| Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Navy | | | | | | | | | | | Date: May 2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Appropriation/Budget Activity<br>1319: *Research, Development, Test & Evaluation, Navy I* BA 7: *Operational Systems Development* | | | | | R-1 Program Element (Number/Name)<br>PE 0305208N *I Distributed Common Ground Sys* | | | | | | | |
| **COST ($ in Millions)** | **Prior Years** | **FY 2016** | **FY 2017** | **FY 2018 Base** | **FY 2018 OCO** | **FY 2018 Total** | **FY 2019** | **FY 2020** | **FY 2021** | **FY 2022** | **Cost To Complete** | **Total Cost** |
| Total Program Element | 203.481 | 23.149 | 44.571 | 46.150 | - | 46.150 | 48.207 | 42.293 | 36.333 | 38.158 | Continuing | Continuing |
| 2174: *Distributed Common Ground System-Navy (DCGS-N)* | 203.481 | 1.730 | 1.637 | 0.325 | - | 0.325 | 0.356 | 0.274 | 0.280 | 0.285 | Continuing | Continuing |
| 2227: *Distributed Common Ground System (DCGS-N) Inc 2* | 0.000 | 21.419 | 42.934 | 45.825 | - | 45.825 | 47.851 | 42.019 | 36.053 | 37.873 | 80.800 | 354.774 |
| **Program MDAP/MAIS Code:**<br>**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 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 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 (ISR&T) 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: FY 2018 Navy | Date: May 2017 |
|---|---|
| **Appropriation/Budget Activity**<br>1319: *Research, Development, Test & Evaluation, Navy I* BA 7: *Operational Systems Development* | **R-1 Program Element (Number/Name)**<br>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) and the Intelligence Community Information Technology Enterprise (IC ITE). Distributed Common Ground System - Navy (DCGS-N) will also become the focal point for migration of Maritime Domain Awareness (MDA) fusion and analysis Maritime Fusion & Analysis (MFAS) tool applications for the Navy. Additionally, ISR systems will play key roles in enabling the national-to-tactical integration necessary for an integrated maritime targeting capability in support of kinetic and non-kinetic fires.

Distributed Common Ground System-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 MDA capabilities and integrate TCPED capabilities to improve the use and analysis of sensor and platform data. 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 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) and the IC ITE; federates ISR and TCPED workflow and production improving throughout the 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 FY18, DCGS-N Increment 1 will continue supporting development, integration and regression testing required to align with emerging national imagery standards for tech refreshes and End-of-Life Upgrades.

In FY18, DCGS-N Increment 2 will complete development of Fleet Capability Release 1 (FCR-1) which comprises the ashore backbone of the Navy's Intelligence, Surveillance, Reconnaissance and Targeting (ISR&T) enterprise and will contain enterprise data and analytics and synchronize the Common Intelligence Picture across the Fleet. This portion of the DCGS-N Increment 2 system will support future test events. At the conclusion of development of FCR-1 the program will conduct an In Progress Test Review and integrated test of the of the FCR-1 build including rigorous cyber security testing culminating in a Fielding Technical Review to support the FCR-1 Fielding Decision Review in FY19. The program will begin planning for FCR-2 including developing the Requirements Definition Package (RDP), preparing for the Build Technical Review, and Build Decision. DGCS-N Increment 2 will begin Passive Targeting Efforts leveraging Office of Naval Research (ONR) Electromagnetic Battle Management (EMBM) Future Naval Capabilities (FNC) to network and fuse passive targeting data.

| Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Navy | | | | | Date: May 2017 |
|---|---|---|---|---|---|
| Appropriation/Budget Activity<br>1319: *Research, Development, Test & Evaluation, Navy I* BA 7: *Operational Systems Development* | | R-1 Program Element (Number/Name)<br>PE 0305208N *I Distributed Common Ground Sys* | | | |
| **B. Program Change Summary ($ in Millions)** | **FY 2016** | **FY 2017** | **FY 2018 Base** | **FY 2018 OCO** | **FY 2018 Total** |
| Previous President's Budget | 23.149 | 44.571 | 36.301 | - | 36.301 |
| Current President's Budget | 23.149 | 44.571 | 46.150 | - | 46.150 |
| Total Adjustments | 0.000 | 0.000 | 9.849 | - | 9.849 |
| • Congressional General Reductions | - | - | | | |
| • Congressional Directed Reductions | - | - | | | |
| • Congressional Rescissions | - | - | | | |
| • Congressional Adds | - | - | | | |
| • Congressional Directed Transfers | - | - | | | |
| • Reprogrammings | - | - | | | |
| • SBIR/STTR Transfer | - | - | | | |
| • Program Adjustments | 0.000 | 0.000 | 9.200 | - | 9.200 |
| • Rate/Misc Adjustments | 0.000 | 0.000 | 0.649 | - | 0.649 |

**Change Summary Explanation**

Technical: Distributed Common Ground System - Navy (DCGS-N) Increment 2 ($5.83M) program adjustment was added via tech change from within PE 0305208N to fund the program to the approved Component Cost Position (CCP) and updated schedule. Also, an increase ($4M) for Passive Targeting Efforts leveraging Office of Naval Research (ONR) Electromagnetic Battle Management (EMBM) Future Naval Capabilities (FNC) to network and fuse passive targeting data.

