



NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

7500 GEOINT Drive
Springfield, Virginia 22150

NGA-20120055F

MAY 20 2015

Mr. Steven Aftergood
Federation of American Scientists
1725 DeSales Street NW, Suite 600
Washington, DC 20036

RE: Freedom of Information Act (FOIA) request #20120055F

Dear Mr. Aftergood:

This letter is in response to your Freedom of Information Act (FOIA) request, submitted to us via letter dated March 12, 2012, in which you requested, "a copy of all unclassified portions of the National Geospatial-Intelligence Agency (NGA) Congressional Budget Justification Book (CBJB) for Fiscal Year 2013."

After a careful search for and review of the requested document(s), NGA subject matter experts have determined that the document(s) may be released in part with some information withheld from release pursuant to Executive Order 13526, exemption (b)(1), section 1.4 (e). Exemption (b)(1) protects information currently and properly classified in the interests of national defense or foreign policy. Section 1.4 protects classified information if its unauthorized disclosure could reasonably be expected to cause identifiable or describable damage to national security. The information is further protected by FOIA exemption (b)(3) which applies to information exempt from disclosure by other statutes which in this instance is 50 U.S.C. §3142 which protects NGA operational files.

Appeals to this determination should be made in writing within 60 calendar days from the date of this letter. In the appeal, you should reference FOIA number #20110098F, detailing your reasons for reconsideration and include a copy of this letter. Your appeal should be mailed to the National Geospatial-Intelligence Agency, FOIA/Privacy Act Program Office, Mail Stop N81-SISCS, 7500 GEOINT Drive, Springfield, VA 22150.

If you have any questions or concerns regarding this request, please contact Jamie Wilson, Deputy FOIA Program Manager at (571)557-4141 or via email at FOIANGA@nga.mil.

Sincerely,

PAUL R. POLK
Office of Corporate Communications
Public Release Officer and FOIA Initial
Denial Authority

Enclosure

Redacted version of FY 2013 CBJB (U)

National Intelligence Program

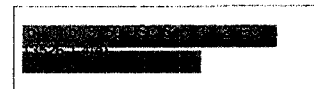
FY 2013
Congressional Budget Justification



Volume XIII

NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

FEBRUARY 2012



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(U) PROGRAM OVERVIEW

(U) Description

(U//FOUO) The National Geospatial-Intelligence Agency (NGA) supports the Intelligence Community (IC), Department of Defense (DoD), and other mission partners with tailored, readily available geospatial intelligence (GEOINT) analysis. NGA products and services inform national policy makers and enable indications and warning (I&W), mission planning, homeland defense planning, treaty monitoring, mapping, environmental monitoring, emergency preparedness, and disaster response. GEOINT products serve as the foundation for depicting information from other intelligence sources in a more understandable and actionable format.

(U) The National Geospatial-Intelligence Program (NGP) supports national security objectives by:

- (U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]
- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]
- (U//FOUO) Building and operating information technology (IT) systems to task, process, exploit, and disseminate GEOINT to mission partners worldwide.
- (U//FOUO) Serving as functional manager for US GEOINT efforts; developing doctrine, policy, and directives for the National System for Geospatial Intelligence (NSG); defining IC geospatial data standards; and training GEOINT analysts across the DoD and IC.
- (U//FOUO) Investing in research and development to help GEOINT analysts more productively exploit the rapidly growing data volumes from new sources and improve the quality, timeliness, and usability of GEOINT; and develop new GEOINT sources and methods.
- (U//FOUO) Sustaining efforts to improve accuracy and currency of navigation data and related production and dissemination systems.

(U) Strategic Direction

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]

(S//NF) [redacted]
[redacted]
[redacted]

(S//NF) [redacted] :

(U) Intelligence Integration

(U//FOUO) Consistent with the DNI's emphasis on intelligence integration, NGA is a Community leader in coordinating and optimizing operations with mission partners. NGA's Vision will enable further integration by expanding GEOINT access across the IC and DoD. Specifically, more efficient self- and assisted-service GEOINT applications will provide users, from novice to expert, better access to content, services, and expertise. The FY 2013 request will enhance intelligence integration activities across NGA's mission areas by:

- (S//NF) [redacted]
[redacted]
[redacted]
- (S//NF) [redacted]
[redacted]
- (TS//SI//TK//NF) [redacted]
[redacted]
[redacted]
[redacted]
- (S) [redacted]
[redacted]

(U) Terrorist and Extremist Threats

(S//SI//NF) [redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]

(S//NF) [redacted]
[redacted]
[redacted]
[redacted]

(U) WMD and WMD-Terrorism

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

[Redacted]

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

[Redacted]

(U) Counterintelligence

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

[Redacted]

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

[Redacted]

(U) Collaboration and Information Sharing

(U//FOUO) The FY 2013 request enhances collaboration and information sharing with a wide variety of IC, DoD, diplomatic and first responder partners and customers as well as foreign partners where appropriate. NGA will continue to acquire and deploy a network of systems and supporting communications infrastructure to manage, store, produce, and disseminate GEOINT in support of national, DoD, IC, and local partners. This network will facilitate collaboration and information sharing in accordance with established policies and priorities. The FY 2013 request will accommodate the growing requirement for GEOINT products and services and includes funding to:

- (U//FOUO) Provide on-line, on-demand access to GEOINT by providing a single interface to allow users easy and intuitive access to GEOINT data, products, and services in multiple security domains.

- ~~(U//FOUO)~~ Invest in implementation of an IT architecture that enables consumers to discover, access and use data anytime and in any environment for greater efficiency. Provide GEOINT products and services to meet unclassified GEOINT needs for a wide variety of IC, DoD, and diplomatic missions, such as treaty monitoring and Department of State demarche support, and humanitarian assistance and disaster relief support.

(U) Annual Performance and Accountability

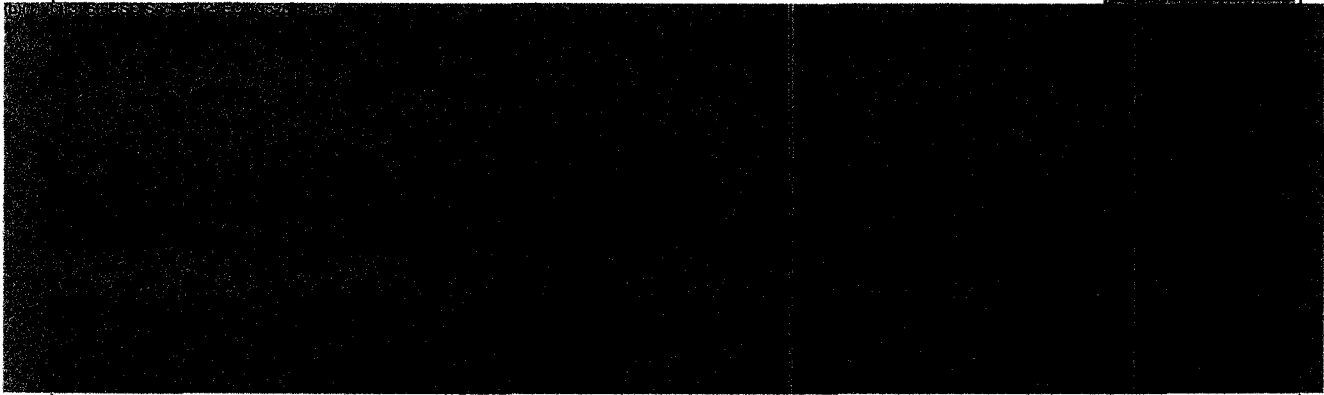
(U) The NGP FY 2013 request, in concert with the FY 2011 Agency Financial Reports provided in November 2011, and "FY 2011 NIP Summary of Performance and Financial Information" dated February 2012, meets the FY 2011 annual performance and accountability requirement for the IC. The NGP is committed to demonstrating that resources produce measurable results. Relationships among resources, performance expectations, and performance results are addressed throughout the request.

(U) FY 2013 Workforce Highlights

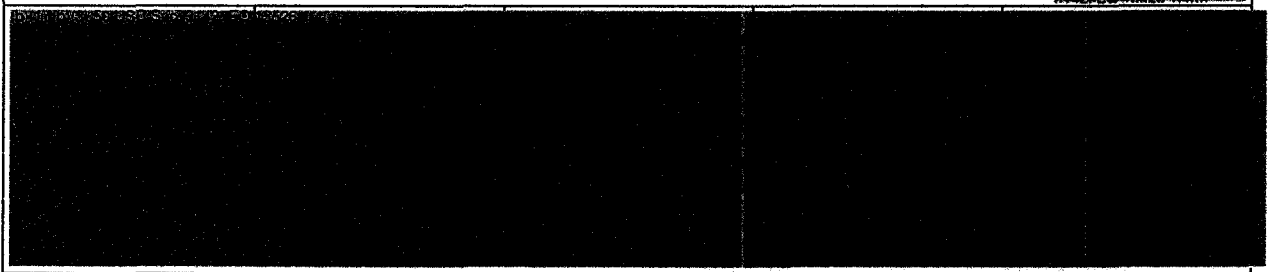
(U//FOUO) Continuous workforce planning and management are a priority at NGA. NGA shapes the workforce (military, civilian, and contractor) by consistently hiring those most capable of advancing the NGA Vision, actively training in GEOINT core competencies, and closely monitoring attrition for at-risk work roles identified in the Agency's last Strategic Workforce Plan.

(U) Summary of Planned Workforce Changes

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(U) NGP Requested Workforce Changes

(S//NF) (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)



(U//FOUO) NGA carefully manages the judicious and prudent use of Federally Funded Research Development Center (FFRDC) Staff-Years of Technical Effort (STE) to ensure that the nature of the requirements can only be fulfilled by FFRDC partners. While STEs are decreasing, NGA FFRDC partners work on some of the most challenging issues confronting the GEOINT discipline and provide unique perspective, technical knowledge, and world class expertise. NGA's FY 2013 STE request includes support for:

• (S//NF) (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)



• (U//FOUO) (b)(3) 50 USC Sec. 3142



- (S//NF) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.409 [Redacted]
- (U//FOUO) Development of future GEOINT collection architectures through the modeling and simulation of collection systems and through alignment with the NSG architecture and standards, and with NSG stakeholders.

(U//FOUO) NGA core contractors provide unique expertise in areas such as engineering and system integration support across the enterprise. (b)(3) 50 USC Sec. 3142 [Redacted]

(U) NGP Employment Demographics

(U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]

(U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]

(U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]

(U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]

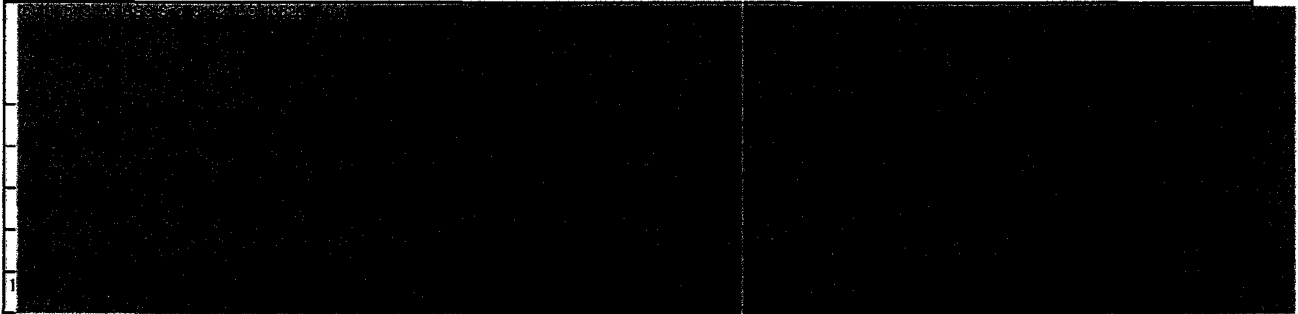
Retirement and attrition offer important workforce shaping opportunities, but NGA continues to implement measures to drive employee retention and knowledge capture where needed. In 2011, these included enhanced analysis of NGA's exit survey results and planning based on the NGA Employee Climate Survey, redesign of the NGA Employee Orientation Seminar, introduction of an NGA Supervisory Council, stand-up of a career development office and internal rotation program, and continued emphasis on mentoring.

(U) Conclusion

~~(U//FOUO)~~ The FY 2013 budget request reflects a continuation of NGA's Vision to provide on-line, on-demand access to GEOINT knowledge and to create new value by broadening and deepening analytic expertise. In pursuing these goals, NGA will enhance its support for all national security objectives and maintain its role in creating a decisive information advantage for national policymakers and operational components.

(U) MISSION MANAGEMENT/TASKING
(U) MISSION READINESS

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(U) Project Description

(U//FOUO) The Mission Readiness (MR) Project enables NGA to partner with the Services to optimize the contributions of GEOINT to military operations and training, offer NGA insights into customer use of GEOINT products, and devise mission-specific production and technical solutions to meet operational needs.

(U) Base resources in this project are used to:

- (U) Facilitate interaction between the Services and NGA.
- (U) Manage NGA military manpower.
- (U) Advocate Service GEOINT needs to NGA and promote the NSG transformation plans to the Services.
- (U) Incorporate GEOINT activities into Service training curricula to ensure the Services maintain GEOINT expertise, which can be lost during normal military attrition.
- (U) Support deploying forces with GEOINT expertise through pre-deployment training or direct NGA deployed support within the unit.
- (U) Synchronize and integrate NGA participation in national, Chairman of the Joint Chiefs of Staff (CJCS), and Service pre-deployment exercises. This participation is the primary mechanism for providing GEOINT training to individuals, staffs, and Service units to enable them to effectively train as they fight and significantly impact a combatant commander's ability to leverage GEOINT solutions to assigned missions.
- (U) Coordinate NGA contributions to DoD readiness assessment programs and Joint Strategic Capabilities Plans (JSCPs).
- (U) Conduct NGA-wide assessments of operational mission readiness.
- (U//FOUO) Support the agency's Lessons Learned Program, intelligence campaign plans, and maintenance of the Agency Mission Essential Task List.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

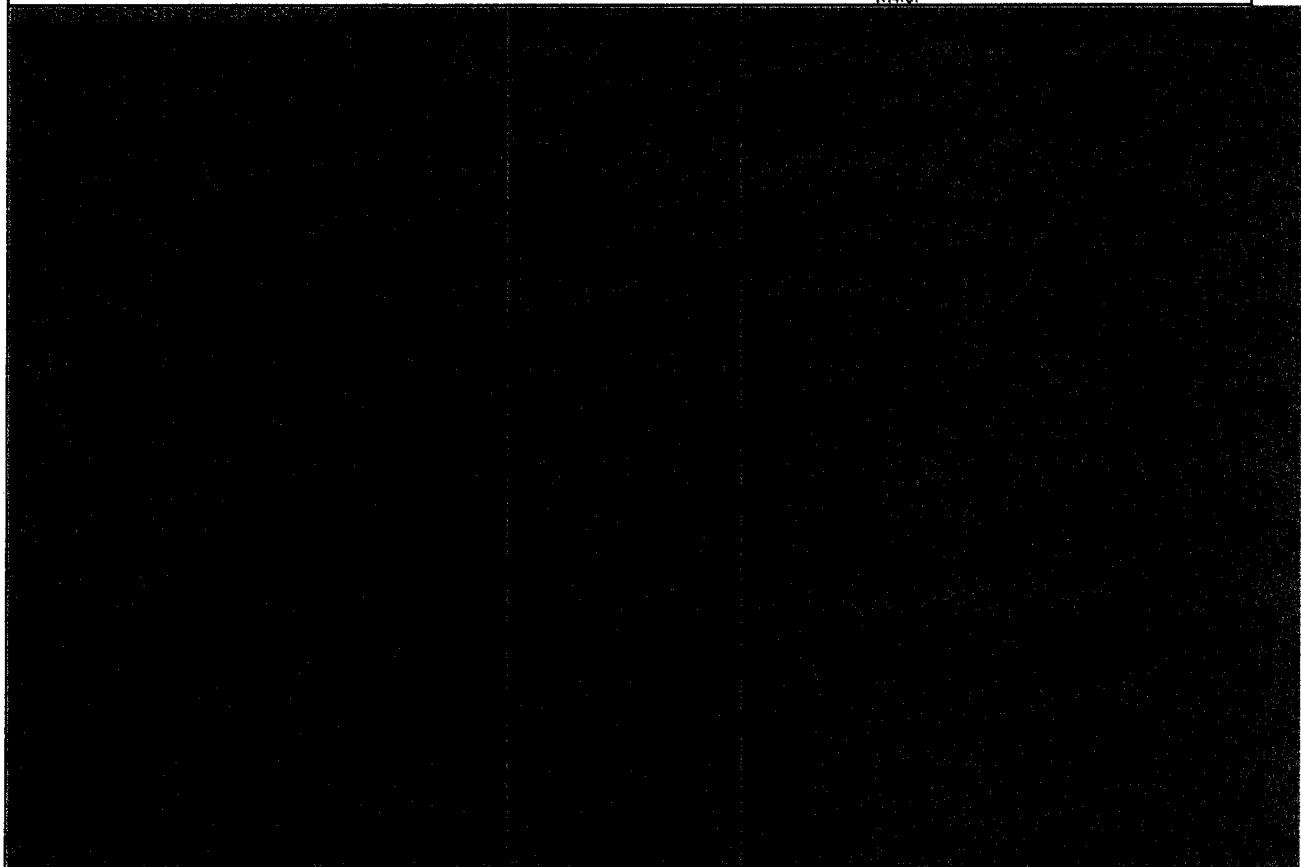
- (U) Continue, at a reduced level, production of aeronautical and maritime products for the Services while promoting the Services' use of Electronic Flight Boards.
- (U) Continue to manage NGA participation in national, CJCS, and Service pre-deployment exercise programs; and assess NGA's operational mission readiness.

- (⊕) Continue to prepare and integrate GEOINT functional support plans into JSCPs by identifying specific NGA activities, capabilities, and shortfall solutions required in the conduct of the Agency's DoD responsibilities.
- (⊕) Improve coordination and synchronization of NSG policies, programs, and operations with the Services via liaison relationships with the Service GEOINT elements.

