015	4	2016
DCGS-N Inc 1 BLK 2 TEMP	2	2012	2	2012
DCGS-N Inc 2 MDD	3	2011	3	2011
DCGS-N BLK 2 OT AFLOAT	3	2013	3	2013
DCGS-N Inc 1 FDD TEMP	2	2010	2	2010
DCGS-N Inc 2 FDD	3	2015	3	2015
DCGS-N Inc 1 Procurement	3	2010	4	2014
EA ECP FOTE (Shipboard)	1	2012	1	2012
Trident Warrior / Empire Challenge Inc 2 2016	2	2016	3	2016
DCGS-N Inc 1 BLK 2 EDM (2)	1	2012	1	2013
DCGS-N Inc 2 Prototypes 1 & 2	2	2012	1	2015
DCGS-N Inc 2 Release 2 DT/OT	2	2016	3	2016
DCGS-N Inc 1 and Inc 2 Tech Refresh	1	2010	4	2016
I3 Software Deliveries 2016	1	2016	4	2016
DCGS-N Inc 2 Release 3 Development	1	2014	1	2014
DCGS-N Inc 1 BLK 2 FDD	1	2014	1	2014