Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy										DATE: February 2010	
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 2009 Actual**	**FY 2010 Estimate**	**FY 2011 Base Estimate**	**FY 2011 OCO Estimate**	**FY 2011 Total Estimate**	**FY 2012 Estimate**	**FY 2013 Estimate**	**FY 2014 Estimate**	**FY 2015 Estimate**	**Cost To Complete**	**Total Cost**
Total Program Element	44.222	12.228	16.665	0.000	16.665	23.777	20.545	23.789	27.830	Continuing	Continuing
2174: *CIGSS*	44.222	12.228	16.665	0.000	16.665	23.777	20.545	23.789	27.830	Continuing	Continuing

A. Mission Description and Budget Item Justification

The Distributed Common Ground System - Navy (DCGS-N) is the Navy's portion of the Department of Defense (DOD) DCGS effort. 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. The DOD DCGS will process data from all 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 interoperability of ISR information across joint forces through the use of common enterprise standards and services. It will support Joint Task Force (JTF)-level combat operations and support JTF commanders and below with critical intelligence for battle management and information dominance across the full spectrum of operations. DCGS is a cooperative effort among the services, agencies, and DOD to provide systems capable of receiving, processing, exploiting, and disseminating data from airborne and national reconnaissance platforms. DCGS is further subdivided into systems which process, exploit, and disseminate Measurements Analysis and Signatures Intelligence data, Signals Intelligence (SIGINT) data, Multi-Intelligence Reconnaissance data, and Imagery data.

B. Program Change Summary ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	44.222	18.079	0.000	0.000	0.000
Current President's Budget	44.222	12.228	16.665	0.000	16.665
Total Adjustments	0.000	-5.851	16.665	0.000	16.665
• Congressional General Reductions		-0.051			
• Congressional Directed Reductions		-5.700			
• Congressional Rescissions	0.000	-0.100			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Program Adjustments	0.000	0.000	16.665	0.000	16.665

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Change Summary Explanation

Technical: Not applicable.

Schedule: Distributed Common Ground System - Navy (DCGS-N) BLK 1 Initial Operating Capability (IOC) has shifted to 4QFY10 due to ship availabilities.

FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy			DATE: February 2010
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COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
2174: *CIGSS*	44.222	12.228	16.665	0.000	16.665	23.777	20.545	23.789	27.830	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The Distributed Common Ground System - Navy (DCGS-N) is the Navy's portion of the Department of Defense (DOD) DCGS effort. 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. The DOD DCGS will process data from all 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 interoperability of ISR information across joint forces through the use of common enterprise standards and services. It will support Joint Task Force (JTF)-level combat operations and support JTF commanders and below with critical intelligence for battle management and information dominance across the full spectrum of operations. DCGS is a cooperative effort among the services, agencies, and DOD to provide systems capable of receiving, processing, exploiting, and disseminating data from airborne and national reconnaissance platforms. DCGS is further subdivided into systems which process, exploit, and disseminate Measurements Analysis and Signatures Intelligence data, Signals Intelligence (SIGINT) data, Multi-Intelligence Reconnaissance data, and Imagery data.

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

The DCGS-N Enterprise Node, which incorporates DCGS DIB standards, facilitates interoperability among the DOD DCGS Family of Systems. 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 Fires Network/ Joint Services Imagery Processing System - Navy (JSIPS-N) capabilities to this network environment. The government is the integrator for the DCGS-N system.

The Navy is focusing on establishing an ISR Enterprise way ahead that will emphasize a reach back strategy with a focus on Maritime Operations Center (MOC) activities 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 (MOC to MOC to afloat), development and migration of ISR SOA applications, and development and integration to leverage the Integrated Shipboard Network System strategy for a Common Computing Environment (CCE). This effort has resulted in a realignment of the program, replacing the DCGS-N 1.1 with a redesigned, smaller, more maintainable, less expensive system that will eventually migrate to the CCE

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aboard ship and shift the focus of the program to producing SOA ISR applications. Additionally, DCGS-N will become the focal point for migration of Maritime Domain Awareness 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.