(⊕) Changes From FY 2012 to FY 2013:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]

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**(U) MISSION MANAGEMENT/TASKING
(U) GEOINT FUNCTIONAL MANAGEMENT**

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(U) Project Description

(U//FOUO) In FY 2013, the GEOINT Functional Management Project relocates in its entirety from the Enterprise Management EC to the Mission Management/Tasking EC to align all mission management activities into one EC within the budget structure.

(U//FOUO) The GEOINT Functional Management Project provides resources to advance and strengthen functional management across the NSG. These resources support NSG leadership, policy development, and governance; future needs and capabilities studies, modeling and simulation (M&S); and NSG requirements and capabilities analysis, education, and NSG-wide collaborative engagement. Project resources support the Director, NGA, in executing functional management authorities, as delegated by the DNI and SecDef, on behalf of NSG members and mission partners.

(U) Base resources in this project are used to:

- (U//FOUO) Lead GEOINT integration management, NSG community outreach; and requirements analysis and adjudication of GEOINT capabilities requested by the NSG community.
- (U//FOUO) Lead NSG and NGA governance, which includes development of doctrine, directives, policy, and strategic planning.
- (U//FOUO) Support the NGP, NGA MIP, and NSG decisionmaking processes by forecasting, analyzing, and translating emerging technology, required capabilities, and advanced concept needs into long-term investment strategies.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Conduct functional management outreach to engage with NSG community members and partners regarding roles and responsibilities and to gather feedback on community initiatives.
- (U//FOUO) Manage, support, and execute the NSG and ASG governance processes and forums, such as the (S) 50 USC 3142 to foster collaboration and integration of NSG- and ASG-wide initiatives and solutions.

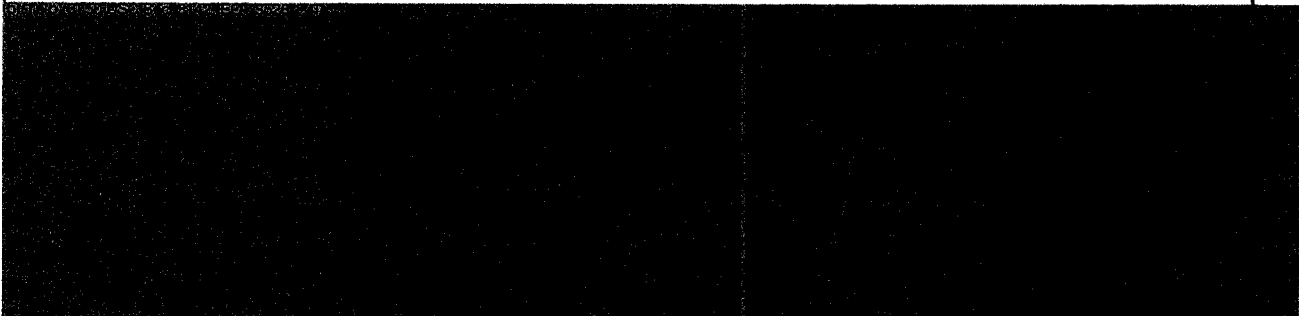
- (⊕) Develop and disseminate NSG policy by promulgating NSG directives, instructions, memoranda, and manuals to provide guidance to the NSG on GEOINT functional areas. Publish GEOINT organizational doctrine and review OSD joint doctrine and DoD and IC policies for (b)(7) 50 USC Sec. 3142 [REDACTED]
- (U//FOUO) Coordinate updates to the (b)(7) 50 USC Sec. 3142 [REDACTED] and publish the 2013 biennial planning deck for use in IC and DoD M&S.
- (⊕) Coordinate, integrate, and adjudicate the collection of current needs from NSG members to improve the effectiveness and efficiency of actions to respond to all NSG member requirements.
- (⊕) Execute community GEOINT studies through (b)(7) 50 USC Sec. 3142 [REDACTED]. In addition, integrate recommended solutions into an overarching solution set and strategy for the GEOINT community, as determined by the GEOCOM in consultation with ODNI and OSD.
- (U//FOUO) (b)(7) 50 USC Sec. 3142 [REDACTED].
- (⊕) Execute authorities of the Director, NGA as the DoD Modeling and Simulation Executive Agent, as designated by the USD (Acquisition, Technology and Logistics), and as the lead for the M&S Strategic Implementation Plan established by the NGA M&S Community of Interest. Execute NGA's role as a member of the USD(I)-chartered Defense Intelligence M&S Collaboration Group and the DoD Intelligence M&S community, and interface with other NSG/IC M&S users.
- (⊕) Develop and coordinate the capabilities development documents (requirements documents) to support various TCPED systems.
- (S//NF) (b)(7) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e) [REDACTED]
- (U//FOUO) Coordinate within NGA and the NSG to provide input and guidance on developing insights, analyzing individual functional solutions, and developing integrated solutions for the ongoing development of the (b)(7) 50 USC Sec. 3142 [REDACTED]

(U) Changes From FY 2012 to FY 2013:

- (S//NF) (b)(7) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e) [REDACTED]
- (S//NF) (b)(7) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e) [REDACTED]
- (S//NF) (b)(7) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e) [REDACTED]

(U) GEOINT DATA
(U) COMMERCIAL IMAGERY

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(U) Project Description

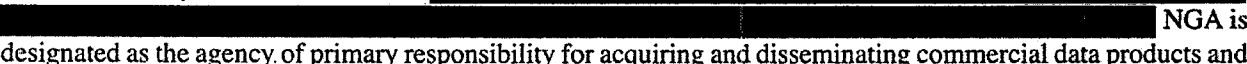
(U//FOUO) (b)(3) 50 USC Sec. 3142



(U//FOUO) Commercial Imagery Project resources acquire commercial imagery data, derived products, and services to support a wide range of geospatial information requirements for the IC, DoD, DHS, Department of State (DOS), (b)(3) 50 USC Sec. 3142 other federal, state, and local agencies. (b)(3) 50 USC Sec. 3142



Commercial imagery substantially improves US geospatial readiness and responsiveness by providing a global layer of current imagery data, enabling NGA to support crises/events anywhere in the world. (b)(3) 50 USC Sec. 3142



NGA is designated as the agency of primary responsibility for acquiring and disseminating commercial data products and services for all national security requirements and in consultation with the DOS, all foreign policy requirements.

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)



(U) Base resources in this project:

- (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)
- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)



- ~~(S)~~ (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- ~~(U//FOUO)~~ (b)(3) 50 USC Sec. 3142 [Redacted]
- ~~(U//FOUO)~~ Support federal and local humanitarian relief operations, upon request from DHS, during domestic, natural, and manmade disasters. Commercial imagery enables NGA to disseminate timely, unclassified GEOINT products to first responders, providing information critical to disaster preparation and response operations within operational decision timelines.
- ~~(U//FOUO)~~ Support international relief efforts, upon request from USAID's Office of US Foreign Disaster Assistance (OFDA), and international organizations, such as the International Committee of the Red Cross (ICRS) and International Atomic Energy Agency (IAEA) in support of natural disasters and humanitarian crises.
- ~~(U//FOUO)~~ Provide releasable imagery and products, upon request, to the DHS and other agencies in support of homeland security missions, such as border security, special national security events. (b)(3) 50 USC Sec. 3142 [Redacted]
- ~~(U//FOUO)~~ Provide program management, strategy development, integration, customer support, and policy support for NGA's commercial imagery interface with the intelligence, DoD, civil, federal, and commercial industry communities.
- ~~(U//FOUO)~~ Provide acquisition support for purchasing advanced image processing or image services that (b)(3) 50 USC Sec. 3142 [Redacted] Project resources manage the acquisition of products such as the (b)(3) 50 USC Sec. 3142 [Redacted] Services include a web map service that can disseminate commercial imagery to DoD, non-DoD, and non-governmental agencies during times of crisis and emergency.
- ~~(U//FOUO)~~ Provide technical and analytical services, and performance measures to ensure the quality of commercial imagery and improve the integration of commercial imagery into the (b)(3) 50 USC Sec. 3142 [Redacted]
- ~~(U//FOUO)~~ Provide Web Hosting Service capabilities that enable on-line, on-demand access to GEOINT on the Internet, NIPRNet, and SIPRNet that have proven valuable to warfighters, special operations, and first responders.

~~(U)~~ There are no new activities in this project for FY 2013.

~~(U)~~ Overseas Contingency Operations (OCO) resources in this project are used to:

- ~~(S//NF)~~ (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- ~~(S//NF)~~ (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- ~~(S//NF)~~ (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]

(U) The NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Continue to implement NGA's commercial imagery strategy to assure increased access to commercial imagery and user-friendly GEOINT products, providing on-line, on-demand access in support of DoD and IC requirements.
- (U//FOUO) Complete the third year of the (b)(3) 50 USC Sec. 3142 [REDACTED]
- (U//FOUO) Continue to task and collect a significant share of mapping, charting, and geodesy GEOINT requirements using commercial assets. (b)(3) 50 USC Sec. 3142 [REDACTED]
- (U//FOUO) Execute the first year of the new GEOINT Data Services (GDS) contract.

(U) This project is funded jointly in the NIP and the MIP. Refer to MIP CJB, Volume VI. The following sections address only NIP-funded activities.

(U) Changes From FY 2012 to FY 2013:

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

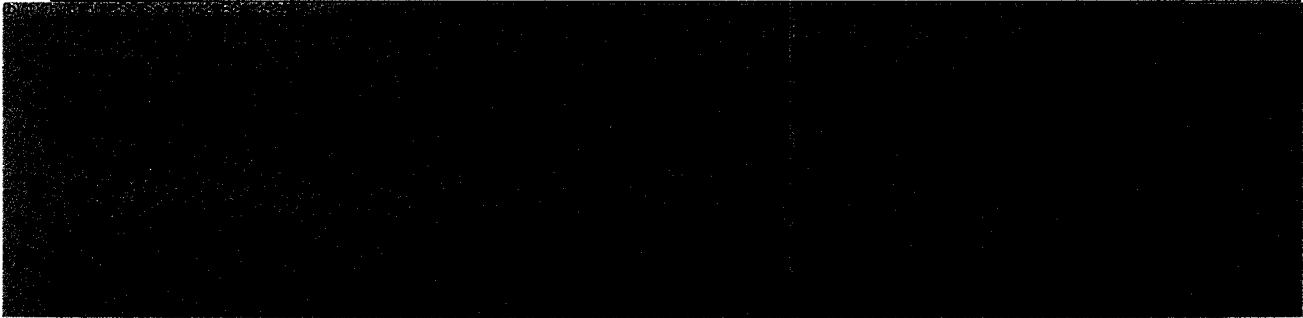
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

(U) MISSION PROCESSING AND EXPLOITATION
(U) NSG OPERATIONAL SYSTEMS

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(U) Project Description

(U) National System for Geospatial-Intelligence (NSG) Operational Systems Project resources provide for the sustainment of the baseline operational architecture for the NSG. Resources support software maintenance, hardware recapitalization, and minor modifications to maintain current operational capability for system elements, including analyst workstations, libraries, and dissemination systems. Major systems acquisitions for the NSG, such as the NSG Block II and the Saint Louis Information Library (STIL), build upon the architectural foundation maintained by this project. Efforts funded under this project are critical to the mission continuity of GEOINT information management services, dissemination and storage, and exploitation capabilities.

(U) Base resources in this project are used to:

- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]
- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

(U) There are no new activities in this project for FY 2013.

(U) Overseas Contingency Operations (OCO) resources in the project are used to:

- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

**(U) MISSION PROCESSING AND EXPLOITATION
(U) NSG SYSTEMS ENGINEERING**

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(U) Project Description

(U//FOUO) NSG Systems Engineering Project resources provide engineering services across the NSG enterprise, including engineering development activities for GEOINT production systems and corporate management systems. Project activities are divided into two Subprojects: Enterprise Engineering (EE) and System Integration (SI).

(U//FOUO) EE resources focus on enterprise management efforts, such as scheduling, requirements, and test/evaluation planning. EE resources support NSG source integration, architecture and standards, and systems engineering.

(U//FOUO) SI resources provide overarching system integration activities that support both the current and future NSG architecture. These resources ensure that NSG component systems perform efficiently and function as a system of systems (SOS).

(U) Base resources in this project are used to:

- (U//FOUO) Provide NSG systems engineering crucial to the successful deployment of NGA's complex mission systems.
- (U//FOUO) Execute an efficient configuration management process and maintain an integrated master schedule for the development and deployment of NSG systems.
- (U) Implement systems and software engineering process improvements enterprise wide.
- (U) Provide systems and customer requirements support for NSG development and fielding.
- (U//FOUO) Operate and maintain a robust Integrated Test Facility (ITF) to test and evaluate NSG enterprise software and hardware systems.
- (U//FOUO) Provide systems integration and initialization support, integration of source tasking, and workflow management capabilities.
- (U//FOUO) Provide for an enterprise image quality analysis capability that supports cross-agency sensor engineering feedback, and internal system(s) and SOS quality control checks.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Continue providing core enterprise engineering and system integration services to assure timely accomplishment of the program baseline. (NGP_00642)
- (U//FOUO) Continue providing integrated test services for new, upgraded, or modified NSG systems. (NGP_00641)
- (U//FOUO) Continue to provide product image quality analysis and system quality control checks.
- (U//FOUO) Continue to develop GEOINT engineering plans, pre-acquisition documentation, and architecture artifacts to provide on-line, on-demand access to GEOINT products.

(S//TK//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)
[Redacted]

(U) Changes From FY 2012 to FY 2013:

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]

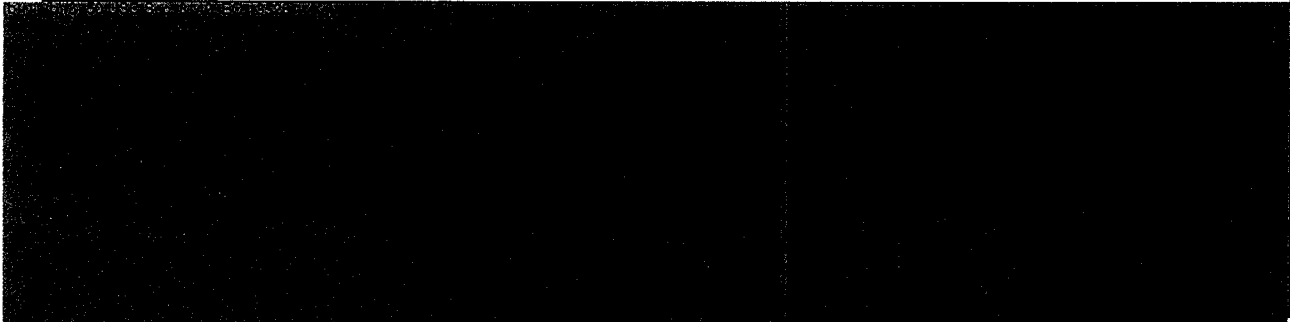
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]

(U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]

(U) MISSION PROCESSING AND EXPLOITATION
(U) NSG INTEGRATED ARCHITECTURE SERVICES

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(U) Project Description

(S) (b)(1) (b)(3) 10 USC Sec. 424, EO 13526 Sec. 1.4(e)



(U) Base resources in this project are used to:

- (U) Modernize foundational GEOINT capabilities including:
 - (U) NGA systems for producing safety of navigation data and products. Global Navigation Services (GNS) builds new aeronautical and maritime domain databases to ingest and store data in authoritative databases. GNS allows for dissemination and sharing of data that is simultaneously updated across GEOINT domains and the NSG.
 - (U) Data management providing value-added human geography (HG) content in support of foundational GEOINT delivered throughout the NSG via on-line dissemination services. HG is an inter-disciplinary approach to describing spatial and temporal patterns of human behavior in the geospatial environment.
 - (U) Topographic Feature Data Management (TFDM) will develop a fully-integrated COTS solution to ingest, store, and disseminate topographic feature data based on four scale bands: global, regional, local and specialized (urban). This will provide topographic feature data storage, maintenance, and product generation.
- (U//FOUO) Develop the next generation imagery exploitation capability to replace the current integrated exploitation capability (IEC) workstation. The follow-on capability will provide a comprehensive suite of standards-based COTS and government-off-the-shelf (GOTS) software tools designed to deliver advanced geospatial exploitation capabilities, fuse multi-source data, produce a wide variety of GEOINT products, conduct research and negation tasks, and conduct broad area searches.

- (U//FOUO) (b)(3) 50 USC Sec. 3142
-

(b)(3) 50 USC Sec. 3142
[Redacted]

- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

- (TS//TK//NF) (b)(1) (b)(3) 50 USC Sec. 3142 E.O. 13526 (S//NF)
[Redacted]

- (U//FOUO) Allow mission partners to access GEOINT through a single interface. GEOINT access enables internal and external NGA users and partners to discover, receive, tag, store, and share GEOINT data, products, and services. Major GEOINT access efforts funded in this project include:

- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 (S//NF)
[Redacted]

- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

(U) In addition, there is one new activity in this project for FY 2013.

- (U//FOUO) Initiate Electronic Data Management (EDM) engineering and development/ acquisition of enterprise resource management and metadata tagging that enable data disposition and management to reduce enterprise data storage.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Improve foundational GEOINT through incremental deliveries as follows (NGP_00641):
 - (U//FOUO) Continue Global Navigation Service-Aeronautical (GNS-A) and Global Navigation Service-Maritime (GNS-M) system modernization.
 - (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]
 - (U//FOUO) Complete initial HG engineering and architecture development and begin HG capability development.
 - (U//FOUO) Complete EDM engineering and architecture development and begin modernization development.

- (U//FOUO) (b)(7) 50 USC Sec. 3142 [REDACTED]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]
- (U//FOUO) Continue to develop and transition to an NSG enterprise-wide security access and control system to meet IC/DoD objectives for information sharing (IC Directive 501 Information Sharing):
 - (U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]
 - (U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]
 - (U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]
 - (U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]
- (U//FOUO) Improve on-line/on-demand access to GEOINT.
 - (U//FOUO) Continue to maintain and enhance an agile content management system, empowering owners of NGA GEOINT knowledge to easily manage their content for presentation across the NSG.
 - (U//FOUO) Continue to improve and implement single web presence solutions and services.
 - (U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]
 - (U//FOUO) Continue to identify and develop OGC compliant network service interfaces to expand available datasets.
- (U//FOUO) Complete CASi development of hardware and software enhancements.

