Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy	Date: February 2015
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305208N *I Distributed Common Ground Sys*

COST ($ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
Total Program Element	167.617	17.718	18.146	33.149	-	33.149	37.737	22.669	32.004	32.327	Continuing	Continuing
2174: *Distributed Common Ground System-Navy (DCGS-N)*	167.617	17.718	18.146	1.730	-	1.730	1.722	0.322	0.353	0.271	58.900	266.779
2227: *Distributed Common Ground System (DCGS-N) Inc 2*	0.000	-	-	31.419	-	31.419	36.015	22.347	31.651	32.056	Continuing	Continuing

Program MDAP/MAIS Code:
Project MDAP/MAIS Code(s): MN40, M464

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 compatible and interoperable across all of the Services' Intelligence, Surveillance and Reconnaissance (ISR) systems and operations. DCGS accesses and ingests data from space borne, airborne, subsurface, and surface ISR collection assets, intelligence databases and intelligence producers. This collected data is shared across a Joint enterprise using the DCGS Integration Backbone (DIB) and in time, the Defense Intelligence Information Enterprise (DI2E) 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) 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, DI2E, 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 (JMPS), and many others.

The DCGS-N Enterprise Node (DEN), which incorporates current DIB standards and DI2E policy, facilitates interoperability and data sharing among the DCGS FoS. DCGS-N ensures compliance with the DoD DCGS network architecture.

The Navy is establishing an ISR Enterprise way ahead that will emphasize a reach back strategy to provide intelligence products to support deployed ship and shore operations. The Navy will also migrate to a Service Oriented Architecture (SOA) that requires the development, integration, and testing of a Maritime ISR Enterprise

Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy	Date: February 2015
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305208N *I Distributed Common Ground Sys*

capability, development and migration of ISR SOA applications, and development and integration to leverage a Common Computing Environment (CCE). Additionally, DCGS-N will become the focal point for migration of Maritime Domain Awareness (MDA) fusion and analysis (MFAS) tool applications for the Navy.

DCGS-N Increment 2 addresses a critical shortfall in Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) capability and capacity to support operational, tactical planning, and execution across the full range of joint military operations. Existing TCPED shortfalls will be exacerbated by planned Navy, Joint, and Allied fielding of new Intelligence, Surveillance and Reconnaissance (ISR) platforms. Currently fielded systems provide localized processing capabilities that will be overwhelmed in future years without a significant change in the way the Navy processes, exploits and disseminates intelligence data. DCGS-N Increment 2 will deliver all source fusion and analytical capabilities; provide Maritime Domain Awareness (MDA) capabilities and integrate Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) capabilities to improve the use and analysis of sensor and platform data. Distributed Common Ground System- Navy (DCGS-N) Increment 2 will be based on an enterprise solution to share this information across commands, services, and agencies to promote shared situational awareness. DCGS-N Increment 2 consists of multiple releases. The first release provides an enhanced Navy Intelligence, Surveillance and Reconnaissance (ISR) enterprise that converges and builds on the DCGS-N Increment 1 and Maritime Domain Awareness Enterprise Nodes; leverages the Defense Intelligence Information Enterprise (DI2E); is compliant with the Common Computing Environment (CCE); federates ISR and TCPED workflow and production improving throughput through automation; exploits new and evolving unmanned systems sensor data; provides Multi-Intelligence (Multi-INT) cross-queuing and modular tools. The second release enhances afloat ISR capabilities by providing a set of software centric tools providing Multi-INT fusion and analysis, behavior prediction and intelligent knowledge management designed to operate in disconnected or denied communications environment. Follow-on releases will be developed based on Fleet requirements.

Intelligence Carry-On Program (ICOP) is a suite of multi-source intelligence and analytical capabilities which includes an integrated Three-Dimensional (3-D) operational picture displaying intelligence and other data sources to provide a richer and more complete picture of the battle space on Unit Level platforms. The system supports a full motion video capability that receives, processes, exploits, and disseminates organic and non-organic data as well as the ability to process and correlate Electronic Intelligence (ELINT) and external Communications Intelligence (COMINT Externals). It integrates mature Commercial Off-the-Shelf (COTS) and Government Off-the-Shelf (GOTS) applications with shared storage and communication paths to reach back to the DCGS-N Enterprise Node (DEN), and it provides data sharing to the Maritime Operations Centers (MOC) and national ISR systems, making tactical users a part of the larger ISR enterprise.

In FY16, DCGS-N Increment 1 will support development, integration and regression testing required to align with emerging national imagery standards.

In FY16 , DCGS-N Increment 2 will deliver Fleet Capability Release-0 (FCR-0) in support of the Program Executive Officer, Command, Control, Communications, Computers and Intelligence (PEO C4I) prototype effort. Increment 2 will begin development of Fleet Capability Release (FCR) 1.

Exhibit R-2, RDT&E Budget Item Justification: PB 2016 Navy					Date: February 2015
Appropriation/Budget Activity 1319: *Research, Development, Test & Evaluation, Navy I* BA 7: *Operational Systems Development*			R-1 Program Element (Number/Name) PE 0305208N *I Distributed Common Ground Sys*		
B. Program Change Summary ($ in Millions)	**FY 2014**	**FY 2015**	**FY 2016 Base**	**FY 2016 OCO**	**FY 2016 Total**
Previous President's Budget	17.718	18.146	19.699	-	19.699
Current President's Budget	17.718	18.146	33.149	-	33.149
Total Adjustments	-	-	13.450	-	13.450
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	-	-	13.685	-	13.685
• Rate/Misc Adjustments	-	-	-0.235	-	-0.235

Change Summary Explanation

Technical: Not applicable.