Integrated Imagery and Intelligence (I3) funding transitions into the DCGS-N PE 0305208N beginning in FY10 (funds were previously budgeted under the Tactical Command System budget PE 0604231N). The Navy's Integrated Imagery and Intelligence Applications (I3 Apps) are an integrated set of applications designed to support tactical intelligence processing and provide a useful integration framework to ensure joint intelligence interoperability across the Global Command and Control System (GCCS) and Distributed Common Ground System (DCGS) enterprise. Development of I3 applications includes end to end intelligence analysis applications that leverage the Modernized Integrated Database and military integration with NGA-provided digital map and imagery systems. I3 imagery applications provide for archiving, viewing and measurement of still and video images. This effort is also continuing the transition to Commercial Off The Shelf hardware and software. The Navy's I3 effort is part of the Military Intelligence Program, managed by the Secretary of Defense through the Assistant Secretary of Defense for Command, Control, Communications, Computers and Intelligence.

JSIPS-N tech refresh and service life extension upgrades will provide shipboard digital imagery architecture with the 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, Common Geopositioning Service, Image Product Library, Imagery Exploitation Support System, and the Sharp Display System. JSIPS-N is the Navy's cooperative imagery processing system component in DCGS-N. JSIPS-N service life extension will overcome obsolescence and improve systems reliability until DCGS-N fully replaces JSIPS-N ashore and afloat.

The FY11 plan includes conducting various test events and test reviews for the DCGS-N Increment 1 Block 1 Early Adopter Engineering Change Proposal build. Increment 1 Block 2 requirements definition to incorporate collection management capabilities, Real-Time Regional Gateway (RTRG), software upgrades for new Navy sensors, and Moving Target Indicator (MTI) processor integration. Begin DCGS-N Increment 2 Analysis of Alternative (AoA), Capability Development Document development, and conduct cost analysis based on AoA findings. 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.

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
DCGS-N	40.972	11.228	15.665	0.000	15.665

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B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
DCGS-N: Primary and ancillary system software design / development and related activities for Distributed Common Ground System - Navy (DCGS-N) Increment 1. These activities include Increment 1 development and operational testing and evaluation, integration of core components, and development of software capabilities to enhance the end-end usability of DCGS-N Increment 1 across the Navy and joint enterprise. *FY 2009 Accomplishments:* Increment 1: Continued development of DCGS-N Increment 1 Block 1 applications for fielding in migration to a Service Oriented Architecture (SOA) environment. Supported migration of additional SOA applications leveraging the Integrated Shipboard Network System (ISNS) Common Computing Environment (CCE). Began integration of SOA applications leveraging onto ISNS Increment 1 CCE hardware. Conducted Shipboard Operational Tests (OT); successfully performed Development Test (DT) and Operational Assessment (OA). Participated EMPIRE CHALLENGE - 09 demonstration. Began testing the additional SOA applications in the ISNS CCE. Conducted tests with early adopters where possible. Increment 2: Began gap analysis study efforts and pre-acquisition program tasks. JSIPS-N: Conducted Land-based Operational Assessment (OA) on a service life extension upgrade. *FY 2010 Plans:* Increment 1: Additional migration to the Navy's CCE / Afloat Core Services (ACS). Begin 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 SOA applications leveraging the ISNS and Special Compartmented Information (SCI) Local Area Network (LAN) hardware and software infrastructure. Participate in EMPIRE CHALLENGE - 10 demonstration to demonstrate interoperability between DCGS Family of Systems (FoS) utilizing the DCGS-N Enterprise Node (DEN) capability. JSIPS-N: Conduct Follow-on Operational Test and Evaluation (FOTE) for service life extension upgrades.					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
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B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Increment 2: Finish the DCGS-N Increment 2 Gap Analysis. I3: Integrated Imagery and Intelligence (I3) funding transitions into the DCGS-N PE 0305208N beginning in FY10, funds were previously budgeted under the Tactical Command System budget PE 0604231N. Continue to conduct 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 services oriented architecture (SOA). The RDT&E focus includes 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 include 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 Base Plans: Increment 1: 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 incorporate 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). Blocks 1 and 2 will support/facilitate the requirements development process and lessons learned efforts for DCGS-N Increment 2. Increment 2: Begin AoA on technology exploration, CDD development, and conduct cost analysis based on AoA findings. Begin drafting the Increment 2 Acquisition Strategy Report (ASR), Systems Engineering Plan (SEP), and other required acquisition documentation. I3: Continue to conduct operational testing, begin new software development, and provide for the technical migration of standardized, linked intelligence data and imagery software tools and services					