Schedule: 1) DCGS-N Increment 2's development, milestones, and fielding have been updated to reflect a Milestone B approved schedule.

| Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy | | | | | | | | | | | Date: May 2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Appropriation/Budget Activity<br>1319 / 7 | | | | | R-1 Program Element (Number/Name)<br>PE 0305208N / *Distributed Common Ground Sys* | | | | Project (Number/Name)<br>2174 / *Distributed Common Ground System-Navy (DCGS-N)* | | | |
| **COST ($ in Millions)** | **Prior Years** | **FY 2016** | **FY 2017** | **FY 2018 Base** | **FY 2018 OCO** | **FY 2018 Total** | **FY 2019** | **FY 2020** | **FY 2021** | **FY 2022** | **Cost To Complete** | **Total Cost** |
| 2174: *Distributed Common Ground System-Navy (DCGS-N)* | 203.481 | 1.730 | 1.637 | 0.325 | - | 0.325 | 0.356 | 0.274 | 0.280 | 0.285 | Continuing | Continuing |
| 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 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 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 (ISR&T) 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) and the Intelligence Community Information Technology Enterprise (IC ITE). Additionally, DCGS-N will become the focal point for migration of Maritime Domain Awareness (MDA) fusion and analysis Maritime Fusion & Analysis (MFAS) tool applications for the Navy.

| Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>2174 / *Distributed Common Ground System-Navy (DCGS-N)* |

Distributed Common Ground System - 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. Distributed Common Ground System-Navy (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. 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) and the Intelligence Community Information Technology Enterprise (IC ITE); federates ISR and TCPED workflow and production improving throughout the 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 FY18, DCGS-N Increment 1 will continue supporting development, integration and regression testing required to align with emerging national imagery standards for tech refreshes and End-of-Life Upgrades.

| B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each) | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total |
|---|---|---|---|---|---|
| ***Title:*** DCGS-N Increment 1 | 1.730 | 1.637 | 0.325 | 0.000 | 0.325 |
| ***Articles:*** | - | - | - | - | - |
| ***FY 2016 Accomplishments:***<br>DCGS-N Increment 1 completed Operational Testing of the Block 2 system and continued to develop, integrate, and perform regression testing required to align with emerging national imagery standards; completed integration into Block 2 Afloat and Ashore baselines. | | | | | |
| ***FY 2017 Plans:***<br>DCGS-N Increment 1 continues to develop, integrate, and perform regression testing required to align with emerging national imagery standards. In addition, DCGS-N Increment 1 to complete any statutory and regulatory requirements needed to meet national imagery standards. | | | | | |
| ***FY 2018 Base Plans:*** | | | | | |

| Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>2174 / *Distributed Common Ground System-Navy (DCGS-N)* |

| B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each) | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total |
|---|---|---|---|---|---|
| In FY18, DCGS-N Increment 1 will continue supporting development, integration and regression testing required to align with emerging national imagery standards for tech refreshes and End-of-Life Upgrades.<br>***FY 2018 OCO Plans:***<br>N/A | | | | | |
| **Accomplishments/Planned Programs Subtotals** | 1.730 | 1.637 | 0.325 | 0.000 | 0.325 |

**C. Other Program Funding Summary ($ in Millions)**

| Line Item | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total | FY 2019 | FY 2020 | FY 2021 | FY 2022 | Cost To Complete | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| • OPN 2914: *Distributed Common Ground System-Navy (DCGS-N)* | 31.809 | 24.676 | 13.790 | 6.392 | 20.182 | 13.005 | 10.995 | 23.107 | 16.472 | 242.100 | 589.983 |

**Remarks**

0305208N/2914 is a shared PE with Distributed Common Ground System-Navy (DCGS-N) Increment 1, Increment 2, and Intelligence Carry-On Program (ICOP)

**D. Acquisition Strategy**

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 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.

**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: FY 2018 Navy | | | Date: May 2017 |
|---|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>2174 / *Distributed Common Ground System-Navy (DCGS-N)* | |