(U) Changes From FY 2012 to FY 2013:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]
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- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]

**(U) MISSION PROCESSING AND EXPLOITATION
(U) SAINT LOUIS INFORMATION LIBRARY (STIL)**

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(U) Project Description

(U//FOUO) Saint Louis Information Library (STIL) Project resources provide the foundation for NGA's Geospatial-Intelligence Knowledge Base (GKB). The GKB provides an interconnected group of data holdings and services for knowledge management and data mining. The primary objective of the STIL program is to transform existing dissimilar and geographically dispersed GEOINT library and data storage elements into a homogenous, net-centric, and data-centric operations platform. The STIL program encompasses all facets of current and future NSG data storage and dissemination operations.

(U) Base resources in this project are used to:

- (U//FOUO) Support the three major components of the STIL acquisition: 1) physical racks, servers, and storage infrastructure; 2) software development, including development of a common database structure to harmonize, synchronize, and (where possible) standardize the holdings; and 3) the migration of the imagery and support data holdings from their current locations to the STIL.
- (U//FOUO) Ensure that Phase 4 development meets evolving NSG requirements. Phase 4 will [REDACTED]
[REDACTED]
[REDACTED]
- (U//FOUO) Sustain STIL Phases 2-4 capabilities.

(U) There are no new activities in this project for FY 2013.

(U) The NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Complete the development and procurement activities for STIL Phase 4. (NGP_00659, NGP_00660, NGP_00661)
- (U//FOUO) Sustain STIL Phase 2-4 capabilities and provide program management and engineering support for the STIL. (NGP_00666)

(U) MISSION PROCESSING AND EXPLOITATION
(U) NSG ENTERPRISE MODERNIZATION

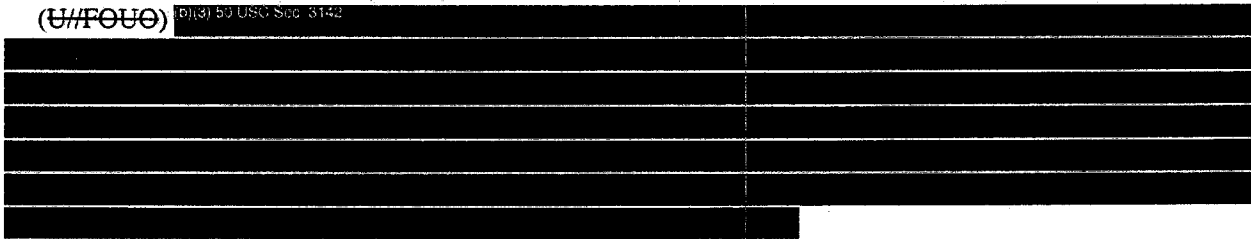
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(U) Project Description

(U//FOUO) NSG Enterprise Modernization Project resources enable the transformation of the NSG architecture from a stovepiped architecture to a sensor- and platform-neutral architecture as defined in the NSG Block II Capability Development Document. This multi-year modernization effort is essential to NGA's ability to efficiently and securely task GEOINT collection assets, including NTM and an expanding set of commercial and airborne sources.

(U//FOUO) (b)(3) 50 USC Sec. 3142



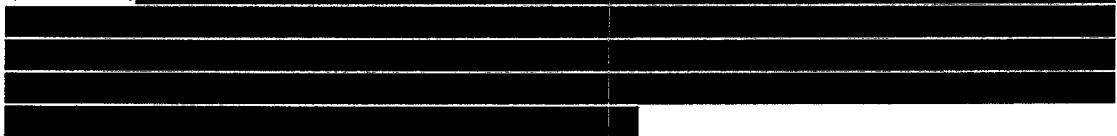
(U) Base resources in the project are used to:

- (U//FOUO) Realize NGA's goals to provide on-line, on-demand access to GEOINT and create new value by broadening and deepening analytical expertise. This NSG effort includes two increments: source tasking and management (RTM 2), and analysis and production management (RTM 3).
- (U) Continue development of RTM 2, the most significant change in the imagery collection community since the transition to the Requirements Management System (RMS) more than 10 years ago. RTM 2 consists of three releases.

— (U//FOUO) (b)(3) 50 USC Sec. 3142



— (U//FOUO) (b)(3) 50 USC Sec. 3142



— (U//FOUO) (b)(3) 50 USC Sec. 3142



(b)(7) 50 USC Sec. 3142
[Redacted]

- (⊕) Develop RTM 3. RTM 3 will provide flexible production management capabilities that support varying user missions throughout the analytical process. Releases of RTM 3 capabilities will enable analysts to use desktop publishing, social software, and multi-media technologies as interactive media for data and product visibility. RTM 3 also will provide extendable web-based GEOINT access as well as reliable, maintainable, available service through multiple modes of operation and security domains. RTM 3 will permit the retirement of stovepiped production management systems, including [Redacted] (b)(7) 50 USC Sec. 3142. The RTM 3 effort was baselined in FY 2011 in consultation with stakeholders.

(⊕) There are no new activities in this project for FY 2013:

(⊕) NGP expects the project to accomplish the following in FY 2013:

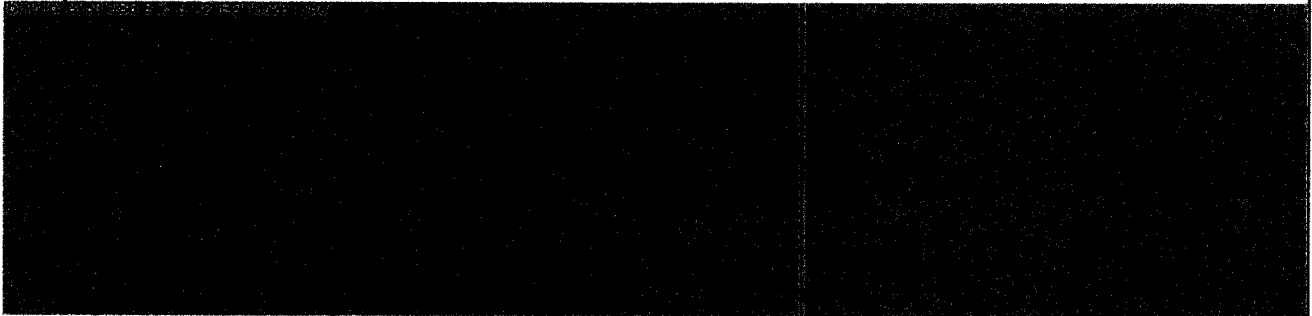
- (U//FOUO) (b)(7) 50 USC Sec. 3142 [Redacted]
- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
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- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]

(⊕) Changes From FY 2012 to FY 2013:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]

(U) ANALYSIS
(U) REGIONAL

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(U) Project Description

(U//FOUO) Regional Project resources provide for GEOINT analysis and production focused on the nation's most pressing intelligence issues related to specific countries and activities in the geographic regions of the world. Project resources support the delivery of GEOINT products and services to national policymakers, military decisionmakers, DoD and IC operational forces, IC analysts, domestic agencies, international organizations, allies, and coalition partners. NGA analysts are located on site at [REDACTED] (b)(7) 50 USC Sec. 3142

(U) Base resources in this project are used to:

- (U) Provide regional crisis support.
- (S) [REDACTED] (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a)
- (U//FOUO) Support arms control and treaty monitoring efforts.
- (U//FOUO) Accomplish in-depth research on a range of GEOINT issues, including foreign military capabilities, operations, and [REDACTED] (b)(7) 50 USC Sec. 3142
- (S) [REDACTED] (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a)
- (S) [REDACTED] (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a)
- (U) Support global US and international humanitarian operations at the direction of the US Department of State (DOS).
- (U) Provide dedicated production support for all NGA analytic operations, including specialized graphics production, editorial services, and quality control assistance for final GEOINT product dissemination.
- (U) Provide centralized operations support services for all NGA analysts; co-production agreement funding and support services for analysts participating in foreign GEOINT production sharing activities; centralized guidance to ensure a balanced analytic focus; and a tradecraft office to strengthen GEOINT expertise, methods, and practice.

- (U//FOUO) Facilitate documentation of accomplishments and to enhance performance management by using an outreach program to assess customer satisfaction. This program gauges the timeliness/responsiveness, reliability/accuracy, relevance/usefulness, and impact of GEOINT analysis, products, and services. NGA will continue its outreach program to assess the satisfaction level of GEOINT customers.

(U) There are no new activities in this project for FY 2013.

(U) Overseas Contingency Operations (OCO) resources in this project are used to:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Enable more efficient self- and assisted-service GEOINT applications providing users, from novice to expert, access to NGA's content, services, and expertise.
- (U//FOUO) Maintain a high level of customer satisfaction with NGA support to IC and domestic partners. (AP_00014, NGP_00645, NGP_00646, NGP_00647)

(U) Changes From FY 2012 to FY 2013:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]

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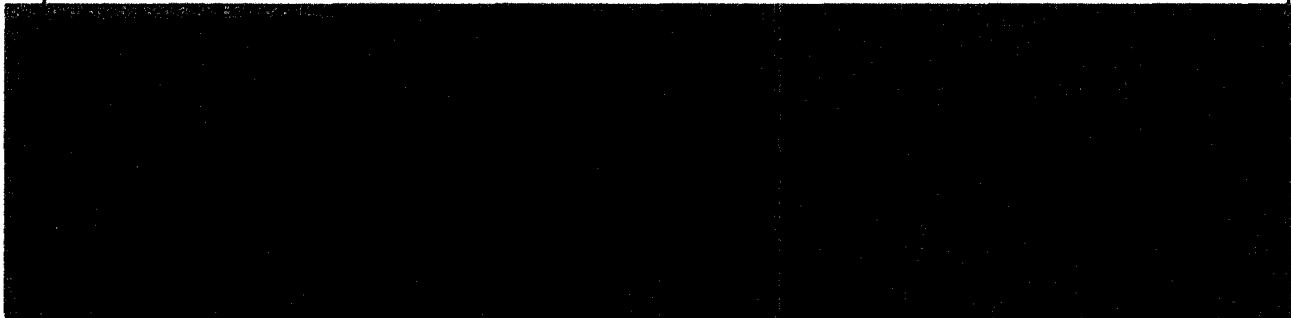
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- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]

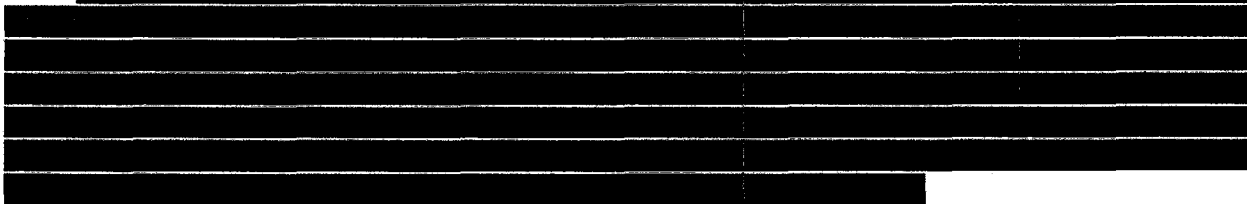
(U) ANALYSIS
(U) TRANSNATIONAL

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(U) Project Description

(S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)



(U) Base resources in this project are used to:

- (U//FOUO) Conduct CT analysis and operations support.
- (U//FOUO) Support CP and counter-WMD efforts.

• (TS//SI//TK//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)



• (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

- (U//FOUO) Provide GEOINT crisis support and in-depth research on a range of transnational issues, such as underground facilities, energy and economic activity, and physical infrastructure affecting information operations, including cybersecurity.

• (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)



- (U//FOUO) Produce assessments of environmental and natural resource issues that may affect the political or economic stability of regions or states or the safety of US troop deployments.
- (U//FOUO) Facilitate documentation of accomplishments and enhance performance management by using an outreach program to assess customer satisfaction. This program gauges the timeliness/responsiveness, reliability/accuracy, relevance/usefulness, and impact of GEOINT analysis, products, and services. NGA will continue its outreach program to assess the satisfaction level of GEOINT customers.

(U) There are no new activities in this project for FY 2013.

(U) ANALYSIS
(U) ADVANCED GEOSPATIAL INTELLIGENCE (AGI) ANALYSIS

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(U) Project Description

(S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 (1.4e)
[Redacted text block]

(U//FOUO) Base resources in this project are used to:

- (U//FOUO) Provide functional and program management of NGP-funded AGIA and production programs.
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) Sustain analysis and production activities focused on regional and functional GEOINT analysis, imagery science support, time-dominant operations, and NSG reachback support.
- (U//FOUO) Deliver integrated GEOINT products and services within the (b)(3) 50 USC Sec. 3142 [Redacted] in support of intelligence, national policymakers, and force modernization communities.
- (U//FOUO) Provide integrated GEOINT products and services within the (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) Provide integrated GEOINT products and services within the (b)(3) 50 USC Sec. 3142 [Redacted] focused on maritime domain awareness in support of intelligence, national policymakers, and force modernization communities.

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]
- (U//FOUO) Deliver integrated GEOINT products and services within the (b)(3) 50 USC Sec. 3142 [REDACTED] expeditionary forces worldwide.
- (U//FOUO) Facilitate documentation of accomplishments and enhance performance management by using an outreach program to assess customer satisfaction. This program gauges the timeliness/responsiveness, reliability/accuracy, relevance/usefulness, and impact of GEOINT analysis, products, and services. NGA will continue its outreach program to assess the satisfaction level of GEOINT customers.

(U) There are no new activities in this project for FY 2013.

(U) OCO resources for this project are used to:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Enable more efficient self- and assisted-service GEOINT applications providing users—from novice to expert—access to NGA's content, services, and expertise.
- (U//FOUO) Maintain a high level of customer satisfaction with NGA support to IC and domestic partners. (AP_00014, NGP_00645, NGP_00646, NGP_00647)
- (U//FOUO) Support emergent regional conflicts with critical time-dominant information, while continuing to support normal day-to-day operations.

(U) Changes From FY 2012 to FY 2013:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

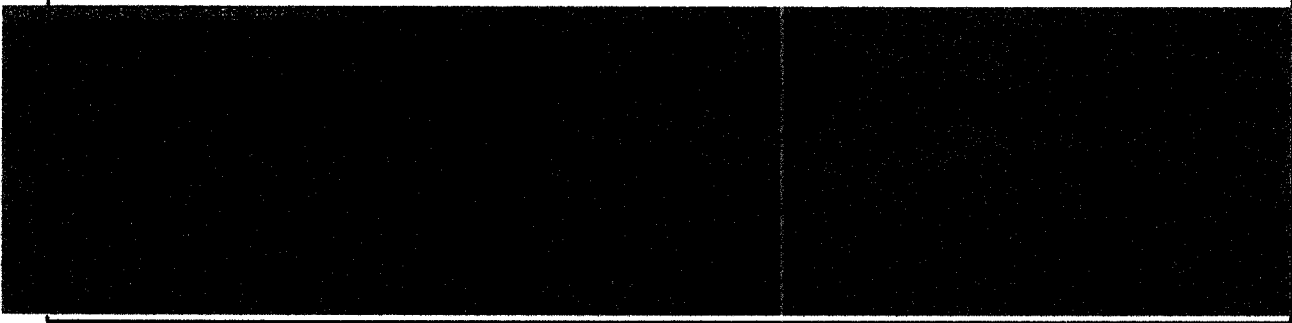
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- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [REDACTED]

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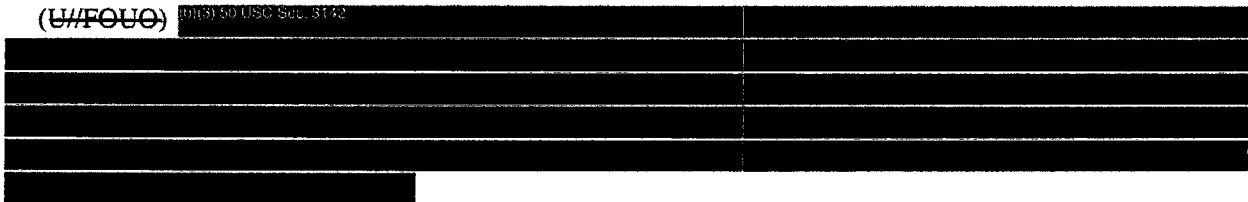
(U) ANALYSIS
(U) DEPLOYED OPERATIONS

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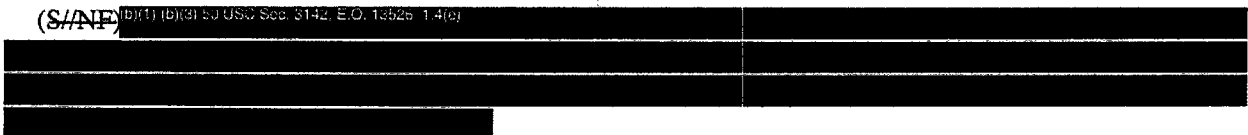


(U) Project Description

(U//FOUO) (b)(3) 50 USC Sec. 3142



(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142; E.O. 13526 1.4(e)



(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142; E.O. 13526 1.4(e)



(U) Base resources in this project are used to:

- (U//FOUO) Satisfy NGA-validated deployment requirements from external mission partners to execute GEOINT operations and provide expeditionary GEOINT support to crisis and contingency missions worldwide.
- (U//FOUO) Provide a single focal point to enable efficient management of NGA's deployment program, to include validating and managing NGA deployment requirements, recruiting for the NGA Voluntary Deployment Program, and maintaining the deployment schedule to ensure no gaps in coverage.
- (U//FOUO) Provide accountability for all NGA employees traveling OCONUS.
- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]
- (U//FOUO) Manage the pre-deployment, deployment, and post-deployment needs of staff preparing for CONUS and OCONUS contingency and crisis deployments, to include providing specialized readiness training, providing travel services and support, ensuring deployers receive required pre- and post-deployment medical evaluations and clearances, and addressing post-deployment reintegration requirements.