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
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B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
from a platform-centric model to a SOA. The RDT&E focus will be on migration to CANES SOA and DCGS-N Enterprise Services. Efforts include support for end to end intelligence analysis tools that leverage 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. Focus will be the migration to the United States Navy (USN) SOA framework (CANES), alignment with the new Joint Command and Control (C2) program Net-Enabled Command Capability (NECC), the DIA Department of Defense Intelligence Information System (DODIIS) Architecture (DODIIS SOA), and the Net-Centric Enterprise Services (NCES). FY11 OCO funding - N/A					
DCGS-N Testbeds DCGS-N Testbeds: Funds the Navy's contribution to the Distributed Development, Test, Demonstration, and Experimentation Network. *FY 2009 Accomplishments:* Coordinated Test and Evaluation (T&E) among various service and agency Distributed Common Ground System (DCGS) labs and test facilities to ensure continued interoperability as system changes occurred.	1.500	0.000	0.000	0.000	0.000
Common Security and Discovery Services Common Security and Discovery Services: Effort to migrate to common security and discovery services within the DCGS programs via Net-Centric Enterprise Services (NCES) and the DCGS Integrated Backbone (DIB). This effort will improve the coordination and the acceleration of the introduction of NCES and DIB services into the DCGS/Intelligence, Surveillance and Reconnaissance (ISR) enterprise. This funding provides minimal full-time staffing to support the execution of the project plan in accordance with Under Secretary of Defense (Intelligence) (USD(I)) guidance.	1.000	1.000	1.000	0.000	1.000

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
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B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: Continued participation in development and demonstration of CES and in the ESWG; Continued to follow Pilot Plan; integrated DCGS testbed capabilities into Project Plan. *FY 2010 Plans:* Continue participation in development and demonstration of CES and in the ESWG; Continue to follow Pilot Plan; integrate DCGS testbed capabilities into Project Plan. *FY 2011 Base Plans:* Continue participation in development and demonstration of CES and in the ESWG; Continue to follow Pilot Plan; integrate DCGS testbed capabilities into Project Plan.					
Concept of Operations (CONOPS) *FY 2009 Accomplishments:* Continued with CONOPS that ensures DCGS interoperability with Services and Coalition partners. This effort maximized ISR processing capability and provided a common understanding of the direction and means to the desired end-state.	0.750	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals	44.222	12.228	16.665	0.000	16.665

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
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C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• OPN 2914: *Distributed Common Ground System-Navy (DCGS-N)*	38.220	27.547	16.634	0.000	16.634	11.494	15.894	17.574	20.295	Continuing	Continuing

D. Acquisition Strategy

The Distributed Common Ground System - Navy (DCGS-N) program will utilize contracting vehicles already in place for the existing Army Tactical Exploitation of National Capabilities (TENCAP) and Joint Services Imagery Processing System - Navy (JSIPS-N) and other fielded programs. The Navy plan is to adapt these programs and develop interoperability with the DCGS Integration Backbone (DIB) standards for support of Navy Network Centric Warfare Time Critical Targeting. The government is the system integrator for the DCGS-N Increment 1 system. For DCGS-N Increment 1 SPAWAR Systems Center (SSC) will also leverage the current Joint Global Command and Control System (GCCS-J) Integrated Imagery and Intelligence (I3) and JSIPS-N and other fielded systems. The DCGS-N Increment 2 acquisition strategy includes the award of a competitive contract for a prime product integrator.

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: Develop DCGS-N Increment 1 Block 1 Early Adopter Engineering Change Proposal (EA ECP) build. Deliver Increment 1 Block 2 Test and Evaluation Master Plan (TEMP) Update. Complete requirements definition to incorporate collection management capabilities, Real-Time Regional Gateway (RTRG), software upgrades for new Navy sensors, and Moving Target Indicator (MTI) processor integration.