Schedule: 1) DCGS-N Increment 1's Full Deployment was moved to 1 QTR of FY15 to align with completion of fielding plan. Increment 1 Block 2 Development Test/Operational Assessment (DT/OA) was moved a half QTR to the right to align with Consolidated Afloat Networks and Enterprise Services (CANES) lab schedule availability.

2) DCGS-N Increment 2's development, milestones, and fielding have been updated.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy											Date: February 2015	
Appropriation/Budget Activity 1319 / 7					R-1 Program Element (Number/Name) PE 0305208N / *Distributed Common Ground Sys*				Project (Number/Name) 2174 / *Distributed Common Ground System-Navy (DCGS-N)*			
COST ($ in Millions)	**Prior Years**	**FY 2014**	**FY 2015**	**FY 2016 Base**	**FY 2016 OCO**	**FY 2016 Total**	**FY 2017**	**FY 2018**	**FY 2019**	**FY 2020**	**Cost To Complete**	**Total Cost**
2174: *Distributed Common Ground System-Navy (DCGS-N)*	167.617	17.718	18.146	1.730	-	1.730	1.722	0.322	0.353	0.271	58.900	266.779
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		

Project MDAP/MAIS Code: MN40

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 compatible and interoperable across all of the Services' Intelligence, Surveillance and Reconnaissance (ISR) systems and operations. DCGS accesses and ingests data from space borne, airborne, subsurface, and surface ISR collection assets, intelligence databases and intelligence producers. This collected data is shared across a Joint enterprise using the DCGS Integration Backbone (DIB) and in time, the Defense Intelligence Information Enterprise (DI2E) 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) 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, DI2E, 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 (JMPS), and many others.

The DCGS-N Enterprise Node (DEN), which incorporates current DIB standards and DI2E policy, facilitates interoperability and data sharing among the DCGS FoS. DCGS-N ensures compliance with the DoD DCGS network architecture.

The Navy is establishing an ISR Enterprise way ahead that will emphasize a reach back strategy to provide intelligence products to support deployed ship and shore operations. The Navy will also migrate to a Service Oriented Architecture (SOA) that requires the development, integration, and testing of a Maritime ISR Enterprise capability, development and migration of ISR SOA applications, and development and integration to leverage a Common Computing Environment (CCE). Additionally, DCGS-N will become the focal point for migration of Maritime Domain Awareness (MDA) fusion and analysis (MFAS) tool applications for the Navy.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** 2174 / *Distributed Common Ground System-Navy (DCGS-N)*

DCGS-N Increment 2 addresses a critical shortfall in Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) capability and capacity to support operational, tactical planning, and execution across the full range of joint military operations. Existing TCPED shortfalls will be exacerbated by planned Navy, Joint, and Allied fielding of new Intelligence, Surveillance and Reconnaissance (ISR) platforms. Currently fielded systems provide localized processing capabilities that will be overwhelmed in future years without a significant change in the way the Navy processes, exploits and disseminates intelligence data. DCGS-N Increment 2 will deliver all source fusion and analytical capabilities; provide Maritime Domain Awareness (MDA) capabilities and integrate Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) capabilities to improve the use and analysis of sensor and platform data. Distributed Common Ground System- Navy (DCGS-N) Increment 2 will be based on an enterprise solution to share this information across commands, services, and agencies to promote shared situational awareness. DCGS-N Increment 2 consists of multiple releases. The first release provides an enhanced Navy Intelligence, Surveillance and Reconnaissance (ISR) enterprise that converges and builds on the DCGS-N Increment 1 and Maritime Domain Awareness Enterprise Nodes; leverages the Defense Intelligence Information Enterprise (DI2E); is compliant with the Common Computing Environment (CCE); federates ISR and TCPED workflow and production improving throughput through automation; exploits new and evolving unmanned systems sensor data; provides Multi-Intelligence (Multi-INT) cross-queuing and modular tools. The second release enhances afloat ISR capabilities by providing a set of software centric tools providing Multi-INT fusion and analysis, behavior prediction and intelligent knowledge management designed to operate in disconnected or denied communications environment. Follow-on releases will be developed based on Fleet requirements.

Intelligence Carry-On Program (ICOP) is a suite of multi-source intelligence and analytical capabilities which includes an integrated Three-Dimensional (3-D) operational picture displaying intelligence and other data sources to provide a richer and more complete picture of the battle space on Unit Level platforms. The system supports a full motion video capability that receives, processes, exploits, and disseminates organic and non-organic data as well as the ability to process and correlate Electronic Intelligence (ELINT) and external Communications Intelligence (COMINT Externals). It integrates mature Commercial Off-the-Shelf (COTS) and Government Off-the-Shelf (GOTS) applications with shared storage and communication paths to reach back to the DCGS-N Enterprise Node (DEN), and it provides data sharing to the Maritime Operations Centers (MOC) and national ISR systems, making tactical users a part of the larger ISR enterprise.