**Product Development ($ in Millions)**

| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | FY 2016 Cost | FY 2016 Award Date | FY 2017 Cost | FY 2017 Award Date | FY 2018 Base Cost | FY 2018 Base Award Date | FY 2018 OCO Cost | FY 2018 OCO Award Date | FY 2018 Total Cost | Cost To Complete | Total Cost | Target Value of Contract |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Product Development Prior Years | Various | Various : Various | 77.345 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 77.345 | - |
| Systems Engineering | WR | SSC LANT : Charleston, SC | 11.942 | 0.200 | Nov 2015 | 0.181 | Nov 2016 | 0.150 | Nov 2017 | - | | 0.150 | Continuing | Continuing | Continuing |
| Systems Engineering | C/CPFF | SETA SAIC : Columbia, MD | 9.210 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 9.210 | - |
| Systems Engineering | WR | SSC PAC : San Diego, CA | 11.027 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 11.027 | - |
| Integration Assembly & Test | C/CPFF | BAE : Rancho Bernardo, CA | 0.000 | 0.600 | Nov 2015 | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 0.600 | - |
| Integration Assembly & Test | WR | SSC PAC : San Diego, CA | 0.000 | 0.150 | Nov 2015 | 0.100 | Nov 2016 | 0.000 | | - | | 0.000 | 0.000 | 0.250 | - |
| Integration Assembly & Test | C/CPFF | NSWC China Lake : China Lake, CA | 0.000 | 0.000 | | 0.600 | Jun 2017 | 0.100 | Nov 2017 | - | | 0.100 | 0.000 | 0.700 | - |
| Primary Hardware Development | WR | SSC PAC : San Diego, CA | 1.500 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 1.500 | - |
| Software Development | C/CPFF | BAE : Rancho Bernardo, CA | 2.460 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 2.460 | - |
| Software Development | WR | SSC PAC : San Diego, CA | 7.625 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 7.625 | - |
| Licenses | WR | SSC PAC : San Diego, CA | 0.100 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 0.100 | - |
| Government Technical Oversight (Dev) | WR | SSC LANT : Charleston, SC | 0.000 | 0.200 | Nov 2015 | 0.191 | Nov 2016 | 0.075 | Nov 2017 | - | | 0.075 | 0.000 | 0.466 | - |
| | | **Subtotal** | 121.209 | 1.150 | | 1.072 | | 0.325 | | - | | 0.325 | - | - | - |

**Support ($ in Millions)**

| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | FY 2016 Cost | FY 2016 Award Date | FY 2017 Cost | FY 2017 Award Date | FY 2018 Base Cost | FY 2018 Base Award Date | FY 2018 OCO Cost | FY 2018 OCO Award Date | FY 2018 Total Cost | Cost To Complete | Total Cost | Target Value of Contract |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Support Prior Years | Various | Various : Various | 35.073 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 35.073 | - |

| Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Navy | | | Date: May 2017 |
|---|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>2174 / *Distributed Common Ground System-Navy (DCGS-N)* | |

**Support ($ in Millions)**

| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | FY 2016 Cost | FY 2016 Award Date | FY 2017 Cost | FY 2017 Award Date | FY 2018 Base Cost | FY 2018 Base Award Date | FY 2018 OCO Cost | FY 2018 OCO Award Date | FY 2018 Total Cost | Cost To Complete | Total Cost | Target Value of Contract |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Development Support | C/CPFF | SETA SAIC : Columbia, MD | 4.281 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 4.281 | - |
| Development Support | WR | SSC LANT : Charleston, SC | 1.480 | 0.200 | Nov 2015 | 0.185 | Nov 2016 | 0.000 | | - | | 0.000 | 0.000 | 1.865 | - |
| Development Support | WR | SSC PAC : San Diego, CA | 1.200 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 1.200 | - |
| Integrated Logistics Support | WR | SSC PAC : San Diego, CA | 0.600 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 0.600 | - |
| Integrated Logistics Support | C/CPFF | SETA SAIC : Columbia, MD | 1.450 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 1.450 | - |
| Configuration Management | WR | SSC PAC : San Diego, CA | 1.300 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 1.300 | - |
| | | **Subtotal** | 45.384 | 0.200 | | 0.185 | | 0.000 | | - | | 0.000 | 0.000 | 45.769 | - |

**Test and Evaluation ($ in Millions)**

| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | FY 2016 Cost | FY 2016 Award Date | FY 2017 Cost | FY 2017 Award Date | FY 2018 Base Cost | FY 2018 Base Award Date | FY 2018 OCO Cost | FY 2018 OCO Award Date | FY 2018 Total Cost | Cost To Complete | Total Cost | Target Value of Contract |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Test & Evaluation Prior Years | Various | Various : Various | 19.103 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 19.103 | - |
| Developmental Test & Evaluation | WR | SSC LANT : Charleston, SC | 2.447 | 0.300 | Nov 2015 | 0.300 | Nov 2016 | 0.000 | | - | | 0.000 | 0.000 | 3.047 | - |
| Operational Test & Evaluation | C/CPFF | COTF : Norfolk, VA | 0.120 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 0.120 | - |
| Developmental Test & Evaluation | WR | SSC PAC : San Diego, CA | 3.500 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 3.500 | - |
| Developmental Test & Evaluation | C/CPFF | COTF : Norfolk, VA | 0.700 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 0.700 | - |
| | | **Subtotal** | 25.870 | 0.300 | | 0.300 | | 0.000 | | - | | 0.000 | 0.000 | 26.470 | - |

| Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>2174 / *Distributed Common Ground System-Navy (DCGS-N)* |

**Management Services ($ in Millions)**

| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | FY 2016 Cost | FY 2016 Award Date | FY 2017 Cost | FY 2017 Award Date | FY 2018 Base Cost | FY 2018 Base Award Date | FY 2018 OCO Cost | FY 2018 OCO Award Date | FY 2018 Total Cost | Cost To Complete | Total Cost | Target Value of Contract |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Management Services Prior Years | Various | Various : Various | 3.374 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 3.374 | - |
| Travel | Allot | SPAWAR : San Diego, CA | 0.839 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 0.839 | - |
| Government Engineering Support | WR | SSC LANT : Charleston, SC | 1.484 | 0.080 | Nov 2015 | 0.080 | Nov 2016 | 0.000 | | - | | 0.000 | 0.000 | 1.644 | - |
| Program Management Support | C/CPFF | PSS BAH : San Diego, CA | 5.321 | 0.000 | | 0.000 | | 0.000 | | - | | 0.000 | 0.000 | 5.321 | - |
| | | **Subtotal** | 11.018 | 0.080 | | 0.080 | | 0.000 | | - | | 0.000 | 0.000 | 11.178 | - |