- (~~U//FOUO~~) Provide logistics and transportation support for deployed personnel and equipment.
- (~~U//FOUO~~) Prepare, deploy, and provide technical services to support NGA's expeditionary missions worldwide to include ensuring that deployed personnel have operational systems and equipment for their assigned areas.
- (~~U//FOUO~~) Facilitate NGA personnel participation in national and military exercises, which provides valuable training and experience.

(~~U~~) There are no new activities in this project for FY 2013.

(~~U~~) OCO resources in this project are used to:

- (~~S//NF~~) [REDACTED]
- (~~S//NF~~) [REDACTED]
- (~~U//FOUO~~) Employ emerging technologies to provide innovative processes and techniques to enhance GEOINT support.
- (~~U//FOUO~~) Provide shipping of equipment, supplies, material, systems, etc. for deployed staff.
- (~~S//NF~~) [REDACTED]
- (~~S//NF~~) [REDACTED]
- (~~U//FOUO~~) Provide medical support and CI training for deployers.
- (~~U//FOUO~~) Provide spare parts for deployed systems.
- (~~U//FOUO~~) Provide certification and accreditation (C&A) support for the deployed communications infrastructure, including [REDACTED] and other systems and equipment as required.

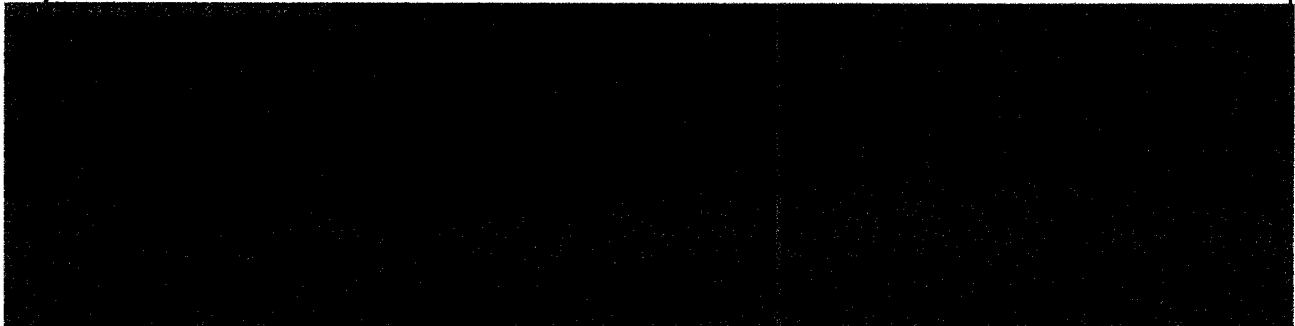
(~~U~~) NGP expects the project to accomplish the following in FY 2013:

- (~~U//FOUO~~) Continue to recruit, train, equip, and deploy well-qualified deployers to meet 100% of validated requirements from IC and COCOM mission partners. (NGP_00663)
- (~~U//FOUO~~) Sustain technical, logistical, analytical, and liaison support to NGA's operational and embedded personnel.
- (~~U//FOUO~~) Continue to improve, upgrade, and recapitalize the NDS—a set of interoperable systems that can operate in a variety of environments—enhancing NGA's ability to respond to crisis events by deploying standardized hardware and software to allow access to data and improve collaboration.

(~~U~~) This project is funded in the NGP base; however, it receives OCO funds from both the NIP and the NGA MIP. While base resources have been consolidated in the NIP as part of NIP-MIP guidelines, OCO funds are still split between the NIP and MIP. [REDACTED] for activities funded with NGA MIP OCO funds.

(U) ANALYSIS
(U) HOMELAND SECURITY

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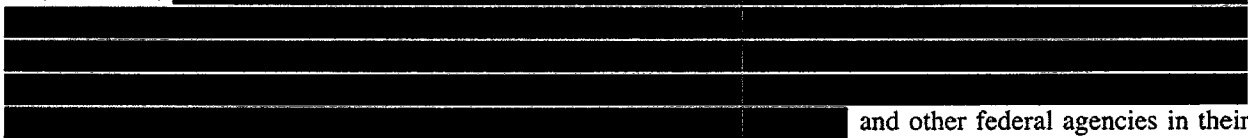


(U) Project Description

(S//TK//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(c)



(U//FOUO) (b)(3) 50 USC Sec. 3142



and other federal agencies in their HLS missions.

(U) Base resources in this project are used to:

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(c)



(U//FOUO) Provide GEOINT analyses and assessments to (b)(3) 50 USC Sec. 3142



(U//FOUO) Provide GEOINT analyses and damage assessments to FEMA to support consequence management and long-term recovery following a domestic disaster.

(U//FOUO) Provide highly specialized data related to critical infrastructure and key resources for US urban areas at both national and local levels of detail.

(S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(c)



(U//FOUO) Provide time-sensitive GEOINT analysis on the effects of natural or manmade disasters; for example, assessments related to wildfires, earthquakes, hurricanes, floods, tornadoes, and terrorist attacks.

- (U//FOUO) Facilitate the documentation of accomplishments and enhancement of performance management by using an outreach program to assess customer satisfaction. This program gauges the timeliness/responsiveness, reliability/accuracy, relevance/usefulness, and impact of GEOINT analysis, products, and services. NGA will continue its outreach program to assess the satisfaction level of GEOINT customers.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Enable more efficient self- and assisted-service GEOINT applications providing users, from novice to expert, access to NGA's content, services, and expertise.
- (U//FOUO) Maintain a high level of customer satisfaction with NGA support to IC and domestic partners. (AP_00014, NGP_00645, NGP_00646, NGP_00647)
- (U//FOUO) Support all DHS-designated National Special Security events, to include the Presidential Inauguration and other designated events.

(U) Changes From FY 2012 to FY 2013:

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)

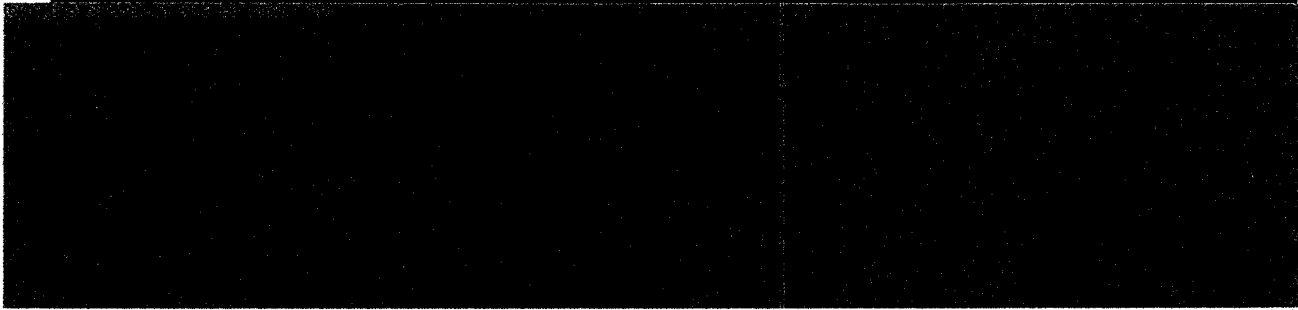
• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)

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(U) ANALYSIS
(U) ANALYTIC INTEGRITY AND STANDARDS

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(U) Project Description

(U//FOUO) Analytic Integrity and Standards Project resources provide NGA support to the ODNI to establish IC standards and evaluation methods and develop standardized IC training for GEOINT analysis and products.

(U) Base resources in this project are used to:

- (U) Provide analytic ombudsman services for NGA.
- (U) Determine standards and review processes for GEOINT products and information.
- (U) Review GEOINT products and information (using sampling methods) to evaluate quality and adherence to IC standards.
- (U) Provide quality review data and customer feedback information to analysts.
- (U//FOUO) Perform outreach to other IC, DoD, public, and private sector organizations to share quality practices, communication, and guidance about quality methods for, and training and education on, structured analytical techniques. These efforts aim to improve the quality of NGA and IC-wide analysis.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Evaluate NGA finished products in accordance with IC Directive 203.

(U) Changes From FY 2012 to FY 2013:

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a)

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a)

**(U) ENTERPRISE IT SYSTEMS
(U) PLATFORMS**

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(U) Project Description

(U//FOUO) Platforms Project resources provide for NGA's corporate computing infrastructure, including desktop workstation services and major IT contracting support.

(U) Base resources in this project are used to:

- (U//FOUO) Provide desktop workstation services that support the movement, installation, and proper disposal of workstation hardware.
- (U) Manage efforts related to the solicitation, selection, award, management, settlement, and retirement of contracts and business agreements for all agency IT goods, services, and data.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U) Maintain a (b)(3) 50 USC Sec. 3142 resolution rate for desktop computer tickets within the prescribed timeframe (b)(3) 50 USC Sec. 3142, depending on tier 1-3 priority) with the efficiencies realized from the consolidation of services that centralized management of NGA's three primary IT service providers. (NGP_00649)
- (U) Expand thin-client environment to the St. Louis and Arnold sites, resulting in greater system stability and improved cost containment. (NGP_00635)

(U) Changes From FY 2012 to FY 2013:

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

**(U) ENTERPRISE IT SYSTEMS
(U) CONNECTIVITY**

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(U) Project Description

(U//FOUO) Connectivity Project resources provide for the installation and maintenance of NGA's worldwide networks. This effort includes around-the-clock operations and maintenance of an infrastructure that disseminates data and voice communications worldwide over secure and non-secure networks.

(U) Base resources in this project are used to:

- (U//FOUO) Provide connectivity across NGA's technical infrastructure, local area networks (LAN); wide area networks (WAN), including the Interim Transition Capability (ITC); leased lines; and telephone communications services.
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) Fund leased lines and telephone communications services and recurring costs associated with wide-area bandwidth purchased from multiple communications mission partners.
- (S//NF) (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e) [Redacted]

(U) There are no new activities in this project for FY 2013.

(U) Overseas contingency operations (OCO) resources in this project are used to:

- (S//NF) (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e) [Redacted]
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]

**(U) ENTERPRISE IT SYSTEMS
(U) MANAGEMENT AND SUPPORT**

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(U) Project Description

(U//FOUO) Management and Support Project resources maintain NGA's Office of the Chief Information Officer (OCIO) activities. Project resources enable the operation of NGA's Enterprise Service Centers (ESCs), provide configuration management control for all NGA systems, and management of NGA's IT policies and privacy programs.

(U) Base resources in this project are used to:

- (U//FOUO) Enable OCIO activities, such as IT strategic planning and policy development; IT information sharing across the US and allied intelligence and warfighter communities; privacy program implementation; and National System for Geospatial-Intelligence (NSG) architecture and standards functional management.
- (U//FOUO) Establish, maintain, and mature the NSG enterprise architecture to enable IT portfolio management (PfM) in compliance with the Clinger-Cohen Act.
- (U//FOUO) Conduct Capital Planning and Investment Control Process (CPIC) activities in compliance with the Clinger-Cohen Act.
- (U//FOUO) Establish and maintain an IT governance framework and investment review process to ensure disciplined acquisition and management of IT investments in accordance with NGA strategic objectives.
- (U//FOUO) Manage and control current versions of hardware, software, and related architecture documents that comprise and support NGA's IT infrastructure.
- (U//FOUO) Plan, manage, execute, validate, and document the installation, movement, modification, and removal of NGA's IT infrastructure (non-desktop) hardware, software, and communications equipment.
- (U//FOUO) Support operation of the ESCs, which record, manage, and resolve IT infrastructure (non-desktop) incidents reported by NGA users.
- (U//FOUO) Plan, manage, execute, validate, and document OCIO policies.
- (U//FOUO) Execute NGA's privacy program, providing governance, policy, outreach, reporting, privacy protection, and operational structure.
- (U//FOUO) Plan, develop, and mandate NSG GEOINT architecture and standards.
- (U//FOUO) Operate and maintain NGA's corporate business applications.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

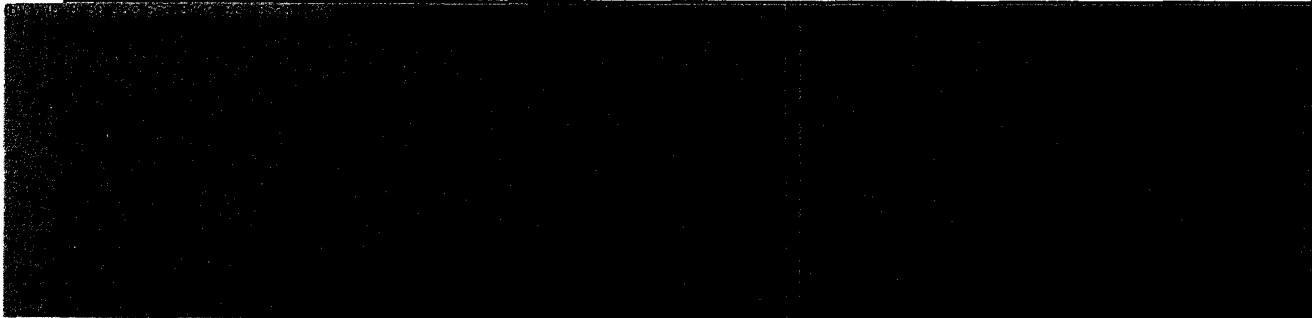
- (U//FOUO) (b)(7) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (U//FOUO) Manage IT assets connected to the agency's operational networks.
- (U//FOUO) Advance NGA's IT strategic planning processes with NSG partners, executing the IT Performance Management Program and aligning goals and objectives to the IT Strategic Plan.
- (U//FOUO) Facilitate IT governance and provide outreach to CIOs across the IC; provide oversight for information sharing, including increased access to and dissemination of GEOINT; and sustain NSG architecture and standards policies.
- (U//FOUO) Continue to execute the Agency's privacy program, including implementation of the Privacy Impact Assessment/System of Records Notice procedures, an OMB directive to reduce the dependence on social security number usage, and a Privacy Breach Incident Response Program.
- (U//FOUO) Continue to execute and grow NGA's IC Directive (ICD) 501 Program to strengthen the sharing, integration, and management of information within the IC.
- (U//FOUO) Continue and expand the application of the agency's enterprise architecture program to NGA's PFM processes.
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (U//FOUO) Improve NGA IT portfolio investment management, optimizing IT investments and investment approach to achieve NGA's strategic goals. Mature IT PFM and the CPIC processes, and apply IT PFM best practices to evaluate, assess, and prioritize NGA IT investments against mission priorities.
- (U//FOUO) Perform enterprise-wide IT program and project assessments, including ICE and earned value management (EVM) oversight for major IT acquisition projects in support of ODNI CAIG ICEs, IT source selections, and PFM activities to ensure IT investments and implementation projects are managed to achieve cost, schedule, and performance objectives.

(U) Changes From FY 2012 to FY 2013:

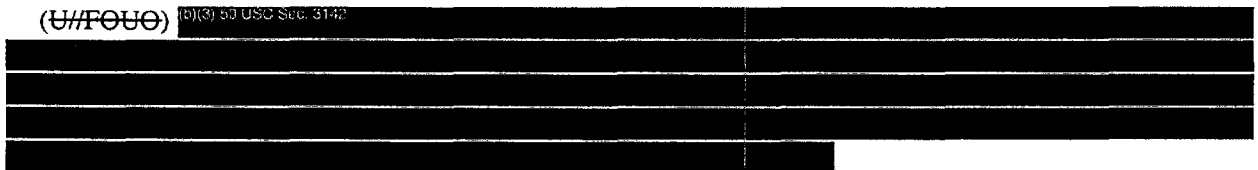
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a) [Redacted]

(U) ENTERPRISE IT SYSTEMS
(U) SYSTEMS MAINTENANCE

This Exhibit is SECRET//NOFORN



(U) Project Description



(U) Base resources in this project are used to:

- (U//FOUO) Maintain the ITC—a repository in the (b)(3) 50 USC Sec. 3142 that serves as a Tier 3-compliant alternate data site—to ensure critical mission continuity and support to mission partners.
- (U//FOUO) Maintain ISP aspects of the NSG architecture and GEOINT systems, including preventive, adaptive, and corrective maintenance, and system support. These systems support all phases of GEOINT TPED, including the Integrated Exploitation Capability, Imagery Exploitation Support System, the National Information Library, and the St. Louis Information Library (STIL).
- (U//FOUO) Purchase and maintain NGA enterprise software licenses.
- (U//FOUO) Maintain and support NGA's deployable production systems, including the Domestic Mobile Integrated Geospatial Intelligence System. NGA maintains these IT deployment services worldwide, as well as NST deployments, to provide military, intelligence, and civil mission partners with imagery and geospatial products and services customized for current operations and contingencies.
- (U//FOUO) Support IT service quality management efforts and ISO activities that identify and implement process improvements to attain excellence in industry standard processes.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Maintain network availability at (b)(3) 50 USC percent. (NGP_00595)
- (U//FOUO) Maintain critical production system availability at (b)(3) 50 USC percent. (NGP_00596)
- (U//FOUO) Maintain (b)(3) 50 USC percent resolution rate of desktop computer tickets within a prescribed timeframe of four hours to three days, depending on tier 1-3 priority. (NGP_00649)

(U) ENTERPRISE IT SYSTEMS
(U) DATA HANDLING & END-USER FUNCTIONALITY

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(U) Project Description

(U//FOUO) Data Handling and End-User Functionality Project resources provide support for GEOINT data repositories, data search and manipulation tools, collaborative services, and tools for producing and disseminating finished products to national policymakers, operational forces, and mission partners.

(U) Base resources in this project are used to:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]
- (U) Provide tailored imagery dissemination and GEOINT access services to support DoD, coalition, and civilian expeditionary and crisis operations worldwide.
- (U//FOUO) Enable NGA's Applied IT Solutions (AITS) program, including the Web-based Access and Retrieval Portal (WARP), which provides access to GEOINT through multiple security domains.