In FY16, DCGS-N Increment 1 will support development, integration and regression testing required to align with emerging national imagery standards.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: DCGS-N Increment 1	3.300	0.100	1.730	-	1.730
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Conducted Block 2 Development Testing and prepared for Afloat Follow-On Test and Evaluation efforts. Began developing corrections of deficiencies to the Block 2 baseline based on results noted during FY14 integration efforts and development test events. Completed development of appropriate schoolhouse curricula in support of DCGS-N training plans.					
FY 2015 Plans:					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** 2174 / *Distributed Common Ground System-Navy (DCGS-N)*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Complete correction of deficiencies to the Block 2 baseline based on results noted during Block 2 Development Testing and Afloat Follow-On Test and Evaluation efforts. ***FY 2016 Base Plans:*** DCGS-N Increment 1 will develop, integrate, and perform regression testing required to align with emerging national imagery standards. In addition, DCGS-N Increment 1 will complete any statutory and regulatory requirements needed to meet national imagery standards. ***FY 2016 OCO Plans:*** N/A					
Title: DCGS-N Increment 2	10.072	16.421	-	-	-
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Began Increment 2 Information System Capability Development Document (IS CDD) Joint Staff routing, provided input to the draft Cost Analysis Requirements Description (CARD) and other acquisition documentation in support of the Development Request for Proposal (RFP) Decision Review. Employed an agile development methodology calling for early, frequent interactions between the developer and the user community to ensure that delivered capabilities met evolving user needs through the Requirements Governance Board (RGB). Continued to conduct exploratory studies, system requirements analysis, design, technical studies and experiments designed to reduce identified risks associated with the recommended AoA solution. ***FY 2015 Plans:*** Continue risk reduction efforts, conduct engineering reviews in accordance with agile development methodologies and develop Fleet Capability Release-0 (FCR-0) in support of the Program Executive Officer, Command, Control, Communications, Computers and Intelligence (PEO C4I) prototype. In addition, finalize Information System Capability Development Document (IS CDD) in preparation for a Requirements Decision Point, participate in a Development Request for Proposal (RFP) Decision Review and finalize acquisition documentation for the MS B review. ***FY 2016 Base Plans:*** N/A ***FY 2016 OCO Plans:***					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** 2174 / *Distributed Common Ground System-Navy (DCGS-N)*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
N/A					
Title: Intelligence Carry-On Program (ICOP)	4.346	1.625	-	-	-
Articles:	-	-	-	-	-
FY 2014 Accomplishments: Built on the Unit Level Rapid Technology Transition (RTT) prototypes and began statutory and regulatory documentation in accordance with pre-Milestone C Decision with a planned Initial Operational Capability (IOC) in FY15. Developed required acquisition documents including the Acquisition Strategy, Cost Analysis Requirements Description (CARD), Acquisition Program Baseline (APB), and Engineering documents such as: Test and Evaluation Master Plan (TEMP), System Engineering Plan (SEP), Tailored-Information Support Plan (T-ISP). Developed associated training documents and conducted developmental testing. ***FY 2015 Plans:*** Complete Topside Studies for LPD-17 and Guided Missile Cruiser class platforms, system design/integration activities, operational testing fixes and patches, and completion of acquisition documentation to support Milestone C/ Full Rate Production (FRP) in FY15. ***FY 2016 Base Plans:*** N/A ***FY 2016 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	17.718	18.146	1.730	-	1.730

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• OPN 2914: *Distributed Common Ground System-Navy (DCGS-N)*	17.350	23.649	31.809	-	31.809	28.374	22.538	7.885	12.315	285.500	722.226

Remarks

D. Acquisition Strategy

The Distributed Common Ground System - Navy (DCGS-N) program utilizes mature Commercial-Off-The-Shelf (COTS) and Governmental-Off-The-Shelf (GOTS) capabilities. The Navy adapts and integrates these capabilities and ensures interoperability with the DCGS Integration Backbone (DIB) standards and Defense

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** 2174 / *Distributed Common Ground System-Navy (DCGS-N)*

Intelligence Information Enterprise (DI2E) policies. 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. Intelligence Carry-On Program (ICOP) will focus on multi-source intelligence and analytical capabilities and unit-level Intelligence, Surveillance and Reconnaissance (ISR) processing, exploitation and dissemination for Surface operations, facilitating receipt, editing and sharing of imagery and video from aerial assets and shipboard cameras. ICOP will build on the Unit Level Rapid Technology Transition (RTT) prototypes.

E. Performance Metrics

DCGS-N Increment 1 Goal: Meet national imagery standards.