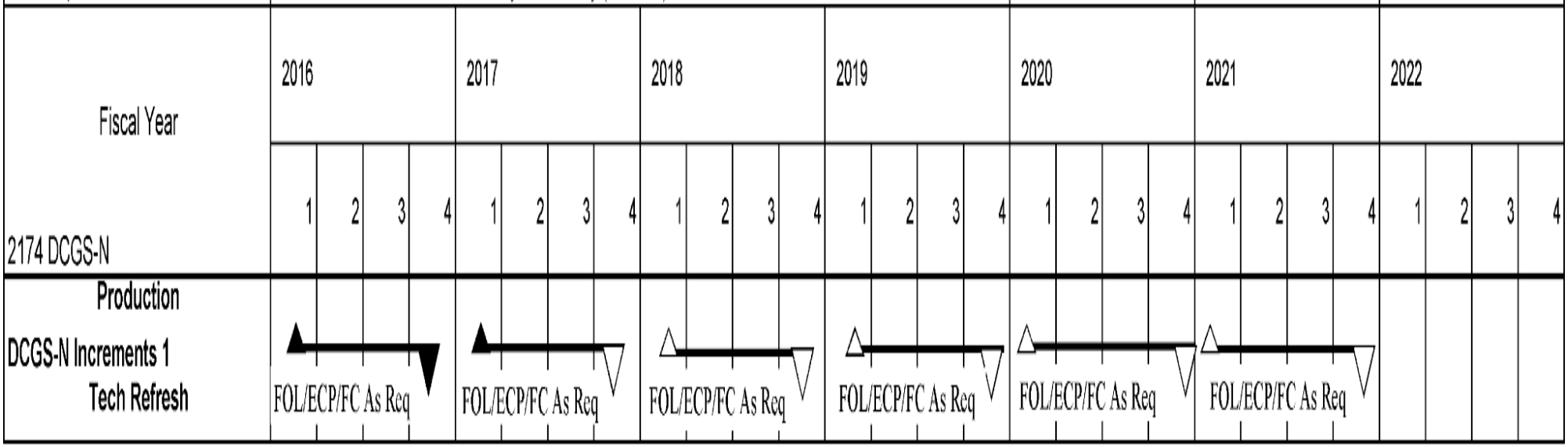
| | Prior Years | FY 2016 | | FY 2017 | | FY 2018 Base | | FY 2018 OCO | | FY 2018 Total | Cost To Complete | Total Cost | Target Value of Contract |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Project Cost Totals** | 203.481 | 1.730 | | 1.637 | | 0.325 | | - | | 0.325 | - | - | - |

**Remarks**

| Exhibit R-4, RDT&E Schedule Profile: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>2174 / *Distributed Common Ground System-Navy (DCGS-N)* |

CLASSIFICATION:

| EXHIBIT R4, Schedule Profile | DATE: Mar-17 | | | |
|---|---|---|---|---|
| APPROPRIATION/BUDGET ACTIVITY<br>**RDT&E, N / BA-7** | PROJECT NUMBER AND NAME<br>2174 Distributed Common Ground System – Navy (DCGS-N) | | | |



| Exhibit R-4A, RDT&E Schedule Details: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>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 1 Tech Refresh | 1 | 2016 | 4 | 2021 |

| Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy | | | Date: May 2017 |
|---|---|---|---|
| Appropriation/Budget Activity<br>1319 / 7 | R-1 Program Element (Number/Name)<br>PE 0305208N / *Distributed Common Ground Sys* | Project (Number/Name)<br>*2227 / Distributed Common Ground System (DCGS-N) Inc 2* | |

| COST ($ in Millions) | Prior Years | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total | FY 2019 | FY 2020 | FY 2021 | FY 2022 | Cost To Complete | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2227: *Distributed Common Ground System (DCGS-N) Inc 2* | 0.000 | 21.419 | 42.934 | 45.825 | - | 45.825 | 47.851 | 42.019 | 36.053 | 37.873 | 80.800 | 354.774 |
| Quantity of RDT&E Articles | | - | - | - | - | - | - | - | - | - | | |

**Project MDAP/MAIS Code:** M464

**Note**

Cost-To-Complete reflects Distributed Common Ground System - Navy (DCGS-N) Increment 2 only. DCGS-N Increment 2 reflects Department of Navy Component Cost Position (CCP).