DCGS-N Increment 2 GOAL: Determine future development alternatives for the DCGS-N system.
DCGS-N Increment 2 METRIC: Complete a Gap Analysis Study and Begin the Analysis of Alternatives (AoA) to determine future system development roadmap.

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

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy		DATE: February 2010
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Product Development ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Hardware Development	Various/ Various	Various Various	4.735	0.350	Nov 2009	0.400	Nov 2010	0.000		0.400	Continuing	Continuing	Continuing
Primary Hardware Development	C/CPAF	BAE Rancho Bernardo, CA	2.013	0.000		0.000		0.000		0.000	Continuing	Continuing	Continuing
Systems Engineering	Various/ Various	Various Various	7.762	0.991	Nov 2009	0.402	Nov 2010	0.000		0.402	Continuing	Continuing	Continuing
Systems Engineering	C/CPAF	JFCOMM Norfolk, VA	5.634	0.000		0.000		0.000		0.000	Continuing	Continuing	Continuing
Systems Engineering	C/CPAF	BAE Rancho Bernardo, CA	20.124	0.800	Dec 2009	1.074	Dec 2010	0.000		1.074	Continuing	Continuing	Continuing
Systems Engineering	C/CPAF	LMSI Valley Forge, PA	3.776	0.656	Dec 2009	0.989	Dec 2010	0.000		0.989	Continuing	Continuing	Continuing
Systems Engineering	WR	SSC Lant Charleston, SC	5.573	1.608	Nov 2009	2.095	Nov 2010	0.000		2.095	Continuing	Continuing	Continuing
Systems Engineering	C/CPFF	TBD TBD	0.000	1.273	May 2010	4.986	Nov 2010	0.000		4.986	Continuing	Continuing	Continuing
Systems Engineering	Various/ Various	SAIC Columbia, MD	3.781	1.023	Nov 2009	0.000		0.000		0.000	Continuing	Continuing	Continuing
Systems Engineering	Various/ Various	L3 Chantilly, VA	2.786	0.796	Nov 2009	0.000		0.000		0.000	Continuing	Continuing	Continuing
Licenses	Various/ Various	BAE, SSC Lant Various	0.600	0.060	Dec 2009	0.400	Dec 2010	0.000		0.400	Continuing	Continuing	Continuing
		Subtotal	56.784	7.557		10.346		0.000		10.346			

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy			DATE: February 2010
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Product Development ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract

Remarks

Various represents several contracts in support of product development, logistics, testing, and systems engineering. The majority of these contracts are Cost Plus Award Fee (CPAF) contract awards.
TBD represents un-awarded contracts,currently under competition.

Support ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support	Various/ Various	Various Various	3.867	0.269	Nov 2009	0.196	Nov 2010	0.000		0.196	Continuing	Continuing	Continuing
Software Development	C/CPAF	BAE, NG Various	15.983	0.750	Dec 2009	0.950	Dec 2010	0.000		0.950	Continuing	Continuing	Continuing
Integrated Logistics Support	Various/ Various	L3, SAIC Various	3.782	0.598	Nov 2009	0.689	Nov 2010	0.000		0.689	Continuing	Continuing	Continuing
Configuration Management	C/CPAF	L3 Chantilly, VA	1.879	0.474	Dec 2009	0.525	Dec 2010	0.000		0.525	Continuing	Continuing	Continuing
Technical Data	Various/ Various	L3, SSC CHAS Various	0.352	0.225	Jan 2010	0.200	Nov 2010	0.000		0.200	Continuing	Continuing	Continuing
		Subtotal	25.863	2.316		2.560		0.000		2.560			

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy			DATE: February 2010
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Support ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract

Remarks

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

Test and Evaluation ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	Various/ Various	SAIC, L3, SSC LANT Various	9.618	0.825	Nov 2009	0.502	Nov 2010	0.000		0.502	Continuing	Continuing	Continuing
Developmental Test & Evaluation	C/CPFF	TBD TBD	0.000	0.000		2.055	Nov 2010	0.000		2.055	Continuing	Continuing	Continuing
Operational Test & Evaluation	Various/ Various	SAIC, NAWC, NGES, OPTEVFOR, NSWC Corona Various	4.841	0.215	Nov 2009	0.000		0.000		0.000	Continuing	Continuing	Continuing
		Subtotal	14.459	1.040		2.557		0.000		2.557			