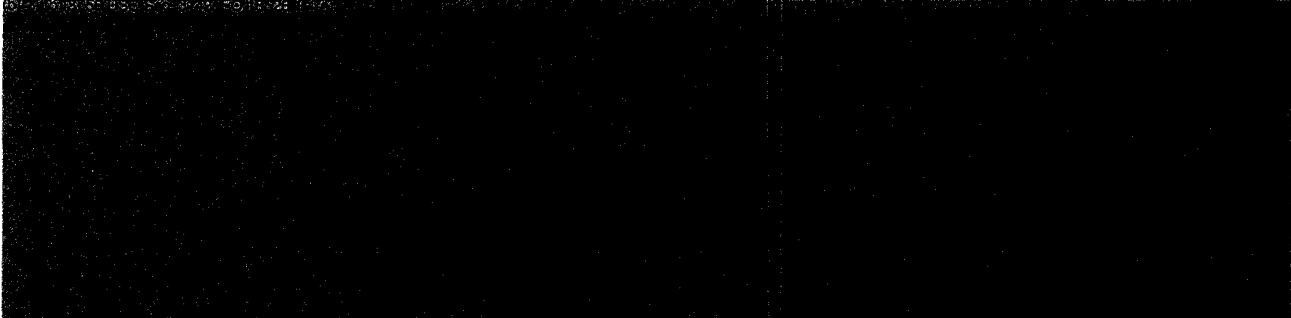
(U) There are no new activities in this project for FY 2013.

(U) OCO resources in this project are used to:

- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]
- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

(U) ENTERPRISE IT SYSTEMS
(U) INFORMATION ASSURANCE

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(U) Project Description

(U//FOUO) Information Assurance (IA) Project resources provide cyber security for all NGA networks, systems, and geospatial data worldwide. These efforts ensure that NGA data and IT systems are safe, secure, and compliant with applicable laws and regulations.

(U) Base resources in this project are used to:

- (U//FOUO) Fight cyber intrusions from state and non-state actors and guard against national security breaches by adversaries.
- (U//FOUO) Constantly monitor NGA worldwide intelligence networks and ensure system security and configuration compliance.
- (U//FOUO) Provide around-the-clock, on-call, operational response to emergency cyber attacks, threats, warning orders, and incidents; and coordinate with the JTF-GNO and the US Center for Computer Incident and Emergency Response operations.
- (U//FOUO) Maintain around-the-clock information security support to NGA personnel deployed in theater and externally assigned at the COCOMs.
- (U//FOUO) Provide management and technical oversight of NGA electronic perimeter defense systems to ensure uninterrupted GEOINT access to mission partners and protect the global information grid.
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) Provide enterprise-controlled interface and cross-domain security compliance, engineering, and monitoring; and provide malicious code scanning, containment, and remediation.
- (U//FOUO) Direct Agency Federal Information Security Act (FISMA) reporting and compliance monitoring, to include performing DoD Directive 8570.01 "Information Assurance Training, Certification, and Workforce Management" training and triennial site security inspections.

- (U) Provide around-the-clock Computer Incident/Emergency Response Team (CERT) support as directed by the White House Committee on National Security Systems draft directive requiring departments and agencies to establish an around-the-clock, year-round CERT.
- (U) Provide support for Information Sharing data calls per Executive Order (EO) 13587 (7 October 2011), "Structural Reforms to Improve the Security of Classified Networks and the Responsible Sharing and Safeguarding of Classified Information."

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

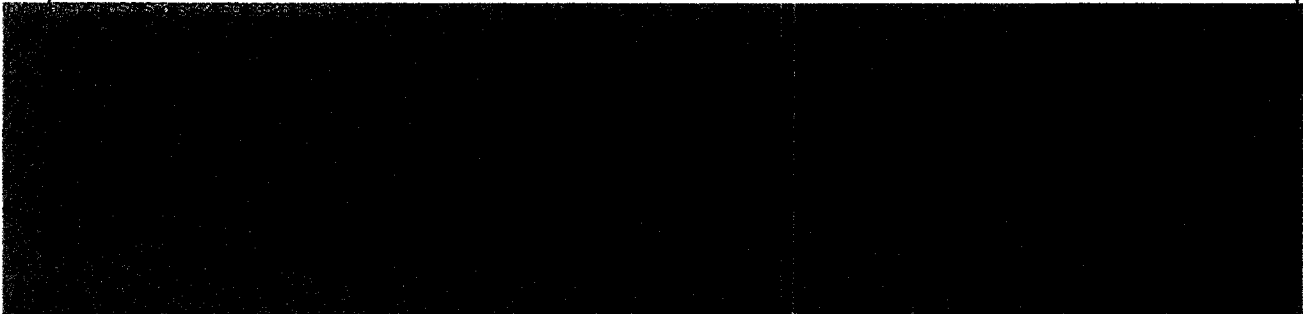
- (U//FOUO) Maintain NGA cyber defenses at (b)(3) 50 USC Sec. 3142 (NGP_00558)
- (U//FOUO) Continue to improve NGA cyber defenses using NGA enterprise-controlled interface and enterprise cross-domain platforms at the NCE.
- (U//FOUO) Continue NGA, ODNI, and DoD support for C&A efforts.
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

(U) Changes From FY 2012 to FY 2013:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]
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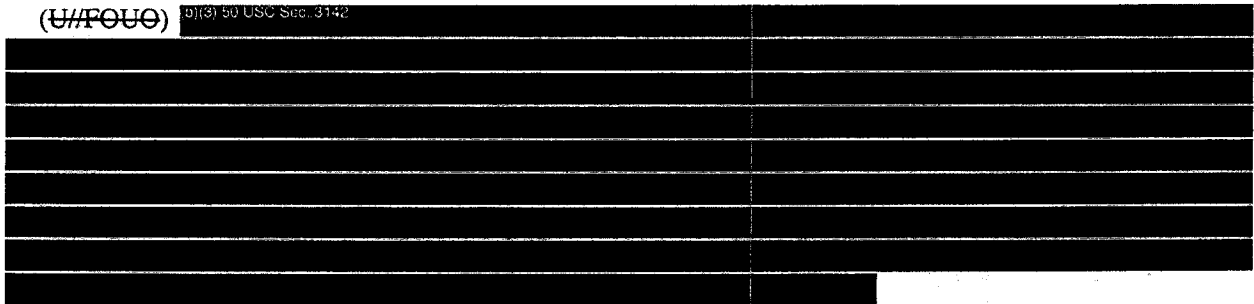
(U) RESEARCH AND TECHNOLOGY
(U) GEOINT BASIC AND APPLIED RESEARCH

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(U) Project Description

(U//FOUO) (b)(3) 50 USC Sec. 3142

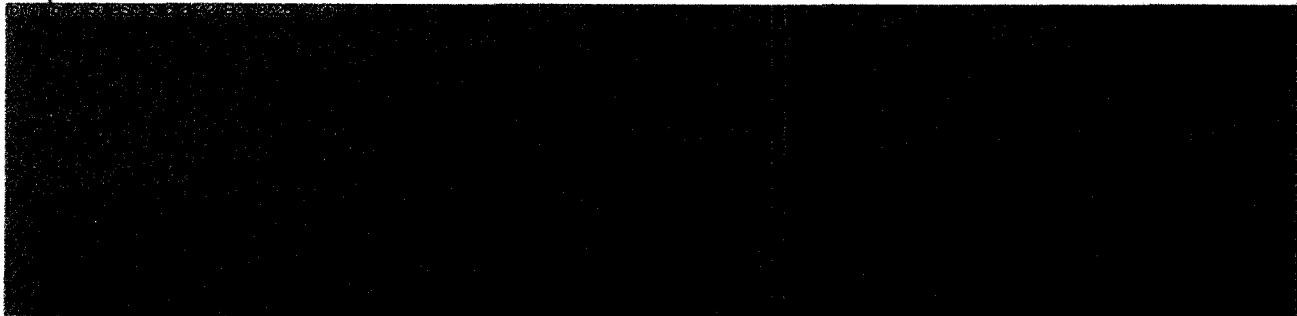


(U) Base resources in this project are used to:

- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4.(i) [redacted]
 - (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4.(i) [redacted]
 - (U//FOUO) Researching motion imagery processing methods to identify and develop new kinds of exploitation, reduce data file size significantly, facilitate change detection, and enhance accuracy.
 - (U//FOUO) Researching geodetic, geophysical, and hydrographic disciplines to improve collection and analysis by focusing on (b)(3) 50 USC Sec. 3142 characteristics of the earth's features.
 - (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4.(i) [redacted]
- (U) Research cross-cutting technologies to support:
 - (U//FOUO) New capabilities for fusing information from multiple sensors, sources, and intelligence disciplines in ways that improve the ability to (b)(3) 50 USC Sec. 3142 [redacted]

**(U) RESEARCH AND TECHNOLOGY
(U) GEOINT RESEARCH AND TECHNOLOGY ENABLERS**

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(U) Project Description

(U//FOUO) GEOINT Research and Technology Enablers Project resources support the R&D of a broad array of technologies that enable other activities funded within this EC.

(U) Base resources in this project are used to:

- (U) Partner with industry to develop new technologies and techniques and to improve existing commercial products to meet NSG needs and derive benefits for both government and industry.
- (U) Assess and demonstrate new information technologies and leverage applications developed by industry and government R&D portfolios.
- (S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 (1.416) [Redacted]
- (U) Engage NGA and NSG partners to facilitate technology transfer and insertion between NGA and the broader NSG.
- (U) Support the functional management of GEOINT R&D within the NSG to meet current and future intelligence challenges through strategic alignment.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) Continue to assess and demonstrate new IT technologies and leverage applications developed by industry and government R&D portfolios. (NGP_00633)
- (U//FOUO) Provide an R&D laboratory environment that supports the full range of basic and applied research, technology advancement, and technology transition. (NGP_00633)
- (U//FOUO) Develop transition strategies and continue to facilitate the transition of R&D capabilities into the NSG.

- (U//FOUO) Continue to conduct NSG R&D forums and symposiums to facilitate collaboration and leverage resources across the GEOINT Community. (NGP_00633)
- (U//FOUO) Enhance GEOINT capabilities by influencing R&D direction and collaboration with [redacted]

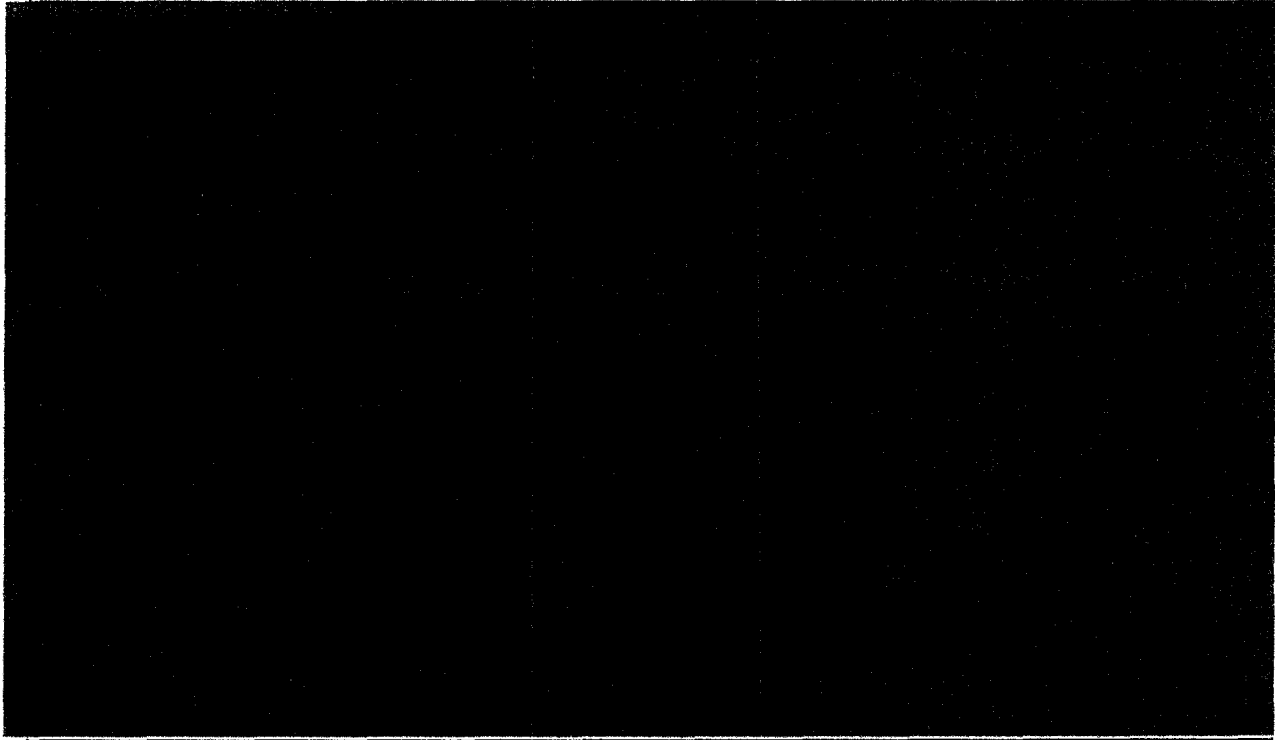
(+) Changes From FY 2012 to FY 2013:

(S//NF) [redacted]

• (S//NF) [redacted]

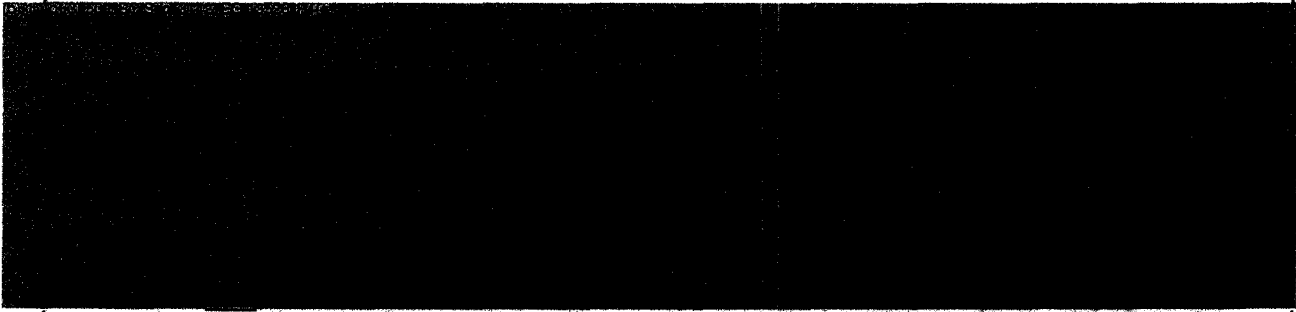
• (S//NF) [redacted]

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(U) ENTERPRISE MANAGEMENT
(U) SECURITY

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(U) Project Description

(U//FOUO) Security Project resources provide a secure and safe work environment for the production and dissemination of GEOINT to support operational and strategic priorities of the national security community in compliance with all applicable security-related federal laws, regulations, and executive orders.

(U) Base resources in this project are used to:

- (U//FOUO) Provide physical security for NGA facilities and employees; NGA space accreditation; antiterrorism/force protection (AT/FP); and disaster response planning, guidelines, and procedures.
- (U//FOUO) Support personnel security through investigations, adjudications, awareness training, and polygraphs. NGA remains reliant on external agencies for clearance investigations.

- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

- (U//FOUO) Consolidate select information management (IM) programs to centralize and more effectively manage agency IM activities. Activities include declassification, historical imagery declassification, records and information management, controlled unclassified information, and compliance with the Freedom of Information Act.

- (U//FOUO) Implement CI programs, policies, and procedures to detect, deter, and defeat (b)(3) 50 USC Sec. 3142
[Redacted]; support national CI objectives as directed by the ODNI and OUSD(I); facilitate and disseminate GEOINT products and services to the US CI and law enforcement communities; and provide operational staff that address potential (b)(3) 50 USC Sec. 3142
[Redacted]

Operate a supply chain risk management program to protect NGA acquisitions and enhance NGA's research and technology protection program.

(U) There are no new activities in this project for FY 2013.

(U) NGA expects the project to accomplish the following in FY 2013:

- (U//FOUO) Continue to meet security processing time performance targets to no greater than (b)(3) 50 USC Sec. 3142.
- (U//FOUO) Maintain the goal of transferring internal IC clearances within (b)(3) 50 USC Sec. 3142.
- (U//FOUO) Bring NGA's (b)(3) 50 USC Sec. 3142
- (U//FOUO) (b)(3) 50 USC Sec. 3142
- (U//FOUO) (b)(3) 50 USC Sec. 3142

(U) Changes From FY. 2012 to FY 2013:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e)
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e)
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e)
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e)
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e)
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e)
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e)
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e)

(U) ENTERPRISE MANAGEMENT
(U) FINANCE

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(U) Project Description

(U//FOUO) Finance Project resources provide for the effective financial management of NGA resources in support of national security objectives by overseeing all NGA budget and resource management issues in accordance with applicable ODNI and DoD guidance and consistent with federal laws and regulations.

(U) Base resources in this project are used to:

- (U//FOUO) Support corporate financial operations and reporting activities, document and exercise internal financial controls, conduct quality assurance compliance reviews, prepare financial statements, and update financial policies and procedures.
- (U//FOUO) Facilitate preparation of auditable financial statements.
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]
- (U//FOUO) Continue providing financial services through the Defense Finance and Accounting Service (DFAS) throughout the migration to GEO-F.
- (U//FOUO) Execute appropriated and reimbursable funds.
- (U//FOUO) Produce the annual NGA IPBS, Intelligence Program Budget Request (IPBR), CBJB, CJB, Agency Financial Report, and other required NIP and MIP program and budget documentation.
- (U//FOUO) Respond to ODNI, OSD, OMB, and Congressional oversight questions on program, budget, and execution issues.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Begin initial operations of GEO-F in partnership with (b)(3) 50 USC Sec. 3142 on 1 October 2012. (EMS_00050, EMS_00051)
- (U//FOUO) Continue to develop and implement automated interfaces between existing financial feeder systems and GEO-F after initial operating capability (IOC).
- (U//FOUO) Execute functions using GEO-F that were previously performed by DFAS, such as vendor pay (to include processing of invoices, receiving reports, and scheduling of payments) and NGA Treasury operations for disbursing, collection, reconciliation, and reporting.

- (U//FOUO) Continue audit remediation efforts and address corrective actions identified in the Corrective Action Plan (CAP). (EMS_00051)
- (U//FOUO) Continue integrating performance management into NGA investment decisions, programming processes, and budget submissions.