**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 TCPED capabilities to improve the use and analysis of sensor and platform data. 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 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) and the Intelligence Community Information Technology Enterprise (IC ITE); federates ISR and TCPED workflow and production improving throughout the 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 FY18, DCGS-N Increment 2 will complete development of Fleet Capability Release 1 (FCR-1); conduct an In Progress Test Review, and integrated test of the FCR-1 build including rigorous cyber security testing. The program will begin planning for FCR-2 including developing the Requirements Definition Package, preparing for the Build Technical Review, and Build Decision. DGCS-N Increment 2 will begin Passive Targeting Efforts leveraging Office of Naval Research (ONR) Electromagnetic Battle Management (EMBM) Future Naval Capabilities (FNC) to network and fuse passive targeting data.

| B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each) | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total |
|---|---|---|---|---|---|
| ***Title:*** DCGS-N Increment 2 | 21.419 | 42.934 | 45.825 | 0.000 | 45.825 |
| ***Articles:*** | - | - | 1 | - | 1 |

| Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>*2227 / Distributed Common Ground System (DCGS-N) Inc 2* |

| B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each) | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total |
|---|---|---|---|---|---|
| ***FY 2016 Accomplishments:***<br>Distributed Common Ground System - Navy (DCGS-N) Increment 2 completed Joint Requirements Oversight Counsel (JROC) review and approval of the Information System Capability Development Document (IS CDD). The program successfully completed Milestone A (MS A), Development Request For Proposal (RFP) Decision Review, and Milestone B (MS B). Program successfully completed demonstration of Fleet Capability Release-0 (FCR-0) in support of the Program Executive Officer, Command, Control, Communications, Computers and Intelligence (PEO C4I) prototype.<br>***FY 2017 Plans:***<br>DCGS-N Increment 2 begins integration and development of Fleet Capability Release 1 (FCR-1) which will center on integrating Maritime Domain Awareness capabilities into DCGS-N Increment 2. Other development efforts include maritime object of interest track data management, correlation of limited data sources to maritime objects of interest, recognition of patterns of life from maritime objects of interest historical data, automate collection target area prediction; all with rigorous cyber security embedded into each facet of the capability. DCGS-N Increment 2 will award the Enterprise Integration Contract to fulfill the capability and capacity requirements of the Government Lead Systems Integrator for the remainder of FCR-1 development and integration and of FCR-2 and beyond.<br>***FY 2018 Base Plans:***<br>DCGS-N Increment 2 will complete development of FCR-1 which comprises the ashore backbone of the Navy's Intelligence, Surveillance, Reconnaissance and Targeting (ISR&T) enterprise and will contain enterprise data and analytics and synchronize the Common Intelligence Picture across the Fleet. This portion of the DCGS-N Increment 2 system will support future test events. DCGS-N Increment 2 will develop 1 unit for Environmental Qualification Testing (EQT). At the conclusion of development of FCR-1 the program will conduct an In Progress Test Review and integrated test of the of the FCR-1 build including rigorous cyber security testing culminating in a Fielding Technical Review to support the FCR-1 Fielding Decision Review in FY19. Other development efforts include maritime object of interest track data management, correlation of limited data sources to maritime objects of interest, recognition of patterns of life from maritime objects of interest historical data, automate collection target area prediction; all with rigorous cyber security embedded into each facet of the capability. DCGS-N Increment 2 will continue to develop a standard software baseline for the DCGS Family of Systems (FoS). DCGS-N will begin development and integration efforts to fuse ISR&T data collected, exploited and disseminated by ISR systems with other intelligence data and automatically provide to shipboard combat systems to support kinetic and non-kinetic fires and more effective exploitation of the electromagnetic spectrum. | | | | | |

| Exhibit R-2A, RDT&E Project Justification: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>*2227 / Distributed Common Ground System (DCGS-N) Inc 2* |

| B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each) | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total |
|---|---|---|---|---|---|
| ISR systems will play key roles in enabling the national-to-tactical integration necessary for an integrated maritime targeting capability in support of kinetic and non-kinetic fires. DCGS-N Increment 2 will begin planning for FCR-2 including approval of the Requirements Definition Package, Build Technical Review, and Build Decision. DCGS-N Increment 2 will begin establishing Electromagnetic Battle Management (EMBM) Future Naval Capabilities (FNC) to network and fuse passive targeting data. Passive Targeting efforts include the transition to cloud architecture, development and enhancement of data models to ensure interoperability and compatibility with Intelligence Community (IC) and the install and test of developed capabilities. Distributed Common Ground System-Navy (DCGS-N) Increment 2 will continue to develop statutory/regulatory acquisition and training documentation as required.<br>***FY 2018 OCO Plans:***<br>N/A | | | | | |
| **Accomplishments/Planned Programs Subtotals** | 21.419 | 42.934 | 45.825 | 0.000 | 45.825 |

**C. Other Program Funding Summary ($ in Millions)**

| Line Item | FY 2016 | FY 2017 | FY 2018 Base | FY 2018 OCO | FY 2018 Total | FY 2019 | FY 2020 | FY 2021 | FY 2022 | Cost To Complete | Total Cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| • OPN 2914: *Distributed Common Ground System-Navy (DCGS-N)* | 31.809 | 24.676 | 13.790 | 6.392 | 20.182 | 13.005 | 10.995 | 23.107 | 16.472 | 242.100 | 589.983 |

**Remarks**

0305208N/2914 is a shared PE with Distributed Common Ground System - Navy (DCGS-N) Increment 1, Increment 2, and Intelligence Carry-On Program (ICOP).