DCGS-N Increment 1 Metric: Support development, integration and regression testing required to align with emerging national imagery standards.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305208N / *Distributed Common Ground Sys*	Project (Number/Name) 2174 / *Distributed Common Ground System-Navy (DCGS-N)*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Hardware Development (prior)	WR	SSC LANT : Charleston, SC	5.276	-		-		-		-		-	-	5.276	-
Primary Hardware Development	C/CPFF	BAE : Rancho Bernardo, CA	5.825	2.000	Dec 2013	-		-		-		-	-	7.825	-
Systems Engineering (prior)	C/CPAF	Various : Various	8.753	-		-		-		-		-	-	8.753	-
Systems Engineering (prior)	C/CPAF	JFCOMM : Norfolk, VA	5.634	-		-		-		-		-	-	5.634	-
Systems Engineering	C/CPFF	BAE : Rancho Bernardo, CA	34.897	-		-		-		-		-	-	34.897	-
Systems Engineering (prior)	C/CPAF	LMSI : Valley Forge, PA	4.432	-		-		-		-		-	-	4.432	-
Systems Engineering	WR	SSC LANT : Charleston, SC	11.442	0.500	Oct 2013	-		0.300	Oct 2015	-		0.300	-	12.242	-
Systems Engineering	C/CPFF	SETA SAIC : Columbia, MD	5.810	1.000	Dec 2013	2.400	Dec 2014	-		-		-	-	9.210	-
Systems Engineering (prior)	Various	SAIC : Columbia, MD	4.804	-		-		-		-		-	-	4.804	-
Systems Engineering	C/CPFF	L3 : Chantilly, VA	4.736	-		-		-		-		-	-	4.736	-
Licenses (prior)	C/CPAF	BAE, SSC LANT : Various	0.660	-		-		-		-		-	-	0.660	-
Systems Engineering	WR	SSC PAC : San Diego, CA	5.236	3.000	Oct 2013	2.521	Oct 2014	-		-		-	-	10.757	-
Licenses	WR	SSC LANT : Charleston, SC	0.210	0.118	Oct 2013	-		-		-		-	-	0.328	-
Primary Hardware Development (Inc 2)	C/CPFF	Unknown : Unknown	0.000	-		1.600	Mar 2015	-		-		-	-	1.600	-
Primary Hardware Development	WR	SSC PAC : San Diego, CA	0.000	0.600	Oct 2013	0.800	Oct 2014	-		-		-	-	1.400	-
Software Development	C/CPFF	BAE : Rancho Bernardo, CA	0.890	0.370	Dec 2013	0.100	Dec 2014	-		-		-	-	1.360	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305208N / *Distributed Common Ground Sys*	Project (Number/Name) 2174 / *Distributed Common Ground System-Navy (DCGS-N)*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development	WR	SSC PAC : San Diego, CA	0.000	2.500	Oct 2013	0.270	Oct 2014	-		-		-	-	2.770	-
Software Development (Inc 2)	C/CPFF	Unknown : Unknown	0.000	-		5.125	Mar 2015	-		-		-	-	5.125	-
Licenses	WR	SSC PAC : San Diego, CA	0.000	-		0.100	Oct 2014	-		-		-	-	0.100	-
Software Development	WR	SSC LANT : Charleston, SC	0.000	-		-		0.300	Oct 2015	-		0.300	-	0.300	-
Government Technical Oversight (Dev)	WR	SSC LANT : Charleston, SC	0.000	-		-		0.100	Oct 2015	-		0.100	-	0.100	-
		Subtotal	98.605	10.088		12.916		0.700		-		0.700	-	122.309	-

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.

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support (prior)	Various	Various : Various	4.136	-		-		-		-		-	-	4.136	-
Software Development (prior)	C/CPAF	BAE, NG : Various	16.733	-		-		-		-		-	-	16.733	-
Integrated Logistics Support (prior)	Various	L3, SAIC : Various	4.380	-		-		-		-		-	-	4.380	-
Configuration Management (prior)	C/CPAF	L3 : Chantilly, VA	2.353	-		-		-		-		-	-	2.353	-
Technical Data (prior)	Various	L3, SSC CHAS : Various	0.577	-		-		-		-		-	-	0.577	-
Development Support	C/CPFF	SETA SAIC : Columbia, MD	3.531	0.350	Dec 2013	0.400	Dec 2014	-		-		-	-	4.281	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305208N / *Distributed Common Ground Sys*	Project (Number/Name) 2174 / *Distributed Common Ground System-Navy (DCGS-N)*	

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support	WR	SSC LANT : Charleston, SC	1.180	0.300	Oct 2013	-		0.200	Oct 2015	-		0.200	-	1.680	-
Software Development	C/CPFF	Northrop Grumman : Los Angeles, CA	1.899	-		-		-		-		-	-	1.899	-
Integrated Logistics Support	WR	SSC LANT : Charleston, SC	2.287	0.600	Oct 2013	-		-		-		-	-	2.887	-
Configuration Management (Prior)	WR	SSC LANT : Charleston, SC	2.108	-		-		-		-		-	-	2.108	-
Development Support	WR	SSC PAC : San Diego, CA	0.100	0.500	Oct 2013	0.600	Oct 2014	-		-		-	-	1.200	-
Integrated Logistics Support	WR	SSC PAC : San Diego, CA	0.200	0.200	Oct 2013	0.200	Oct 2014	-		-		-	-	0.600	-
Integrated Logistics Support	C/CPFF	SETA SAIC : Columbia, MD	0.700	0.350	Dec 2013	0.400	Dec 2014	-		-		-	-	1.450	-
Configuration Management	WR	SSC PAC : San Diego, CA	0.500	0.500	Oct 2013	0.300	Oct 2014	-		-		-	-	1.300	-
		Subtotal	40.684	2.800		1.900		0.200		-		0.200	-	45.584	-

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	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation (prior)	Various	SAIC, L3, SSC LANT : Various	10.443	-		-		-		-		-	-	10.443	-
Operational Test & Evaluation (prior)	Various	SAIC, NAWC, NGES, OPTEVFOR, NSWC Corona : Various	5.056	-		-		-		-		-	-	5.056	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** 2174 / *Distributed Common Ground System-Navy (DCGS-N)*

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	C/CPFF	BAE : Rancho Bernardo, CA	1.186	0.300	Dec 2013	-		-		-		-	-	1.486	-
Developmental Test & Evaluation	WR	SSC LANT : Charleston, SC	1.747	0.500	Oct 2013	-		0.600	Oct 2015	-		0.600	-	2.847	-
Operational Test & Evaluation	WR	SSC PAC : San Diego, CA	0.238	-		-		-		-		-	-	0.238	-
Operational Test & Evaluation	C/CPFF	BAE : Rancho Bernardo, CA	1.360	0.400	Dec 2013	-		-		-		-	-	1.760	-
Operational Test & Evaluation	WR	SSC LANT : Charleston, CA	0.120	-		-		-		-		-	-	0.120	-
Operational Test & Evaluation	C/CPFF	COTF : Norfolk, VA	0.120	-		-		0.100	Jul 2016	-		0.100	-	0.220	-
Developmental Test & Evaluation	WR	SSC PAC : San Diego, CA	0.000	1.800	Oct 2013	1.700	Oct 2014	-		-		-	-	3.500	-
Developmental Test & Evaluation	C/CPFF	COTF : Norfolk, VA	0.100	0.200	Jul 2014	0.200	Apr 2015	-		-		-	-	0.500	-
		Subtotal	20.370	3.200		1.900		0.700		-		0.700	-	26.170	-