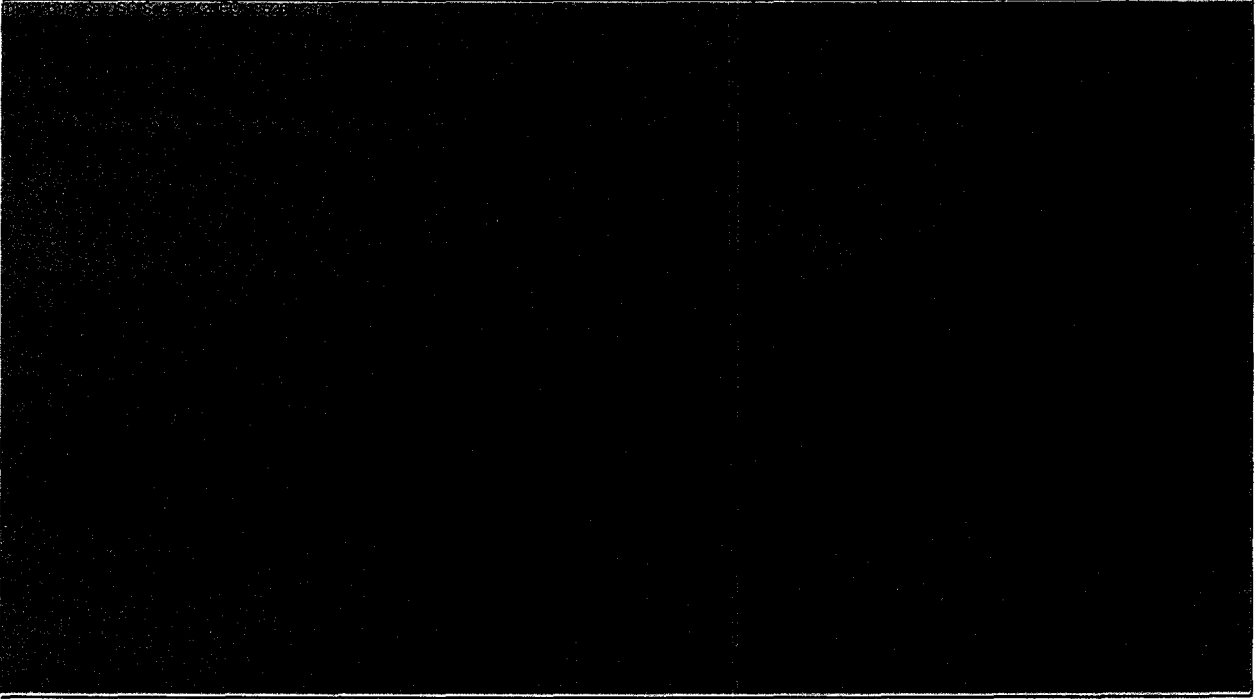
(U) Changes From FY 2012 to FY 2013:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e) [Redacted]

(b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

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(b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)



(U) ENTERPRISE MANAGEMENT
(U) EDUCATION AND TRAINING

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(U) Project Description

(U//FOUO) Education and Training Project resources provide for the professional and technical development and training of NGA employees and other members of the NSG. These resources are executed primarily for the leadership, management, and operation of the National Geospatial-Intelligence College (NGC). Project resources also support the Director, NGC in executing functional management authority for training activities related to GEOINT and the NSG.

(U) Base resources in this project are used to:

- (U//FOUO) Provide GEOINT education and training for NGA, IC, and military personnel through the NGC, including Army occupational specialty training as mandated by DoD. A major function of this project is the use of mobile training teams (MTTs) and extended learning sites (ELSs) to facilitate non-resident training of NGA and non-NGA units worldwide, including combat units preparing to deploy or already deployed.
- (U//FOUO) Conduct professional development training, including leadership training aspects of Joint Duty Assignments (JDAs), to develop a cadre of NGA leaders prepared for increasing levels of responsibility within the IC, DoD, and NGA.
- (U//FOUO) Support information systems and software required for GEOINT virtual classrooms, imagery servers, high-capacity internal classroom networks, and high-performance training workstations.

(U) There are no new activities in this project for FY 2013.

(U) OCO resources in this project are used to:

- (S//NF) (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4 (c) [Redacted]
- (S//NF) (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4 (c) [Redacted]
- (S//NF) (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4 (c) [Redacted]

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]
- (U//FOUO) Provide training in residence and via MTTs to prepare GEOINT professionals to maintain and enhance their professional skills.
- (U//FOUO) Continue to develop web-based training (WBT) and other distance learning solutions in response to partner requirements and assess existing courses for possible conversion to WBT.
- (U//FOUO) Invest in learning solutions and strategies to deepen and enhance GEOINT analysis in response to evolving and complex NGA missions, career development plans, hiring activities, turnover rates, and other operational and human capital requirements. (EMS_00054) Specifically NGC will:
 - (U//FOUO) Design, develop, and deliver a full and progressive range of advanced analysis courses and performance support solutions to sustain the career-long development of GEOINT analysts within NGA and across the NSG.
 - (U//FOUO) Formalize and invest in partnerships with academia and select vendors to develop and/or deliver advanced analysis theory and applications to augment NGC-developed, GEOINT-specific training.
 - (U//FOUO) Launch a formal center within the NGC for academic and professional studies in GEOINT and its analytic tradecraft.

(U) Changes From FY 2012 to FY 2013:

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]
- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [REDACTED]

(U) ENTERPRISE MANAGEMENT
(U) HUMAN RESOURCES

This Exhibit is ~~SECRET//NOFORN~~

(U) Project Description

(U//FOUO) Human Resources Project resources provide for NGA Human Development (HD) programs, operations, and policies; human capital planning; recruiting and retaining a professional workforce; strategic workforce planning; NGA's Foreign Language and Culture Program; Defense Civilian Intelligence Personnel System (DCIPS); and the JDA program.

(U) Base resources in this project are used to:

- (U//FOUO) Provide essential human resource services, such as benefits counseling, personnel file administration, vision testing, personnel action request processing, family readiness and casualty affairs assistance, personnel accountability, promotions, retirements, employee retention initiatives, and associated management and preservation of key employee data (electronic time and attendance training) through the PeopleSoft system.
- (U//FOUO) Support the goals and initiatives of the DoD Strategic Human Capital Plan (HCP) and the IC Five Year Strategic HCP through the refinement and implementation of the NGA Strategic HCP.
- (U//FOUO) Provide leadership, organizational development, and change management activities that enhance agency transformation efforts and emphasize leadership development programs, such as mentoring, job shadowing, executive coaching, leadership coaching, internal rotation program, and change management assistance.
- (U//FOUO) Review and assess executive performance plans and provide executive training to address issues identified in the assessment results.
- (U//FOUO) Provide comprehensive recruitment services to include developing NGA strategies that support the (b)(3) 50 USC Sec. 3162
[REDACTED]
- (U//FOUO) Market JDAs to develop better informed, more integrated intelligence professionals who collaborate across agency boundaries.
- (U//FOUO) Maximize use of congressionally sponsored programs, such as the Stokes Educational Scholarship Program, to attract personnel with critical skills.
- (U//FOUO) Manage the NGA drug testing program in accordance with the mandatory guidelines for the Federal Drug-Free Workplace and Executive Order (EO) 12564.

- (U//FOUO) Coordinate reintegration assignments for employees returning from external assignments and long-term training.
- (U//FOUO) Provide NGA worklife programs, including the employee assistance program, wellness and fitness programs, childcare and eldercare referral, telework and flexible work initiatives, leave bank and leave transfer programs, and worker's compensation.
- (U//FOUO) Provide GEOINT workforce planning support to the NSG, Director of NGA, DNI, SecDef, and other IC mission partner leaders. This support includes identification of workforce shortfalls and gaps, options to resolve problems and issues, and future workforce plans.
- (U//FOUO) Provide meaningful work experiences to university students under the Stokes Scholarship Program to develop a diverse, mission-ready workforce of the future.
- (U//FOUO) Administer NGA's Foreign Language and Culture Program to include developing and implementing related DoD, ODNI, and NGA policies; testing and validating language skills; developing and maintaining required language proficiency and cultural/regional knowledge; awarding and tracking foreign language incentives; and recruiting qualified language-capable and culturally knowledgeable employees.
- (U//FOUO) Maximize use of high visibility foreign language programs to develop a workforce with enhanced language capabilities and cultural awareness. These programs include long-term training, the Civilian Foreign Area Specialist Program, (S//SI//NF) (U//FOUO) [REDACTED]
- (U//FOUO) Maintain DCIPS, which provides a competitive, performance-based compensation structure to help NGA hire, develop, and retain a highly qualified workforce.
- (U//FOUO) Manage the JDA program within NGA and provide appropriate training in accordance with IC Directive 601. Personnel must be JDA-certified to compete for promotion to senior civilian positions within the IC.

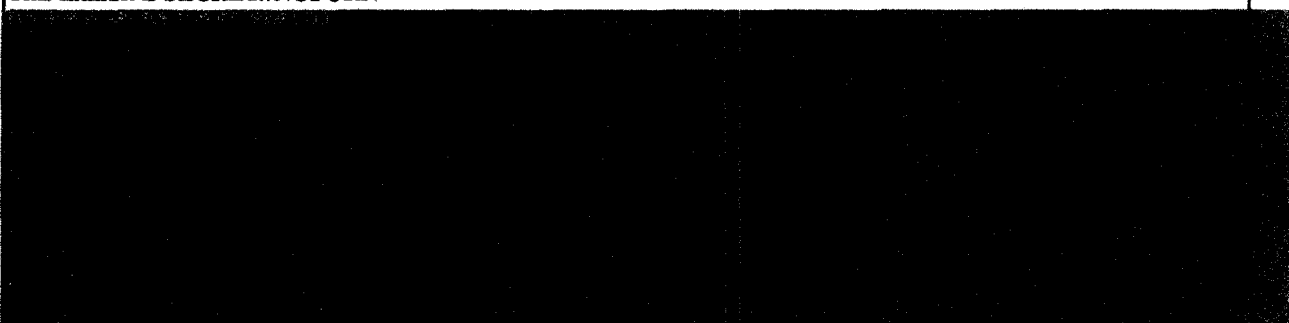
(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Sustain recruitment efforts to offset attrition due to (S//SI//NF) (U//FOUO) [REDACTED]; and execute an integrated recruitment strategy to obtain qualified applicants, achieve hiring targets, and maintain an acceptable retention rate. (EMS_00067).
- (U//FOUO) Increase efforts to ensure a mission-ready workforce by providing integrated personnel services.
- (U//FOUO) Continue to develop tools, methodology, and processes to implement a certification program for GEOINT analyst functional areas and instantiate workforce planning for the NSG.
- (U//FOUO) Continue to enhance and implement NGA's calendar year 2012-2016 Human Capital Strategic Plan.
- (U//FOUO) Enhance and formalize NGA's cultural/regional training program that supports DoD and ODNI needs and the acquisition of (S//SI//NF) (U//FOUO) [REDACTED] skills. (EMS_00066).
- (U//FOUO) Provide advice and guidance to partner with NGA leaders in developing and implementing solutions and strategies to address a wide range of human capital issues.
- (U//FOUO) Design, revise, and execute NGA's human capital policies and programs to ensure compliance with federal statutes, policies and guidelines.
- (U//FOUO) Ensure (S//SI//NF) (U//FOUO) [REDACTED] percent or more of NGA civilian employees have JDA credit. (EMS_00059)

(U) ENTERPRISE MANAGEMENT
(U) COOP

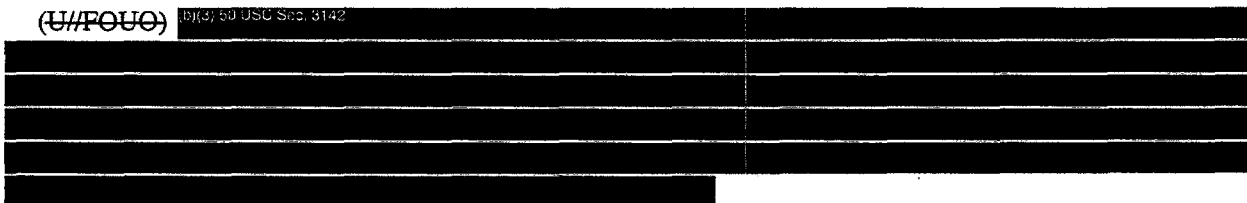
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(U) Project Description

(U//FOUO) COOP Project resources provide for the execution, management, coordination, and oversight of NGA's mission assurance and continuity planning process as well as implementation of National Security Presidential Directive (NSPD) 51/Homeland Security Presidential Directive (HSPD) 20, and the National Continuity Policy. These plans ensure NGA's continued operations in support of critical missions in the event of a natural or man-made disaster.

(U//FOUO) (b)(3), 50 USC Sec. 3142



(U) Base resources in this project are used to:

- (TS//NF) (b)(1) (c)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)
- (U//FOUO) Develop, plan, and support actionable COOP and continuity processes in crisis situations.
- (U//FOUO) Conduct COOP and continuity process exercises in synchronization with, and complementary to, national and NSG member and partner exercise programs to ensure agency readiness in time of crisis.
- (TS//TK//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)
- (U//FOUO) Maintain NGA's emergency website and business continuity planning (BCP) response plans for continuity and emergency response efforts.
- (U//FOUO) Plan and execute critical infrastructure protection efforts to identify assets critical to NGA, DoD, and IC missions; develop policies and procedures addressing the protection, resilience, and survivability of such resources; and document identified protection mechanisms.
- (U//FOUO) Implement the NSPD 51/HSPD 20, National Continuity Policy, and Federal Continuity Directives (FCD) 1 and 2.

- (U//FOUO) Deliver the annual Task Critical Asset List and feedback on the annual Intelligence Sector Assurance.
- (U//FOUO) Advise the ODNI and OUSD(I) on GEOINT continuity issues, assessments, and proposed solutions.
- (U//FOUO) Develop and manage NGA's continuity program efforts and performance metrics, and direct COOP corrective action program activities.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Continue to develop, revise, and exercise NGA plans associated with COOP BCP.
- (U//FOUO) Develop policies and procedures addressing the protection and survivability of critical resources.
- (U//FOUO) Plan, coordinate, and execute COOP and BCP exercises; and monitor mitigation and remediation efforts in support of mission assurance.
- (TS//TK//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)
- (U//FOUO) Continue to coordinate the NGA (b)(1) (b)(3) 50 USC Sec. 3142
- (U//FOUO) Perform risk management and impact of loss assessments; support development of risk mitigation plans; and monitor plan execution, and measure the plans' effectiveness.
- (U//FOUO) Identify internal and external assets and interdependencies critical to the NGA, NSG, DoD, and IC missions; develop policies and procedures addressing the protection, resilience, and survivability of resources; and monitor and document the compliance of identified protection mechanisms.
- (U//FOUO) Sustain 90 percent of mission-essential functions by training conducted on defined processes and procedures that must be executed when an interruption occurs, as required by NSPD 51/HSPD 20; FCD. 1 and 2; DoD Directive 3020.26; and DoD Instruction 3020.42. (EMS_00034)

(U) Changes From FY 2012 to FY 2013:

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

(U) ENTERPRISE MANAGEMENT
(U) ACQUISITION MANAGEMENT

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(U) Project Description

(U//FOUO) Acquisition Management Project resources provide day-to-day management and leadership of NGA's acquisition workforce in accordance with applicable laws; ODNI directives; DoD acquisition policies, directives, and regulations; and industry best practices.

(U) Base resources in this project are used to:

- (U//FOUO) Execute the duties and responsibilities of the Component Acquisition Executive (CAE) and the Senior Procurement Executive.
- (U//FOUO) Oversee NGA acquisition management practices and ensure implementation of acquisition policies and standards.
- (U//FOUO) Ensure NGA compliance with applicable acquisition policy and OMB, ODNI, and DoD decision criteria for major acquisitions.
- (U//FOUO) Provide contract management and oversight through all phases of the acquisition life cycle—from acquisition planning and solicitation to disposal and contract closeout—for the NSG and NGA. These efforts include support for grants to academic partners and cooperative agreements with industry.
- (U//FOUO) Assist the NSG Program Manager (PM) and NGA CAE in assessing acquisition program status throughout the acquisition life cycle.
- (U//FOUO) Provide an integrated contract performance management capability that includes integrated cost, schedule, and performance management across the NSG.
- (U//FOUO) Provide procurement management tools and analyses to monitor acquisition planning, programming, budgeting, and execution.
- (U//FOUO) Ensure continued professional development of the NGA acquisition workforce by supporting acquisition training programs such as the System Engineering Program; Defense Acquisition Workforce Improvement Act (DAWIA) certification; the Matrix Program (a multi-discipline training program that augments DAWIA); and the Continuous Experience, Skill, and Study Program for contracting officers.
- (U//FOUO) Support the functions of the Secretariat for the NGA Acquisition Review Board, the NGA Acquisition Strategy Panel, the NGA Procurement Review Board, the Acquisition Career Program Board, and the NGA Configuration Control Board.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U) Ensure that all major system acquisitions have an approved program management plan that complies with Intelligence Reform and Terrorism Prevention Act of 2004 (IRTPA) and ODNI acquisition policy. (EMS_00062)
- (U) Continue enhancements to NGA Contracting Officer's Representative (COR) and PM training and certification programs.
- (U) Provide directorate-level support for planning, programming, and budgeting; cost analysis; and earned value and integrated contract performance management tasks to facilitate efficient program execution.

(U) Changes From FY 2012 to FY 2013:

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) [Redacted]

**(U) ENTERPRISE MANAGEMENT
(U) HEADQUARTERS MANAGEMENT**

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(U) Project Description

(U) Headquarters Management Project resources support NGA's executive leadership through various staff offices integral to the agency's command and control structure and operation. These offices ensure that the executive leadership and workforce receive the appropriate advice, counsel, and support in a workplace that promotes fairness, diversity, and equal opportunity. This project includes resources for the Office of the Director; Office of the Executive Secretariat (ONE); Office of the General Counsel (OGC); Office of the Inspector General (OIG); Office of Diversity Management and Equal Employment Opportunity (ODE); and the Office of Corporate Communications (OCC).