**D. Acquisition Strategy**

The DCGS-N Increment 2 acquisition is based on the Department of Defense Instruction (DODI) 5000.02, Model 3, for incrementally fielded software intensive programs.

**E. Performance Metrics**

DCGS-N Increment 2 Goal: Support afloat forces through a robust enterprise Intelligence, Surveillance, Reconnaissance and Targeting (ISR&T) capability, satisfying maritime needs for processing, exploitation, and dissemination.
DCGS-N Increment 2 Metric: Complete development of Fleet Capability Release 1 (FCR-1) and begin development of FCR 2.

| Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>*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 2016 Cost | FY 2016 Award Date | FY 2017 Cost | FY 2017 Award Date | FY 2018 Base Cost | FY 2018 Base Award Date | FY 2018 OCO Cost | FY 2018 OCO Award Date | FY 2018 Total Cost | Cost To Complete | Total Cost | Target Value of Contract |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Integration Assembly & Test | WR | SSC PAC : San Diego, CA | 0.000 | 5.239 | Oct 2015 | 8.871 | Oct 2016 | 36.382 | Oct 2017 | - | | 36.382 | 0.000 | 50.492 | - |
| Primary Hardware Development | WR | SSC PAC : San Diego, CA | 0.000 | 2.833 | Oct 2015 | 8.648 | Oct 2016 | 2.735 | Oct 2017 | - | | 2.735 | 0.000 | 14.216 | - |
| Software Development | WR | SSC PAC : San Diego, CA | 0.000 | 8.723 | Oct 2015 | 19.329 | Oct 2016 | 0.000 | | - | | 0.000 | 0.000 | 28.052 | - |
| Integration Assembly & Test | C/CPFF | Unknown : Unknown | 0.000 | 0.000 | | 0.000 | | 0.125 | Jul 2018 | - | | 0.125 | 204.637 | 204.762 | - |
| Software Development | WR | SSC LANT : Charleston, SC | 0.000 | 0.504 | Oct 2015 | 1.131 | Oct 2016 | 0.000 | | - | | 0.000 | 0.000 | 1.635 | - |
| Government Technical Oversite (Dev) | WR | SSC LANT : Charleston, SC | 0.000 | 0.126 | Oct 2015 | 0.283 | Oct 2016 | 1.030 | Oct 2017 | - | | 1.030 | 0.000 | 1.439 | - |
| | | **Subtotal** | 0.000 | 17.425 | | 38.262 | | 40.272 | | - | | 40.272 | 204.637 | 300.596 | - |

**Support ($ in Millions)**

| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | FY 2016 Cost | FY 2016 Award Date | FY 2017 Cost | FY 2017 Award Date | FY 2018 Base Cost | FY 2018 Base Award Date | FY 2018 OCO Cost | FY 2018 OCO Award Date | FY 2018 Total Cost | Cost To Complete | Total Cost | Target Value of Contract |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Development Support | C/CPFF | SETA SAIC : Columbia, MD | 0.000 | 0.600 | Dec 2015 | 0.688 | Dec 2016 | 1.205 | Dec 2017 | - | | 1.205 | 0.000 | 2.493 | - |
| Development Support | WR | SSC LANT : Charleston, SC | 0.000 | 0.150 | Oct 2015 | 0.150 | Oct 2016 | 0.120 | Oct 2017 | - | | 0.120 | 13.622 | 14.042 | - |
| Integrated Logistics Support | WR | SSC LANT : Charleston, SC | 0.000 | 0.250 | Oct 2015 | 0.250 | Oct 2016 | 0.000 | | - | | 0.000 | 0.000 | 0.500 | - |
| Integrated Logistics Support | C/CPFF | SETA SAIC : Columbia, MD | 0.000 | 0.720 | Dec 2015 | 0.825 | Dec 2016 | 1.065 | Dec 2017 | - | | 1.065 | 0.000 | 2.610 | - |
| | | **Subtotal** | 0.000 | 1.720 | | 1.913 | | 2.390 | | - | | 2.390 | 13.622 | 19.645 | - |

| Exhibit R-3, RDT&E Project Cost Analysis: FY 2018 Navy | | | Date: May 2017 |
|---|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>*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 2016 Cost | FY 2016 Award Date | FY 2017 Cost | FY 2017 Award Date | FY 2018 Base Cost | FY 2018 Base Award Date | FY 2018 OCO Cost | FY 2018 OCO Award Date | FY 2018 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 | 0.287 | Oct 2016 | 0.910 | Oct 2017 | - | | 0.910 | 15.416 | 16.863 | - |
| Developmental Test & Evaluation | WR | SSC PAC : San Diego, CA | 0.000 | 0.800 | Oct 2015 | 0.917 | Oct 2016 | 0.500 | Oct 2017 | - | | 0.500 | 0.000 | 2.217 | - |
| Developmental Test & Evaluation | C/CPFF | COTF : Norfolk, VA | 0.000 | 0.200 | Nov 2015 | 0.386 | Nov 2016 | 0.200 | Nov 2017 | - | | 0.200 | 0.000 | 0.786 | - |
| | | **Subtotal** | 0.000 | 1.250 | | 1.590 | | 1.610 | | - | | 1.610 | 15.416 | 19.866 | - |