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	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support (prior)	C/CPAF	SAIC : Columbia, MD	1.316	-		-		-		-		-	-	1.316	-
Travel	Allot	SPAWAR : San Diego, CA	0.779	0.030	Nov 2013	0.030	Nov 2014	0.020	Nov 2015	-		0.020	-	0.859	-
Government Engineering Support	WR	SSC LANT : Charleston, SC	1.484	-		-		0.080	Nov 2015	-		0.080	-	1.564	-

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** 2174 / *Distributed Common Ground System-Navy (DCGS-N)*

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support	C/CPFF	PSS BAH : San Diego, CA	2.571	1.350	Nov 2013	1.400	Nov 2014	0.030	Nov 2015	-		0.030	-	5.351	-
Program Management Support	WR	SSC LANT : Charleston, SC	1.378	0.250	Oct 2013	-		-		-		-	-	1.628	-
Program Management Support	WR	SSC PAC : San Diego, CA	0.430	-		-		-		-		-	-	0.430	-
		Subtotal	7.958	1.630		1.430		0.130		-		0.130	-	11.148	-

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.

	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	167.617	17.718		18.146		1.730		-		1.730	-	205.211	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** 2174 / *Distributed Common Ground System-Navy (DCGS-N)*

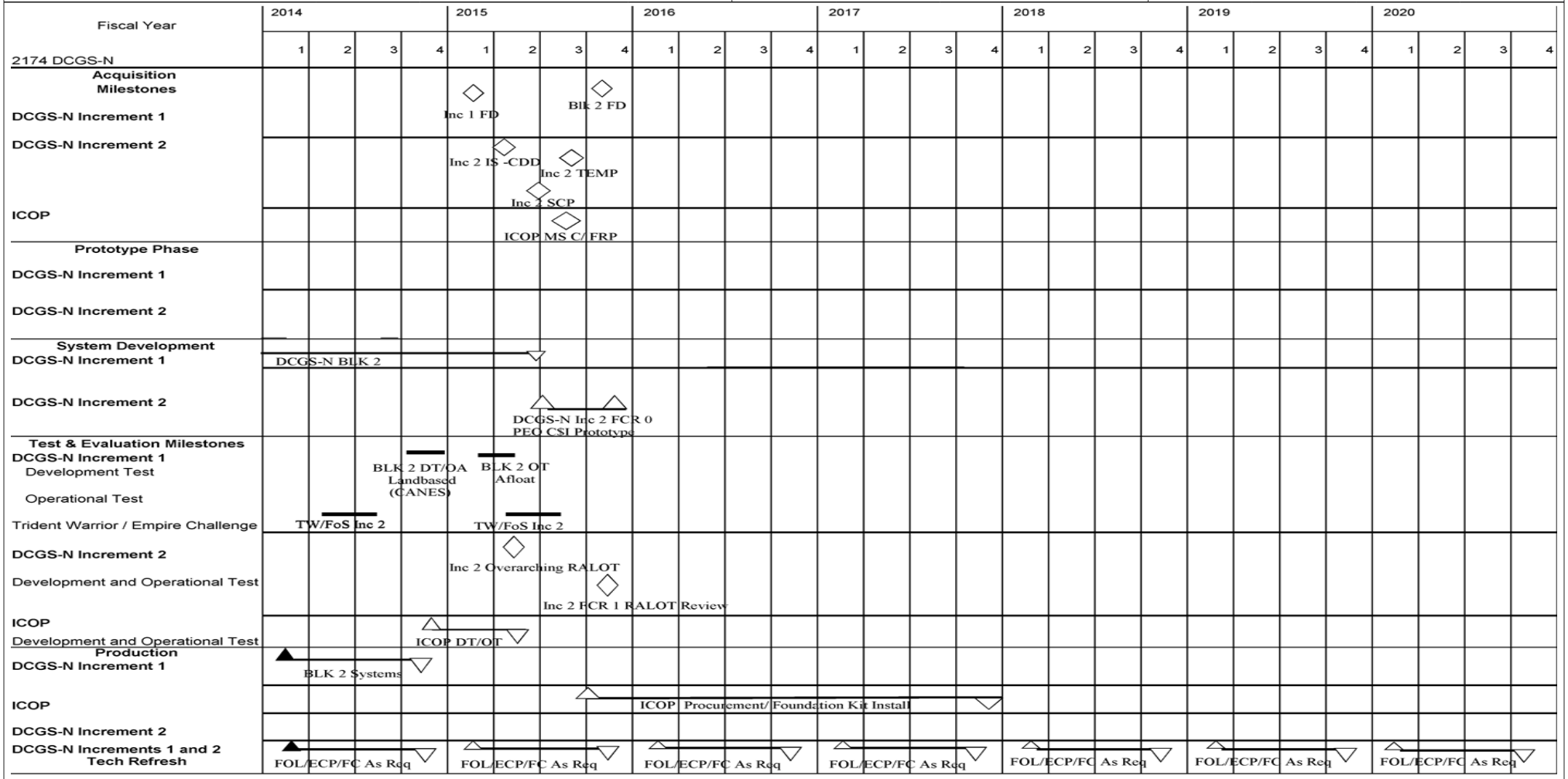

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** 2174 / *Distributed Common Ground System-Navy (DCGS-N)*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 2174				
DCGS-N Inc 2 FCR-1 RALOT Review	4	2015	4	2015
Trident Warrior / DCGS Family of Systems Inc 2 2014	2	2014	3	2014
Trident Warrior / DCGS Family of Systems Inc 2 2015	2	2015	3	2015
DCGS-N BLK 2 Development	1	2014	2	2015
DCGS-N Inc 1 FD	1	2015	1	2015
ICOP and Foundation Kit Procurement	3	2015	4	2017
DCGS-N BLK 2 DT/OA Landbased (CANES)	4	2014	4	2014
DCGS-N BLK 2 OT AFLOAT	1	2015	2	2015
DCGS-N Inc 1 Procurement	1	2014	4	2014
DCGS-N Inc 1 Tech Refresh	1	2014	4	2020
DCGS-N Inc 1 BLK 2 FD	4	2015	4	2015
ICOP MS C/FRP	3	2015	3	2015
ICOP DT/OT	4	2014	2	2015
DCGS-N Inc 2 FCR-0 PEO C4I Prototype	3	2015	4	2015

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305208N / *Distributed Common Ground Sys*	Project (Number/Name) *2227 / Distributed Common Ground System (DCGS-N) Inc 2*	

COST ($ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
2227: *Distributed Common Ground System (DCGS-N) Inc 2*	-	-	-	31.419	-	31.419	36.015	22.347	31.651	32.056	Continuing	Continuing
Quantity of RDT&E Articles		-	-	-	-	-	1	-	-	-		

Project MDAP/MAIS Code: M464

Note

Cost-To-Complete reflects DCGS-N Increment 2 only. DCGS-N Increment 2 reflects August 2014 Program Life Cycle Cost Estimate (PLCCE) and a Life Cycle Cost Estimate (LCCE) is scheduled to complete in FY16 as part of Milestone B.

A. Mission Description and Budget Item Justification

DCGS-N Increment 2 addresses a critical shortfall in Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) capability and capacity to support operational, tactical planning, and execution across the full range of joint military operations. Existing TCPED shortfalls will be exacerbated by planned Navy, Joint, and Allied fielding of new Intelligence, Surveillance and Reconnaissance (ISR) platforms. Currently fielded systems provide localized processing capabilities that will be overwhelmed in future years without a significant change in the way the Navy processes, exploits and disseminates intelligence data. DCGS-N Increment 2 will deliver all source fusion and analytical capabilities; provide Maritime Domain Awareness (MDA) capabilities and integrate Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) capabilities to improve the use and analysis of sensor and platform data. Distributed Common