Remarks

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

TBD represents un-awarded contracts,currently under competition.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy		DATE: February 2010
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Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	FY 2010 Cost	FY 2010 Award Date	FY 2011 Base Cost	FY 2011 Base Award Date	FY 2011 OCO Cost	FY 2011 OCO Award Date	FY 2011 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Engineering Support	WR	SSC LANT Charleston, SC	0.000	0.884	Nov 2009	0.778	Nov 2009	0.000		0.778	Continuing	Continuing	Continuing
Program Management Support	C/CPAF	SAIC Columbia, MD	1.005	0.311	Dec 2009	0.284	Dec 2010	0.000		0.284	Continuing	Continuing	Continuing
Travel	Allot	SPAWAR San Diego, CA	0.399	0.120	Oct 2009	0.140	Oct 2010	0.000		0.140	Continuing	Continuing	Continuing
		Subtotal	1.404	1.315		1.202		0.000		1.202			

Remarks

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

	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	98.510	12.228		16.665		0.000		16.665			

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Navy		DATE: February 2010
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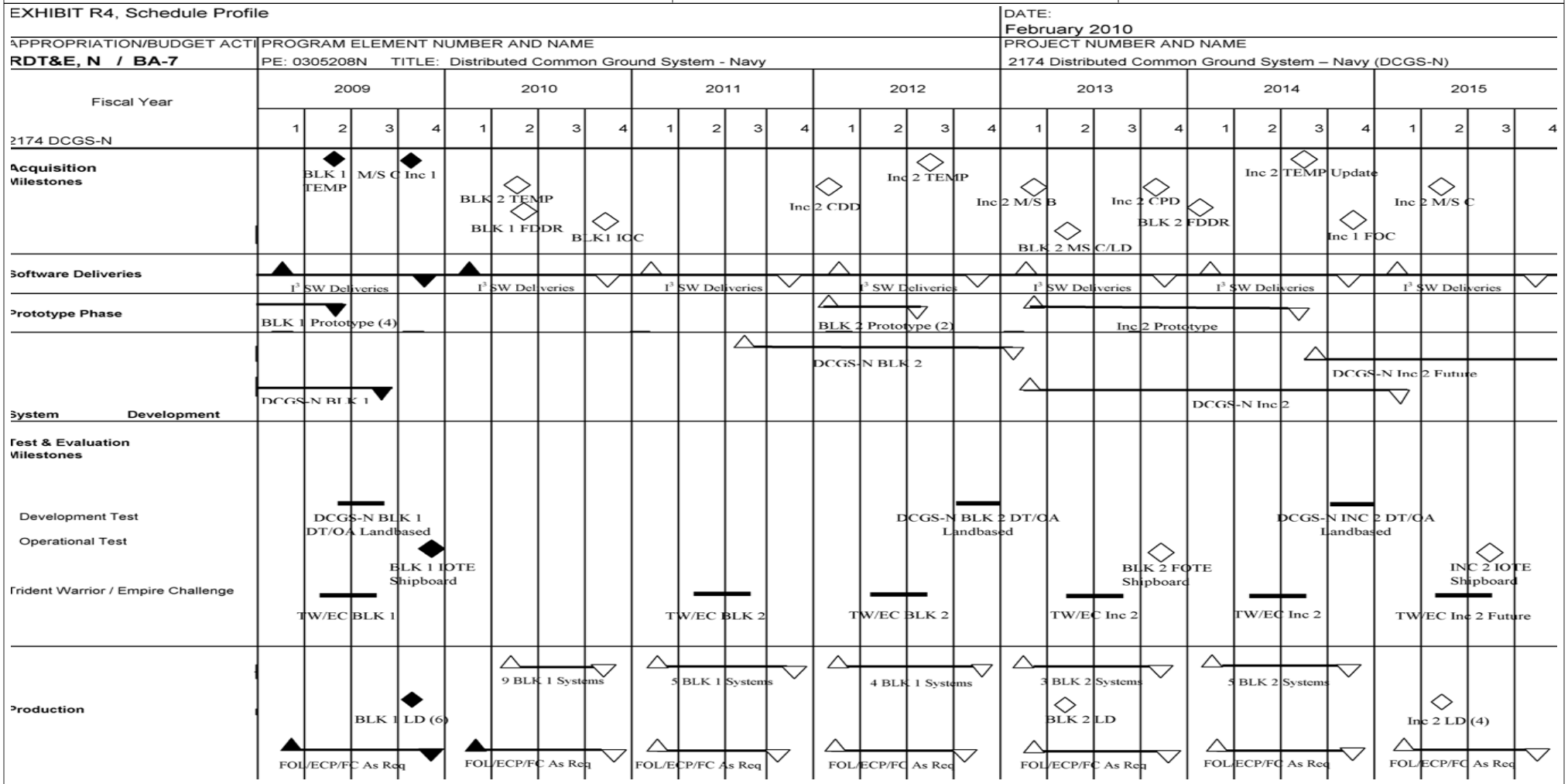