(U) Base resources in this project are used to:

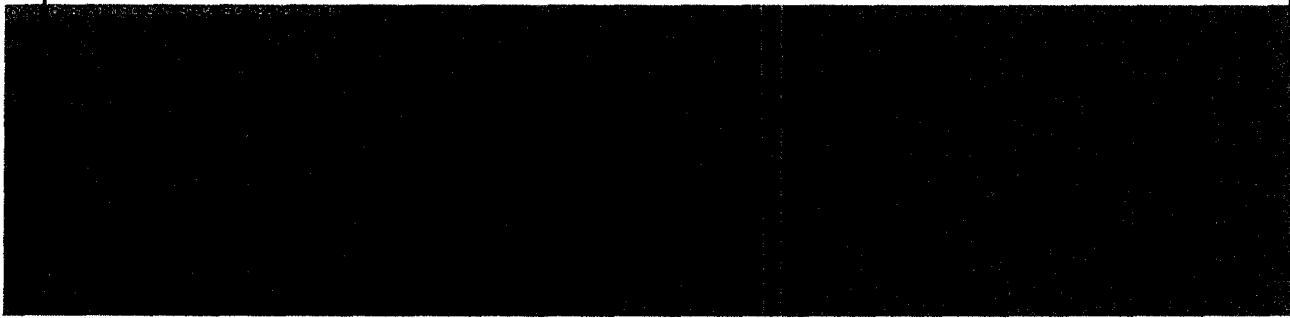
- (U) Develop and implement NGA policy, plans, and programs; provide leadership for unified operations; provide oversight to all NGA office activities; and manage NGA executive personnel and resources.
- (U) Coordinate official visits and ceremonies.
- (U) Provide administrative editorial support and document management for NGA.
- (U) Provide legal advice and counsel.
- (U) Provide independent oversight and objective assessments of NGA's worldwide programs and operations and comply with the Inspector General Act of 1978 (as amended).
- (U) Implement equal employment opportunity (EEO) policies and regulations.
- (U) Provide professional public affairs support and integrated communication programs to convey NGA's message to a broad range of internal and external audiences, including Congress.

(U) In addition, there is one new activity in this project for FY 2013:

- (U) Financial Statement Audits. NGA has committed to achieving an unqualified audit opinion by FY 2016. To achieve that goal, in FY 2013, NGA will assemble a team of financial auditors to prepare for the independent audit of FY 2014 financial statements.

(U) FACILITIES & LOGISTICS
(U) FACILITIES

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(U) Project Description

(U//FOUO) Facilities Project resources provide for the physical infrastructure that enables NGA to produce GEOINT in support of national security objectives. Project resources enable major construction, planning and design, leasing, utilities, maintenance, and site operations.

(U) Base resources in this project are used to:

- (U) Conduct strategic facility planning, environmental management, total asset management, and program management for NGA facilities.
- (U//FOUO) Operate three major government-owned sites: NGA Campus East (NCE) in Springfield, VA; Second Street site in St. Louis, MO; and Arnold site in Arnold, MO.
- (U) Provide utilities, including electricity, gas, oil, water, and sewage services at NGA facilities.
- (U) Provide site operations and conduct facility sustainment, restoration, and modernization (FSRM) at NGA facilities.

(U) There are no new activities in this project for FY 2013.

(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Repair office areas as appropriate; and continue to repair or replace heating, ventilation, and air conditioning systems in the west.
- (U//FOUO) Maintain a Facilities Condition Index (FCI) of less than or equal to ^{(b) (3)} percent. (EMS_00022)
- (U//FOUO) Conduct advance planning for the west facilities modernization program.

(U) Changes From FY 2012 to FY 2013:

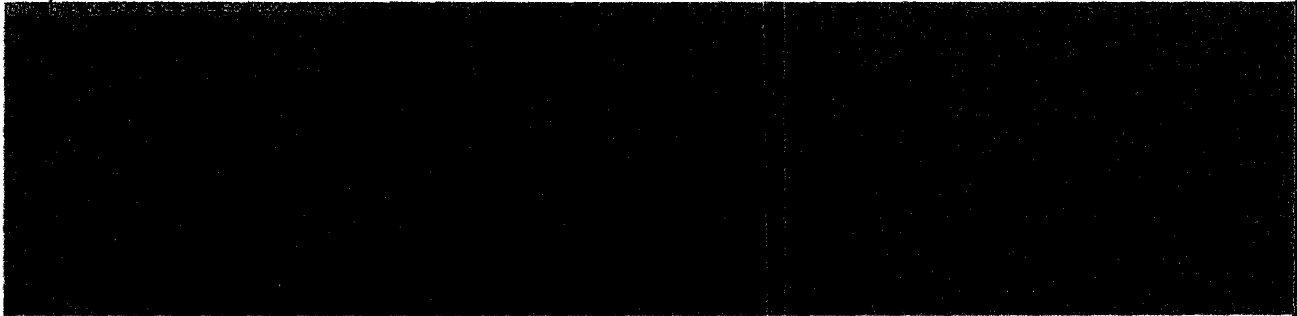
(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(c) [Redacted]

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(c) [Redacted]

• (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(c) [Redacted]

(U) FACILITIES & LOGISTICS
(U) LOGISTICS

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(U) Project Description

(U) Logistics Project resources provide for the administration of NGA policies and processes for property accountability, transportation, shipping, and receiving. Project resources also enable courier and freight services, collection and disposal of solid and hazardous waste, and operation of the recycling program at NGA-operated facilities.

(U) Base resources in this project are used to:

- (U//FOUO) Provide necessary logistics services to NGA's workforce.

(U) There are no new activities in this project for FY 2013.

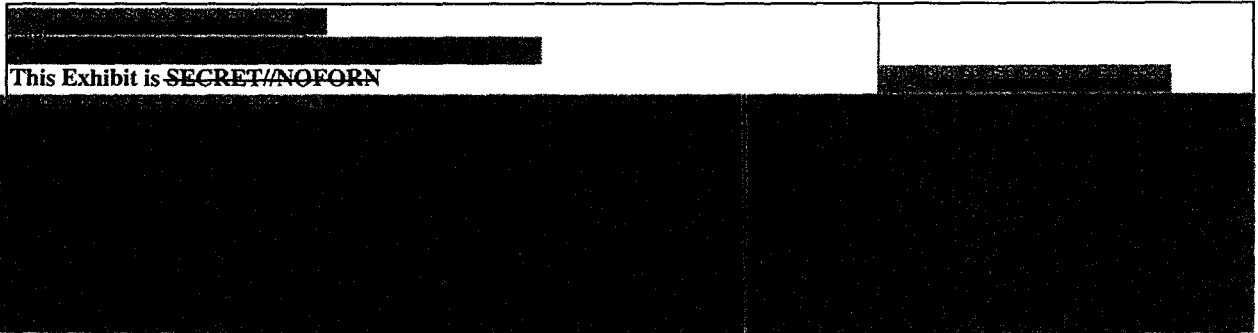
(U) NGP expects the project to accomplish the following in FY 2013:

- (U//FOUO) Improve accountability in property, plant, and equipment through an enhanced inventory process. (EMS_00069)
- (U//FOUO) Increase percentage of capitalized assets with supported records. (EMS_00070)

(U) Changes From FY 2012 to FY 2013:

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(f)

- (S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(f)



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(U) OVERHEAD PERSISTENT INFRARED (OPIR) GROUND ARCHITECTURE TASKING, COLLECTION, PROCESSING, EXPLOITATION, AND DISSEMINATION (TCPED)

(U) Acquisition Summary

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

[REDACTED]

(U) The primary OPIR program objectives are to:

- (U//FOUO) Maintain continuity of current OPIR operations.
- (U//FOUO) Replace aging equipment and correct existing deficiencies to preserve core capabilities.
- (S//TK//REL TO USA, FVEY) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)
[REDACTED]
- (S//TK//REL TO USA, FVEY) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)
[REDACTED]
- (U//FOUO) Integrate OPIR products and services into a National System for Geospatial-Intelligence (NSG) enterprise to yield a more distributed and diverse OPIR production capability.

(S//TK//REL TO USA, FVEY) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

[REDACTED]

(S//TK//REL TO USA, FVEY) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

[REDACTED]

(U//FOUO) In 2008, the OPIR user community (b)(3) 50 USC Sec. 3142

[REDACTED]

(U//FOUO) SoS architecture capabilities are being addressed through a series of development effectivities, as follows:

- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]
- (U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]

(U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]

(U//FOUO) (b)(3) 50 USC Sec. 3142 [Redacted]

(U//FOUO) NGP-funded prototype development of situational awareness, requirements management, and mission/performance assessment capabilities will support risk reduction efforts for future OPIR enterprise architecture acquisition and NSG integration.

(S//REL TO USA, FVEY) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4 (b) [Redacted]

(S//REL TO USA, FVEY) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4 (b) [Redacted]

(U//FOUO) OPIR capabilities are a viable, timely, and important contributor in achieving the goals of the National Security Strategy. These proven OPIR capabilities—combined with those offered by (b)(3) 50 USC Sec. 3142 [Redacted] will provide a key strategic advantage in confronting emerging threats and enduring intelligence challenges.

(U) Major Performers

Performer Name/Location	Function
Lockheed Martin/Denver, CO	Provides legacy system engineering, and maintenance and development support.
Northrop Grumman/Denver, CO	Provides legacy system engineering, and maintenance and development support.
Raytheon/Aurora, CO	Provides legacy system engineering, and maintenance and development support.
General Dynamics/Dayton, OH	Provides software development.
Ball Aerospace/Dayton, OH	Provides software development.
<i>This exhibit is UNCLASSIFIED</i>	

(U) SAINT LOUIS INFORMATION LIBRARY (STIL)

(U) Acquisition Summary

(U//FOUO) The Saint Louis Information Library (STIL) acquisition program implements a major element of the overarching NSG data center migration effort. The program's primary objective is to transform the existing dissimilar and geographically dispersed GEOINT library and data storage elements into a homogenous, net-centric, and data-centric operations platform, and to provide the foundation for NGA's GEOINT Knowledge Base (GKB). The GKB will provide an interconnected group of data holdings and services for GEOINT knowledge management and data mining. The libraries and data storage elements identified and prioritized by this acquisition program align with NGA leadership goals and priorities.

(U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

(U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

(U//FOUO) The STIL development plan consists of incremental phases that overlap and build upon the previous phases to transform the existing National Geospatial-Intelligence Libraries' (NGL) software baseline into a service-oriented architecture (SOA)-based centralized library. The NGL architecture consists of (b)(3) 50 USC Sec. 3142

[Redacted]

- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

- (U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]

(U//FOUO) Implicit in delivering this operational centralized library (b)(3) 50 USC Sec. 3142 [REDACTED] — including a substantial upgrade in capability during each development phase—are the requirements for the underlying security certification and accreditation activities, the addition of (b)(3) 50 USC Sec. 3142 [REDACTED] and the evolving services-related enterprise engineering efforts.

(U//FOUO) (b)(3) 50 USC Sec. 3142 [REDACTED]

(U//FOUO) The ODNI (b)(3) 50 USC Sec. 3142 [REDACTED]

(U) Major Performers

Performer Name/Location	Function
BAE Systems National Security Solutions/Rancho Bernardo, CA	Prime development contractor.
Harris Corporation/Melbourne, FL	Sub – Application service provider, system engineering and analysis.
Lockheed Martin Corporation/Valley Forge, PA	Sub – Operation and sustainment, system integration, test and validation.
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**(U) NATIONAL SYSTEM FOR GEOSPATIAL-INTELLIGENCE (NSG)
BLOCK II RESOURCE TASKING MARKETPLACE (RTM) INCREMENT 2**

(U) Acquisition Summary

(U//FOUO) The NSG Block II initiative modernizes a collection of largely independent systems and databases into a web-based, data-centric, service-oriented GEOINT enterprise. The end-state objective of this effort is the migration of existing functionalities from disparate legacy/heritage systems into a (b)(3) 50 USC Sec. 3142 enabling the efficient delivery of imagery-derived products to IC and operational mission partners.

(U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

(U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

(U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

- (U//FOUO) (b)(3) 50 USC Sec. 3142
[Redacted]

(U//FOUO) The development contract for RTM 2.1 was awarded in March 2011 and RTM 2.2 was awarded in June 2011.

(U) The NSG Block II program (consisting of RTM 2 and RTM 3) will reach completion with the satisfaction of the entire Block II CDD as executed through the RTM 2 and RTM 3 projects.

(U) Major Performers

Performer Name/Location	Function
BAE Systems National Security Solutions/San Diego, CA	Sub – Storage
Booz Allen Hamilton, Inc./McLean, VA	Sub – System Engineering Support
Dell Inc./Round Rock, TX	Sub – Hardware
Harris Corp./Melbourne, FL	Sub – Software
Lockheed Martin Information Systems and Global Services/ Fairfax, VA	NSG Block II Prime
NJVC, LLC/Vienna, VA	IT/IS Prime
Northrop Grumman Information Technology TASC, Inc./ Chantilly, VA	Sub – System Engineering Support
Oracle Corporation/Reston, VA	Sub – Database/e-Business Support
Red Hat, Inc./Raleigh, NC	Sub – Software Support
Science Applications International Corporation (SAIC)/ Chantilly, VA	Sub – System Engineering Support
Sun Microsystems Federal, Inc./McLean, VA	Sub – Hardware and Software
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(U) NSG BLOCK II RTM INCREMENT 3

(U) Acquisition Summary

(U//FOUO) [REDACTED] (b)(3) 50 USC Sec. 3142 [REDACTED]
[REDACTED] The end-state objective of this effort is to migrate existing functionality from disparate legacy/heritage systems into a [REDACTED] (b)(3) 50 USC Sec. 3142 [REDACTED] enabling the efficient delivery of imagery-derived products to IC and operational mission partners.

(U//FOUO) [REDACTED] (b)(3) 50 USC Sec. 3142 [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(U//FOUO) [REDACTED] (b)(3) 50 USC Sec. 3142 [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

(U//FOUO) [REDACTED] (b)(3) 50 USC Sec. 3142 [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

- (U) RTM 3.0 provides for the management of the overall enterprise-level GEOINT need throughout the tasking, collection, processing, exploitation, and dissemination (TCPED) process. It links the GEOINT need with existing production requirement systems. RTM 3.0 provides foundational capabilities upon which subsequent releases will be built. The objective IOC for RTM 3.0 is the first quarter FY 2015 with a threshold date of first quarter FY 2016.
 - (U) RTM 3.1 provides enterprise management for foundation-based operations (FBO) data and products, including the ability to manage FBO end-to-end exploitation and production. The objective IOC for RTM 3.1 is the second quarter FY 2015 with a threshold date of second quarter FY 2016; and will result in the retirement of PMAA.
 - (U) RTM 3.2 provides enterprise intelligence reporting workflow capabilities, including the ability to apply desktop publishing, social software, and multi-media technologies to prepare intelligence reports. The objective IOC for RTM 3.2 is the first quarter FY 2017 with a threshold date of first quarter FY 2018; and will result in the retirement of NES.
 - (U) RTM 3.3 provides extensible web-based GEOINT access including reliable, maintainable, and available service to RTM capabilities and data holdings through multiple modes of operation (autonomous or disconnected), networks (unclassified, secret, SCI), and mobile workstation platforms in the NSG expeditionary architecture. The objective IOC for RTM 3.3 is the second quarter FY 2017 with a threshold date of second quarter FY 2018; and will result in the retirement of IESS.

(U) The RTM 3 development work to fulfill the Block II CDD will be executed as task orders on competitively awarded contracts pursuant to the overall RTM transformation effort. The NSG Block II program (consisting of RTM 2 and RTM 3) will reach completion with the satisfaction of the entire Block II CDD as executed through the RTM 2 and RTM 3 projects.

(U) Major Performers

Performer Name/Location	Function
TBD	RTM 3 developer
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(U) COMMERCIAL SECURE OPERATIONS (CSOP)

(U) Acquisition Summary

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)

[Redacted]

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)

[Redacted]

(U//FOUO) (b)(3) 50 USC Sec. 3142

[Redacted]

(U) CSOP was designated a MSA in August 2009. Progress reviews were completed in September and November 2009 and the acquisition strategy was approved in December 2009. Milestone B was completed in January 2010 and the request for proposal was released at the same time. The EnhancedView contract was awarded in August 2010. Capability improvements on the CDP side are through separate contract line item numbers on existing CDP contracts. On the NSG side, requests for changes are used to modify and upgrade the current NSG segments. A major milestone was the approval of requested changes to NSG segments to enable secure operations with the CDPs at the August 2011 NGA Configuration Control Board.

(U) The ODNI CAIG completed an ICE of the CSOP effort in April 2010. To be consistent with the scope of the ICE, the budget shown in the life cycle cost table includes funds for the CDPs and NSG commercial secure operations. The NSG portion of the estimate leverages RTM 2.1 and STIL Phase 3 baselines and includes funds for system engineering/integration support. The CSOP is funded consistent with the ICE in FY 2013 – FY 2017.