Ground System- Navy (DCGS-N) Increment 2 will be based on an enterprise solution to share this information across commands, services, and agencies to promote shared situational awareness. DCGS-N Increment 2 consists of multiple releases. The first release provides an enhanced Navy Intelligence, Surveillance and Reconnaissance (ISR) enterprise that converges and builds on the DCGS-N Increment 1 and Maritime Domain Awareness Enterprise Nodes; leverages the Defense Intelligence Information Enterprise (DI2E); is compliant with the Common Computing Environment (CCE); federates ISR and TCPED workflow and production improving throughput through automation; exploits new and evolving unmanned systems sensor data; provides Multi-Intelligence (Multi-INT) cross-queuing and modular tools. The second release enhances afloat ISR capabilities by providing a set of software centric tools providing Multi-INT fusion and analysis, behavior prediction and intelligent knowledge management designed to operate in disconnected or denied communications environment. Follow-on releases will be developed based on Fleet requirements.

In FY16 , DCGS-N Increment 2 will deliver Fleet Capability Release-0 (FCR-0) in support of the Program Executive Officer, Command, Control, Communications, Computers and Intelligence (PEO C4I) prototype effort. Increment 2 will begin development of Fleet Capability Release (FCR) 1.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: DCGS-N Increment 2	-	-	31.419	-	31.419
Articles:	-	-	-	-	-
FY 2014 Accomplishments:					

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
N/A ***FY 2015 Plans:*** N/A ***FY 2016 Base Plans:*** Will develop, deliver, install and demonstrate Fleet Capability Release-0 (FCR-0) in support of the Program Executive Office, Command, Control, Communications, Computers and Intelligence (PEO C4I) prototype effort. Will prepare and deliver statutory and regulatory requirements/artifacts for MS-B review. MS-B preparations, and development and integration of FCR-1 will entail significant engineering design and development work. This design and development work includes statutory and regulatory requirements such as completing the program's Acquisition Strategy, System Engineering Plan, Integrated Logistics Assessment, and ensuring operational and Acquisition alignment of requirements, resources, and schedule. Will execute development and integration of Fleet Capability Release-1 (FCR-1) in preparation for fielding aboard the Initial Operational Test and Evaluation platform in FY18. In conjunction with FCR-1 development and integration, MS-B artifacts will need to be updated and aligned with on-going FY16 agile software development. Preparations for the development and integration of FCR-1 include capturing the initial lessons learned and best practices from the FCR-0 prototype effort and initial prioritization of the Requirements Development Package (RDP) in support of the DCGS-N Requirements Governance Board (DRGB) process. ***FY 2016 OCO Plans:*** N/A					
Accomplishments/Planned Programs Subtotals	-	-	31.419	-	31.419

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
• 0305208N/2914: *Distributed Common Ground System-Navy*	17.350	23.649	31.809	-	31.809	28.374	22.538	7.885	12.315	285.500	722.226

Remarks

D. Acquisition Strategy

The DCGS-N Increment 2 streamlined Information Technology (IT) acquisition strategy is based on an accelerated acquisition model as defined in the Interim Department of Defense Instruction (DoDI 5000.02). DCGS-N Increment 2 capabilities will be developed through an evolutionary process that calls for multiple releases.

Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

E. Performance Metrics

DCGS-N Increment 2 Goal: Support afloat forces through a robust enterprise ISR capability, satisfying maritime needs for processing, exploitation, and dissemination.
DCGS-N Increment 2 Metric: Successful completion of Development Release for Proposal (RFP) review.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Primary Hardware Development	WR	SSC PAC : San Diego, CA	0.000	-		-		5.300	Oct 2015	-		5.300	-	5.300	-
Software Development	WR	SSC PAC : San Diego, CA	0.000	-		-		14.625	Oct 2015	-		14.625	-	14.625	-
Software Development (Inc 2)	C/CPFF	Unknown : Unknown	0.000	-		-		6.220	Mar 2016	-		6.220	50.672	56.892	-
Software Development	WR	SSC LANT : Charleston, SC	0.000	-		-		0.800	Oct 2015	-		0.800	-	0.800	-
Government Technical Oversite (Dev)	WR	SSC LANT : Charleston, SC	0.000	-		-		0.200	Oct 2015	-		0.200	-	0.200	-
		Subtotal	0.000	-		-		27.145		-		27.145	50.672	77.817	-

Remarks

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

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Development Support	C/CPFF	SETA SAIC : Columbis, MD	0.000	-		-		0.600	Dec 2015	-		0.600	-	0.600	-
Development Support	WR	SSC LANT : Charleston, SC	0.000	-		-		0.150	Oct 2015	-		0.150	3.426	3.576	-
Integrated Logistics Support	WR	SSC LANT : Charleston, SC	0.000	-		-		0.250	Oct 2015	-		0.250	-	0.250	-
Integrated Logistics Support	C/CPFF	SETA SAIC : Columbis, MD	0.000	-		-		0.720	Dec 2015	-		0.720	-	0.720	-
		Subtotal	0.000	-		-		1.720		-		1.720	3.426	5.146	-

Remarks

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

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WR	SSC LANT : Charleston, SC	0.000	-		-		0.250	Oct 2015	-		0.250	3.877	4.127	-
Developmental Test & Evaluation	WR	SSC PAC : San Diego, CA	0.000	-		-		0.800	Oct 2015	-		0.800	-	0.800	-
Developmental Test & Evaluation	C/CPFF	COTF : Norfolk, VA	0.000	-		-		0.400	Nov 2015	-		0.400	-	0.400	-
		Subtotal	0.000	-		-		1.450		-		1.450	3.877	5.327	-

Remarks

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

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2014 Cost	FY 2014 Award Date	FY 2015 Cost	FY 2015 Award Date	FY 2016 Base Cost	FY 2016 Base Award Date	FY 2016 OCO Cost	FY 2016 OCO Award Date	FY 2016 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Travel	Allot	SPAWAR : San Diego, CA	0.000	-		-		0.180	Nov 2015	-		0.180	-	0.180	-
Government Engineering Support	WR	SSC LANT : Charleston, SC	0.000	-		-		0.154	Nov 2015	-		0.154	-	0.154	-
Program Management Support	C/CPFF	PSS BAH : San Diego, CA	0.000	-		-		0.270	Nov 2015	-		0.270	-	0.270	-
Program Management Support	WR	SSC LANT : Charleston, SC	0.000	-		-		0.300	Oct 2015	-		0.300	2.225	2.525	-
Program Management Support	WR	SSC PAC : San Diego, CA	0.000	-		-		0.200	Oct 2015	-		0.200	-	0.200	-
		Subtotal	0.000	-		-		1.104		-		1.104	2.225	3.329	-

Remarks

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

Exhibit R-3, RDT&E Project Cost Analysis: PB 2016 Navy			Date: February 2015
Appropriation/Budget Activity 1319 / 7	R-1 Program Element (Number/Name) PE 0305208N / *Distributed Common Ground Sys*	Project (Number/Name) *2227 / Distributed Common Ground System (DCGS-N) Inc 2*	

	Prior Years	FY 2014		FY 2015		FY 2016 Base		FY 2016 OCO		FY 2016 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	0.000	-		-		31.419		-		31.419	60.200	91.619	-