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 7: *Operational Systems Development*	**R-1 ITEM NOMENCLATURE** PE 0305208N: *Distributed Common Ground Sys*	**PROJECT** 2174: *CIGSS*

Schedule Details

	Start		End	
Event	**Quarter**	**Year**	**Quarter**	**Year**
DCGS-N BLK 1 DT/OA Landbased	2	2009	3	2009
DCGS-N BLK 1 IOTE Shipboard	4	2009	4	2009
DCGS-N BLK 2 DT/OA Landbased	4	2012	4	2012
DCGS-N BLK 2 FOTE Shipboard	4	2013	4	2013
DCGS-N Inc 2 DT/OA Landbased	2	2014	3	2014
DCGS-N Inc 2 IOTE Shipboard	3	2015	3	2015
Trident Warrior / Empire Challenge BLK 1 2009	2	2009	3	2009
Trident Warrior / Empire Challenge BLK 2 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 Future	2	2015	3	2015
Trident Warrior / Empire Challenge Inc 2 2014	2	2014	3	2014
I3 Software Deliveries 2010	1	2010	4	2010
I3 Software Deliveries	1	2009	4	2009
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

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	Start		End	
Event	Quarter	Year	Quarter	Year
I3 Software Deliveries 2015	1	2015	4	2015
DCGS-N BLK 1 Development	1	2009	3	2009
DCGS-N BLK 2 Development	3	2011	1	2013
DCGS-N Inc 2 Development	1	2013	1	2015
DCGS-N Inc 2 Future Development	3	2014	4	2015
DCGS-N BLK 1 FDDR	2	2010	2	2010
DCGS-N BLK 1 IOC	4	2010	4	2010
DCGS-N BLK 1 LD	4	2009	4	2009
DCGS-N BLK 1 TEMP	2	2009	2	2009
DCGS-N BLK 2 FDDR	1	2014	1	2014
DCGS-N BLK 2 M/S C (LD)	2	2013	2	2013
DCGS-N BLK 2 TEMP Update	2	2010	2	2010
DCGS-N Inc 2 TEMP	3	2012	3	2012
DCGS-N Inc 2 TEMP Update	3	2014	3	2014
DCGS-N Inc 1 FOC	4	2014	4	2014
DCGS-N Inc 1 M/S C Decision	4	2009	4	2009
DCGS-N Inc 2 CDD	1	2012	1	2012
DCGS-N Inc 2 CPD	4	2013	4	2013
DCGS-N Inc 2 M/S C Decision	2	2015	2	2015
DCGS-N Inc 2 LD	2	2015	2	2015

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	Start		End	
Event	Quarter	Year	Quarter	Year
DCGS-N Inc 2 M/S B Decision	1	2013	1	2013
DCGS-N Procurement	2	2010	4	2014
Fact of Life Upgrades/ECPs/Field Changes to Fielded Equipment	1	2009	4	2015
BLK 1 Prototype	1	2009	2	2009
BLK 2 Prototype	1	2012	3	2012
INC 2 Prototype 1	1	2013	4	2013
INC 2 Prototype 2	1	2014	4	2014