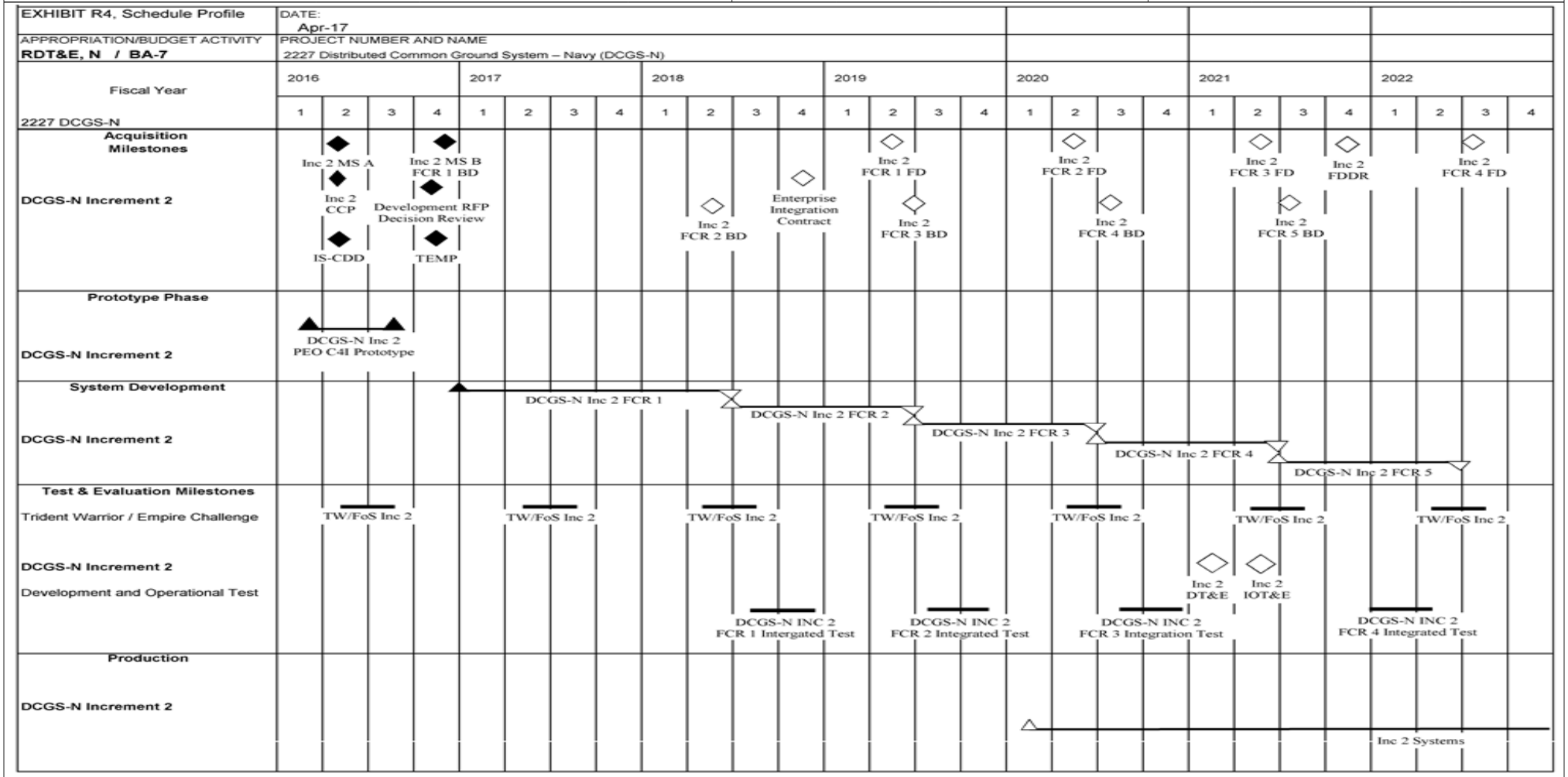
**Management Services ($ in Millions)**

| Cost Category Item | Contract Method & Type | Performing Activity & Location | Prior Years | FY 2016 Cost | FY 2016 Award Date | FY 2017 Cost | FY 2017 Award Date | FY 2018 Base Cost | FY 2018 Base Award Date | FY 2018 OCO Cost | FY 2018 OCO Award Date | FY 2018 Total Cost | Cost To Complete | Total Cost | Target Value of Contract |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Travel | Allot | SPAWAR : San Diego, CA | 0.000 | 0.100 | Nov 2015 | 0.206 | Nov 2016 | 0.240 | Nov 2017 | - | | 0.240 | 0.000 | 0.546 | - |
| Government Engineering Support | WR | SSC LANT : Charleston, SC | 0.000 | 0.154 | Nov 2015 | 0.154 | Nov 2016 | 0.388 | Nov 2017 | - | | 0.388 | 0.000 | 0.696 | - |
| Program Management Support | C/CPFF | PSS BAH : San Diego, CA | 0.000 | 0.270 | Nov 2015 | 0.309 | Nov 2016 | 0.400 | Nov 2017 | - | | 0.400 | 0.000 | 0.979 | - |
| Program Management Support | WR | SSC LANT : Charleston, SC | 0.000 | 0.300 | Oct 2015 | 0.300 | Oct 2016 | 0.300 | Oct 2017 | - | | 0.300 | 8.847 | 9.747 | - |
| Program Management Support | WR | SSC PAC : San Diego, CA | 0.000 | 0.200 | Oct 2015 | 0.200 | Oct 2016 | 0.225 | Oct 2017 | - | | 0.225 | 0.000 | 0.625 | - |
| | | **Subtotal** | 0.000 | 1.024 | | 1.169 | | 1.553 | | - | | 1.553 | 8.847 | 12.593 | - |