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

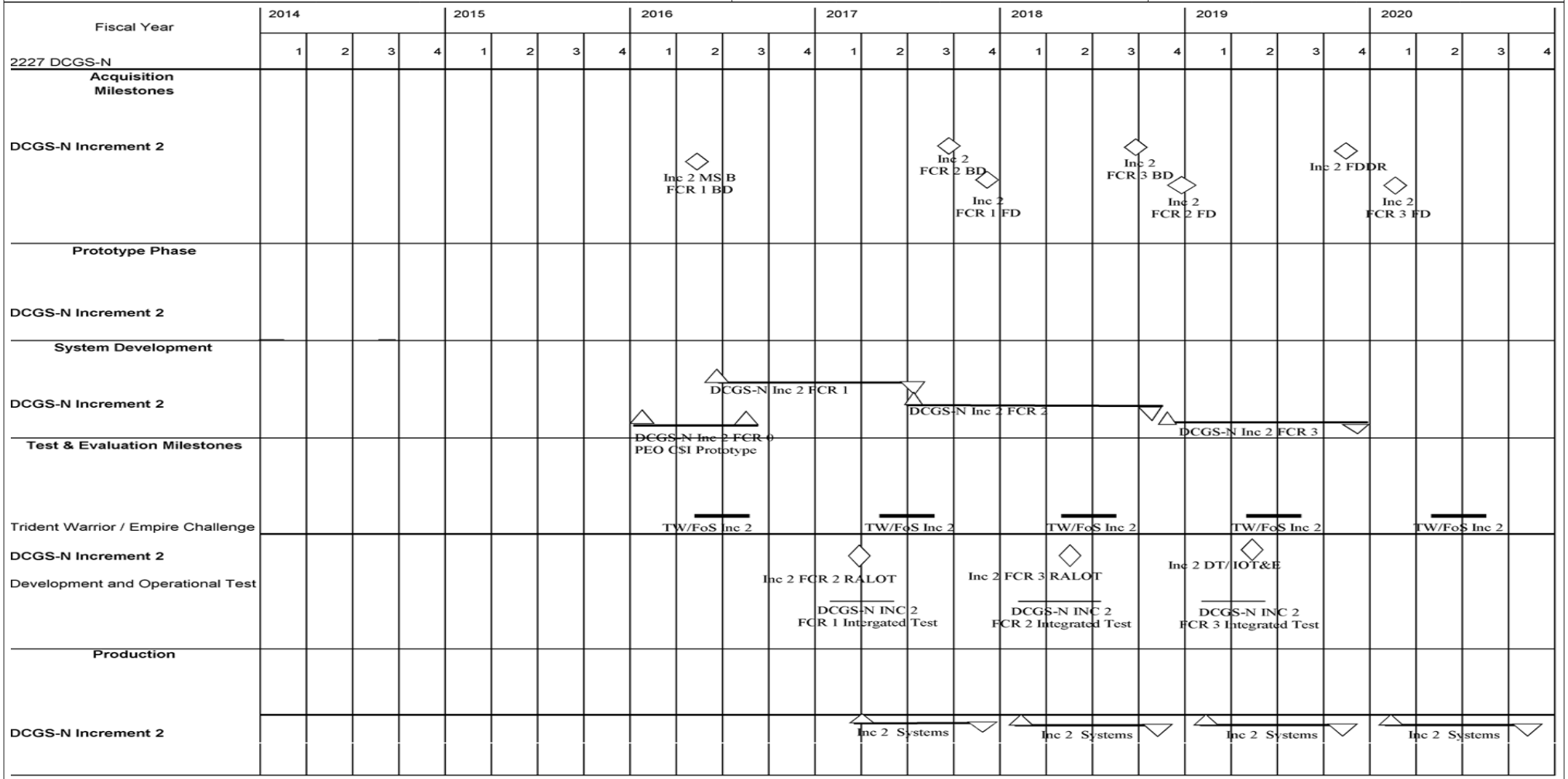

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
Proj 2227				
Trident Warrior/DCGS Family of Systems Inc 2 2016	2	2016	3	2016
Trident Warrior/DCGS Family of Systems Inc 2 2017	2	2017	3	2017
Trident Warrior/DCGS Family of Systems Inc 2 2018	2	2018	3	2018
Trident Warrior/DCGS Family of Systems Inc 2 2019	2	2019	3	2019
Trident Warrior/DCGS Family of Systems Inc 2 2020	2	2020	3	2020
DCGS-N Inc 2 FCR-1 Development	2	2016	3	2017
DCGS-N Inc 2 FCR-2 Development	3	2017	4	2018
DCGS-N Inc 2 FCR-3 Development	4	2018	4	2019
DCGS-N Inc 2 Release 1 Build Decision (MS B)	2	2016	2	2016
DCGS-N Inc 2 Procurement	1	2017	4	2020
DCGS-N Inc 2 FDDR	4	2019	4	2019
DCGS-N Inc 2 Fielding Decision	4	2017	4	2017
DCGS-N Inc 2 FCR-2 Build Decision	3	2017	4	2017
DCGS-N Inc 2 FCR-3 Build Decision	3	2018	4	2018
DCGS-N Inc 2 FCR-2 RALOT Review	1	2017	2	2017
DCGS-N Inc 2 DT/IOT&E	2	2019	2	2019
DCGS-N Inc 2 FCR-3 RALOT Review	2	2018	2	2018
DCGS-N Inc 2 FCR-2 Fielding Decision	4	2018	1	2019
DCGS-N Inc 2 FCR-3 Fielding Decision	1	2020	1	2020
DCGS-N Inc 2 FCR-0 PEO C4I Prototype	1	2016	3	2016
DCGS-N Inc 2 FCR-1 Integrated Test	1	2017	2	2017

Exhibit R-4A, RDT&E Schedule Details: PB 2016 Navy		Date: February 2015
Appropriation/Budget Activity 1319 / 7	**R-1 Program Element (Number/Name)** PE 0305208N / *Distributed Common Ground Sys*	**Project (Number/Name)** *2227 / Distributed Common Ground System (DCGS-N) Inc 2*

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
DCGS-N Inc 2 FCR-2 Integrated Test	1	2018	3	2018
DCGS-N Inc 2 FCR-3 Integrated Test	1	2019	2	2019