| | Prior Years | FY 2016 | | FY 2017 | | FY 2018 Base | | FY 2018 OCO | | FY 2018 Total | Cost To Complete | Total Cost | Target Value of Contract |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Project Cost Totals** | 0.000 | 21.419 | | 42.934 | | 45.825 | | - | | 45.825 | 242.522 | 352.700 | - |

**Remarks**

| Exhibit R-4, RDT&E Schedule Profile: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>*2227 / Distributed Common Ground System (DCGS-N) Inc 2* |



| Exhibit R-4A, RDT&E Schedule Details: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>*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 | 1 | 2017 | 2 | 2018 |
| DCGS-N Inc 2 FCR-2 Development | 2 | 2018 | 2 | 2019 |
| DCGS-N Inc 2 FCR-3 Development | 2 | 2019 | 2 | 2020 |
| DCGS-N Inc 2 Release 1 Build Decision (MS B) | 4 | 2016 | 4 | 2016 |
| DCGS-N Inc 2 Procurement | 1 | 2020 | 4 | 2022 |
| DCGS-N Inc 2 FCR-1 Fielding Decision | 2 | 2019 | 2 | 2019 |
| DCGS-N Inc 2 FCR-2 Build Decision | 2 | 2018 | 2 | 2018 |
| DCGS-N Inc 2 FCR-3 Build Decision | 2 | 2019 | 2 | 2019 |
| DCGS-N Inc 2 IOT&E | 2 | 2021 | 2 | 2021 |
| DCGS-N Inc 2 FCR-2 Fielding Decision | 2 | 2020 | 2 | 2020 |
| DCGS-N Inc 2 FCR-3 Fielding Decision | 2 | 2021 | 2 | 2021 |
| DCGS-N Inc 2 FCR-0 PEO C4I Prototype | 1 | 2016 | 3 | 2016 |
| DCGS-N Inc 2 FCR-1 Integrated Test | 3 | 2018 | 4 | 2018 |
| DCGS-N Inc 2 FCR-2 Integrated Test | 3 | 2019 | 4 | 2019 |
| DCGS-N Inc 2 FCR-3 Integrated Test | 3 | 2020 | 4 | 2020 |
| DCGS-N Inc 2 FCR-4 Development | 2 | 2020 | 2 | 2021 |

| Exhibit R-4A, RDT&E Schedule Details: FY 2018 Navy | | Date: May 2017 |
|---|---|---|
| **Appropriation/Budget Activity**<br>1319 / 7 | **R-1 Program Element (Number/Name)**<br>PE 0305208N / *Distributed Common Ground Sys* | **Project (Number/Name)**<br>*2227 / Distributed Common Ground System (DCGS-N) Inc 2* |

| | Start | | End | |
|---|---|---|---|---|
| **Events by Sub Project** | **Quarter** | **Year** | **Quarter** | **Year** |
| DCGS-N Inc 2 FCR-4 Build Decision | 3 | 2020 | 3 | 2020 |
| DCGS-N Inc 2 TEMP | 4 | 2016 | 4 | 2016 |
| DCGS-N Inc 2 IS-CDD | 2 | 2016 | 2 | 2016 |
| DCGS-N Inc 2 DEV RFP Decision | 4 | 2016 | 4 | 2016 |
| DCGS-N Inc 2 CCP | 2 | 2016 | 2 | 2016 |
| DCGS-N Inc 2 FDDR | 4 | 2021 | 4 | 2021 |
| DCGS-N Inc 2 FCR-5 Build Decision | 3 | 2021 | 3 | 2021 |
| DCGS-N Inc 2 FCR-5 Development | 2 | 2021 | 2 | 2022 |
| DCGS-N Inc 2 MS A | 2 | 2016 | 2 | 2016 |
| DCGS-N Inc 2 DT&E | 1 | 2021 | 1 | 2021 |
| Trident Warrior/DCGS Family of Systems Inc 2 2021 | 2 | 2021 | 3 | 2021 |
| Trident Warrior/DCGS Family of Systems Inc 2 2022 | 2 | 2022 | 3 | 2022 |
| DCGS-N Inc 2 FCR-4 Integrated Test | 1 | 2022 | 2 | 2022 |
| Enterprise Integration Contract | 4 | 2018 | 4 | 2018 |
| DCGS-N Inc 2 FCR-4 Fielding Decision | 3 | 2022 | 3 | 2022 |