(U) Major Performers

Performer Name/Location	Function
MITRE Corp./McLean, VA	Program/Acquisition Support
Aerospace Corp./Chantilly, VA	Program/Acquisition Support
DigitalGlobe/Longmont, CO	CDP Developer
GeoEye/Dulles, VA	CDP Developer
BAE Systems/Arlington, VA	NSG Architecture Support
Raytheon/Reston, VA	NSG Architecture Support

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(U) GLOSSARY

- (U) ABI— Activity-based intelligence
- (U) ADF-C— Aerospace Data Facility – Colorado
- (U) ADF-SW— Aerospace Data Facility – Southwest
- (U//FOUO) (S//NF) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a) — A COTS-based software capability that receives and parses multiple text-based data inputs in order to alert and notify users that information they requested has been received.
- (U) AES— AGI Exploitation Services
- (U) AF/PAK— Afghanistan-Pakistan
- (U) AGI— Advanced geospatial intelligence. The technical, geographic, and intelligence information derived through interpretation or analysis using advanced processing of energy in the electro-magnetic spectrum collected by imagery or imagery-related collection assets. Formerly known as imagery-derived MASINT.
- (U) AGCHO— Afghanistan Geodesy and Cartography Head Office
- (U) AGIA— Advanced Geospatial Intelligence Analysis. A NGP AGI budget project.
- (U) AGP— Advanced GEOINT processor
- (U) AID— Agency for International Development
- (U) AITS— Applied IT Solutions program
- (U) AMETL— Agency Mission Essential Task List
- (U) AMRDS— AGI MASINT Reporting and Dissemination Service
- (S//NF) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a)
- (U) AOR— Area of responsibility
- (U) ARG— Advanced Radar GEOINT
- (U) ASG— Allied System for Geospatial-Intelligence
- (U) ASP— Application Service Provider
- (U) AT/FP— Antiterrorism/force protection
- (U) AT&L— Acquisition, Technology, & Logistics
- (U) BCP— Business continuity planning
- (U) C&A— Certification and accreditation
- (U) CAE— Component Acquisition Executive
- (U) CAF— Central Audit Facility
- (U) CAP— Controlled Access Program
- (U) CAP— Corrective Action Plan
- (U) CAP— Controlled Action Plan
- (U) CASi— Consolidated Analytic Spatial initiative
- (U) CASi-F— Consolidated Analytic Spatial initiative-Forward. Forward-deployed version of CASi.
- (U) CB-F— COBRA BRASS-F

(U) CBRN—Chemical, biological, radiological, nuclear

(U) CDP—Commercial data provider

(S//NF) (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)

(U) CIB—Controlled image base

(U) CIG—Consolidated intelligence guidance

(U) CIL—Command Information Library

(U) CINF—Community Information Needs Forecast. A planning document that includes operational scenario scripts and supporting documentation to enable NGA's future forecasts and analysis office to better define the future NSG operating environment.

(U) CJCS—Chairman of the Joint Chiefs of Staff

(S//NF) (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)

(S//NF) (b)(1), (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(a)

(U) COR—Contracting Officer's Representative

(U) CPIC—Capital planning and investment control. A structured and integrated approach to managing IT investments.

(U) CRS—Commercial remote sensing

(U) CSTIL—Compartmented St. Louis Information Library

(U) CSOP—Commercial secure operations

(U) CTACC—Counter-Terrorist Airborne Analysis Center

(U) D&R—Disclosure and release

(U) DAU—Defense Acquisition University

(U) DAWIA—Defense Acquisition Workforce Improvement Act

(U) DCIPS—Defense Civilian Intelligence Personnel System

(U) DEAP—Deployed and externally assigned personnel

(U) DEM—Digital elevation model

(U) DFAS—Defense Finance and Accounting Service

(U) DF-IPL—Direct Feed Image Product Library

(U) DMIGS—Domestic Mobile Integrated GEOINT System. A GEOINT hardware, software, and communications suite mounted on an emergency vehicle chassis that merges imagery and intelligence data for specialized operational support at CONUS sites.

(U) DOS—Department of State

(U) DPPDB—Digital Point Positioning Database

(U) EC—Expenditure Center. An organizational level in the Capabilities Programming and Budgeting System (CPBS) hierarchy. During NIP budget builds, funding profiles are developed for each project within each EC.

(U) EDM—Electronic Data Management

(U) EE—Enterprise engineering

(S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(e)

(⊕) EEO—Equal employment opportunity

(⊕) EFP—Explosively formed projectile

(⊕) ELS—Extended learning sites

(⊕) ENII—Enterprise Network Infrastructure Initiative - ENII will entail the realignment of BRAC site (Bethesda, WNY, and Reston) circuits to the NCE, consolidate 32 directory domains to three domains within the three NGA networks, engineer and deploy the IP Address Management tool for IPv4 and migration to IPv6 address space, recap identified TS VoIP phones and install the NCE VoIP Gateway call services for mission partner connectivity.

(⊕) EO—Electro-optical

(⊕) EPOD—Electronic product on-demand

(⊕) EPODS—Electronic product on-demand services

(⊕) ERM—Earth reference model. A digital model of the Earth that includes all geospatial, precision point, and imagery-derived intelligence data in a common structure.

(⊕) ESC—Enterprise Service Center. Provides customer and technology services support for NGA IT users.

(⊕) EVM—Earned value management

(⊕) FCD—Federal Continuity Directive

(⊕) FCI—Facilities Condition Index

(⊕) Feature data—A portrayal of man-made and natural features commonly associated with map-like products. It includes, but is not limited to hydrography, vegetation and man-made structures, such as communications lines, buildings, and dams.

(⊕) FEMA—Federal Emergency Management Agency

(⊕) FISMA—Federal Information Security Management Act. Federal law requiring an annual report on the effectiveness of information controls over systems and networks supporting NGA operations and assets.

(⊕) FM—Financial Management Directorate

(⊕) FMV—Full motion video

(⊕) FOC—Full operational capability

(⊕) Foundation data—A portrayal of basic information about the earth—including orthoimagery, point positioning data, topographic and nautical features, elevation data and bathymetry, geodetic information, safety of navigation data, and baseline demographic information—for which NGA assures availability and currency globally, or near-globally, independent of specific mission needs.

(⊕) FSR—Field service representative

(⊕) FSRM—Facilities sustainment, restoration, and modernization

(⊕) GCDP-A—Geospatial Capacity Development—Afghanistan

(⊕) GDTS—GEOINT Data Transformation Service

(⊕) GETS—GEOINT Enterprise TPED Service

(⊕//FOUO) GEOCOM—National GEOINT Committee. An IC committee chaired by NGA that promotes cross-discipline collaboration on GEOINT issues, and provides an IC forum to ensure that GEOINT plans, programs, and operations are responsive to mission partner needs and are aligned with DNI objectives.

(U) GEOINT—Geospatial intelligence. An intelligence discipline defined as the exploitation and analysis of imagery and geospatial information to describe, assess, and visually depict physical features and geographically-referenced activities on Earth. GEOINT includes imagery, imagery intelligence, geospatial information, imagery-derived MASINT (AGI), and imagery-derived products.

(U) GEO-F—GEOINT Financials

(U) GEONAMES—Geographic names

(U) GIDI—Geospatial Intelligence Database Integration

(U) GIFD—Geospatial Intelligence Feature Database

(U) GIS—Geographic Information System. A system that integrates, analyzes, edits, displays and stores geographically-referenced information. A “smart map” tool is a GIS application that allows users to create interactive queries, analyze the spatial information, and edit data.

(U) GKB—GEOINT Knowledge Base

(U) GMTI—Ground moving target indicator

(U) GNS—Global Navigation Services

(U) GNS-A—Global Navigational Services-Aeronautical

(U) GNS-M—Global Navigational Services-Maritime

(U) GOTS—Government-off-the-shelf

(U) GPS—Global positioning system

(S//NF) (b)(7) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4.9

(U) GSA—General Services Administration

(U) GST—Geospatial-Intelligence Support Team

(U) GVS—GEOINT Visualization Services

(U) HBSS—Host-based Security Systems

(U) HCP—Human Capital Plan

(U) HCSP—Human Capital Strategic Plan

(U) HG—Human Geography

(U) HD—Human Development Directorate (NGA)

(U) HEO—Highly elliptical orbit

(U) HLD—Homeland defense

(U) HLS—Homeland security

(U) HME—Homemade explosive

(U) HSI—Hyperspectral information/imagery. Spectral information contained in (nominally) hundreds of separate bands within the spectral band pass of a sensor. Hyperspectral data tends to have a higher spectral resolution than multispectral information, which refers to spectral information contained in (at most) tens of separate bands. Hyperspectral and multispectral information allow analysts to identify materials based on the spectral signature/content of the energy they radiate.

(U) HSPD—Homeland Security Presidential Directive

- (U) HVI—High-value individual
- (U) I2P—Information Integration Program
- (U) I&W—Indications and warning
- (U) IA—Information assurance
- (U) IAEA—International Atomic Energy Agency
- (U) ICD—Intelligence Community Directive
- (U) ICM—Integrated Collection Management

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(a)

- (U) ICRC—International Committee of the Red Cross
- (U) IdAM—Identity and Access Management
- (U) IDS-D—Information Dissemination Services—Direct Delivery. Portion of the NSG architecture that serves as the time dominant dissemination capability.
- (U) IEC—Integrated Exploitation Capability. Suite of hardware and software that integrates exploitation and production system functionality into the NSG.
- (U) IED—Improvised explosive device
- (U) IESS—Imagery Exploitation Support System. A modular, client-server based system that supports exploitation requirements, hardcopy and softcopy imagery exploitation, historical coverage of imagery, and dissemination management for the COCOMs, Services, Agencies, and ground, air, and naval units worldwide.

(U) IM—Information management

(U) IPERA—Improper Payment Elimination and Recovery Act of 2010

(U) IOC—Initial operational capacity

(U) IOC-D—Integrated Operations Center-Denver

(U) IOC-NGA: Integrated Operations Center-NGA. Provides critical situational-awareness of GEOINT activities and mission essential information across NGA and NSG partners. The operational concepts include incorporating GEOINT reporting into the overall status of NGA's posture, reporting critical events impacting NGA personnel, facilities, systems, constellation and security related issues and maintaining the NGA 24-hour watch both in Bethesda, MD, and Saint Louis, MO.

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(b)

- (U) IOC-SW—Integrated Operations Center – Southwest
- (U) IPERA—Improper Payments Elimination and Recovery Act of 2010
- (U) IPL—Image Product Library. An image and imagery product storage, query, and retrieval system that provides user access to networked National GEOINT Libraries.
- (U) IPMS—In-Place-Monitoring-System
- (U) IRTPA—Intelligence Reform and Terrorism Prevention Act of 2004
- (U) ISO—International Organization for Standardization
- (U) ISP—Infrastructure service provider
- (U) ISR—Intelligence, surveillance, and reconnaissance

(U//FOUO) iSToRE—The Information Store provides an advanced COTS-based capability for the archive, discovery, retrieval, and dissemination of GEOINT and GEOINT-derived products (imagery, imagery products, geospatial data, commercial formats, MS Office formats and non-standard data). The iSToRE is also capable of interfacing with the legacy NSG architecture and scalable for the future inclusion of new functionalities as they evolve.

(U) IT/IS—Information Technology/Information Services

(U) ITC—Interim Transition Capability. A facility to house NGA IT systems and data during NGA's transition to the NCE. The ITC will assure continuity of NGA mission operations during the transition.

(U) ITF—Integrated Test Facility

(U) ITS—Information transport service. Supports the transfer of multiple data classes to include near real-time messages, organizational messages, and bulk data. It serves as a replacement for legacy messaging systems that do not meet the needs of current-day intelligence operations.

(U) JCC—Joint Collaboration Cell

(U) JCTD—Joint capability technology demonstration

(U) JDA—Joint duty assignment

(U) JIEDDO—Joint Improvised Explosive Device Defeat Organization

(U) JOG—Joint OPIR ground

(U) JSCP—Joint Strategic Capabilities Plan

(U) JTF-GNO—Joint Task Force—Global Network Operations

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

(U) L/H—Legacy/heritage (in reference to IT systems)

(U) LAN—Local area network. A computer network that connects devices via a single, common media protocol; generally limited in size to the interconnected computers within a single office building or campus.

(U) LIDAR—Light detection and ranging. An imaging technique that provides three-dimensional data on a target by emitting a series of short laser pulses and detecting the backscattered light.

(U) M&S—Modeling and simulation

(U) MC&G—Mapping, charting, and geodesy

(U) MCIA—Marine Corps Intelligence Activity

(U) METOC—Meteorological and oceanographic

(U) MO—Mission objective

(U) MoD—Ministry of Defense

(U) MSA—Major system acquisition

(U) MSEA—Modeling and Simulation Executive Agent

(U) MRRS—Mobile Remote Replication Systems

(⊕) MSI—Multispectral information/imagery. MSI refers to spectral information contained in at most tens of separate bands. MSI allows analysts to identify materials based on the spectral signature/content of the energy they radiate. (See hyperspectral information/imagery (HSI).)

(⊕) MTT—Mobile training teams

(⊕) NASIC—National Air and Space Intelligence Center

(⊕) NASP—Naval Activities Support Program

(⊕) NAVO—Naval Oceanographic Office

(⊕) NCAT—NGA crisis action tasker

(⊕) NCE—NGA Campus East

(⊕) NCL—NSG Consolidated Library

(⊕) NCPC—National Counterproliferation Center

(⊕) NCTC—National Counterterrorism Center

(⊕) NDE—NGA Dissemination Element. A system that disseminates GEOINT products to allied partners.

(⊕) NDS—NGA Deployable System. A set of interoperable systems that can operate in a variety of environments. Used by forward-deployed NGA analysts.

(⊕) NEA—NSG Expeditionary Architecture

(⊕) NES—National Exploitation System. Provides support for hardcopy and softcopy imagery exploitation, exploitation requirements and dissemination management, historical coverage, plotting, mensuration, and dissemination of NGA GEOINT products. Contains historical imagery intelligence reports and interfaces to RMS.

(⊕) NGANet—A common SCI communications infrastructure that provides SCI electronic connectivity for most NGA employees.

(⊕) NGC—National Geospatial-Intelligence College

(⊕) NGDS—Net-centric GEOINT Discovery Services

(⊕) NGO—Non Governmental Organizations

(⊕) NIAT—NGA Interoperability Action Team. This team is the focal point for NGA to insert its technical requirements to insure that GEOINT sensor systems are net-ready and interoperable with exploitation systems across the TCPED architecture.

(⊕) NIL—National Information Library. An IC asset that supports dissemination of and access to national-level imagery, imagery-based products, geospatial information, and metadata at both the SC and SCI levels.

(⊕) NIPF—National Intelligence Priority Framework

(⊕) NIPRNet—Non-Secure Internet Protocol Router Network

(⊕) NMIP—Nuclear Materials Information Program. A program to organize, consolidate, and assess information concerning worldwide nuclear materials holdings and security status from all sources available to the US government.

(S//NF) [REDACTED]

(⊕) NSAC—NSG Studies and Analysis Center of Excellence

(⊕) NSG—National System for Geospatial-Intelligence. The integration of technology, policies, capabilities, and doctrine necessary to conduct GEOINT in a multi-intelligence environment.

(U) NSPD—National Security Presidential Directive

(U) NST—NGA Support Team(s). Groups of NGA personnel that are forward deployed around the world in response to national and departmental requirements, providing enhanced support to decisionmakers and warfighters. Some “permanent” NSTs are located at major agencies and commands, while other “temporary” NSTs are located with deployed units.

(U//FOUO) NTT—National to Theater. Army program that serves as the NSG's primary producer of [redacted] for the COCOMS.

(U) O&S—Operations and sustainment

(U) OCC—Office of Corporate Communications

(U) OCIO—Office of the Chief Information Officer

(U) OCO—Overseas Contingency Operations

(U) ODE—Office of Diversity Management and Equal Employment Opportunity

(U) OFDA—Office of Foreign Disaster Assistance

(U) OGC—Open Geospatial Consortium

(U) OGC—Office of the General Counsel

(U) OIG—Office of the Inspector General

(U) ONE—Office of the Executive Secretariat

(U) ONI—Office of Naval Intelligence

(S//TK) [redacted]
[redacted]
[redacted]
[redacted]
[redacted]

(U) Orthomosaics—The result of taking two or more images and "stitching" them together into a single image that is then corrected for distortions (orthorectified).

(U) Orthophotos—“Photomaps” that do not contain scale, tilt or relief distortions. They offer analysts a product that can be readily interpreted like any air photo, but distances, angles and areas can be measured directly without further processing. All monoscopic images must be orthorectified prior to use. Orthorectification works by using the position information of the sensor combined with a digital elevation model to remove terrain effects from the image.

(U//FOUO) [redacted]
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(U) OSP—Office of Special Programs

(U) PED—Processing, exploitation, and dissemination.

(U) Pfm—Portfolio management

(U) PI—Polarimetric imagery/imaging. Refers to sensors whose output varies as a function of the degree of polarization of the electromagnetic energy in its input. PI also refers to processing and exploitation capabilities that take advantage of the polarization information received from the sensor. Light radiated from manmade

material tends to be polarized differently from light from natural material. PI information allows the analysts to discriminate between materials in the image.

(U) PIX—Protected Internet eXchange

(U) PKI—Public key infrastructure. Combination of hardware, software, people, policies, and procedures needed to create, manage, distribute, and revoke IT security certificates.

(U) PL—Protection level

(U) PM—Program manager

(U) PMAA—Production Management Alternative Architecture. Provides a geospatial production information management capability based on a series of COTS tools.

(U) POR—Program of record

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526, 1.4(b)

(U) Qnet—Quinquartite network. Originally the Quadripartite Network built on the infrastructure established under the QFAP (Quadripartite Future Architecture Program) to support imagery dissemination from the US to three Commonwealth countries: Australia, Canada, and the United Kingdom. The accreditation for Qnet was extended in September, 2008, to include New Zealand.

(U) QRC—Quick reaction capability

(U) R&D—Research and development

(U) RDOG—Rapid Delivery of On-line GEOINT. Provides access to timely unclassified commercial imagery-derived GEOINT to all NGA mission partners in AF/PAK.

(U) RMS—Requirements Management System. The primary system used by intelligence organizations at the national, command, and unit levels to manage and task existing national and DoD imagery collection assets.

(U) RPV—Remotely piloted vehicles

(U) RRS—Remote Replication System

(U) RSEN (RS)—Risk Sensitive. This term is used to protect especially sensitive imaging capabilities and exploitation techniques.

(U) RTM—Resource tasking marketplace

(U) SAR—Synthetic aperture radar. An airborne/spaceborne radar imaging system that can image day and night and can penetrate clouds. SAR requires a moving platform, such as an aircraft or satellite, to "synthesize" an aperture for image formation. SAR is an "active" system, providing its own target illumination via pulses of microwave energy. Many pulses are processed using signal processing techniques to produce a single image.

(U) SBIRS—Space-based Infrared System

(U) SBUNet—Sensitive but Unclassified Network. NGA's common unclassified desktop computer network.

(U) SCID-A—Strategic Counterintelligence Detachment - Afghanistan

(U) SECNet—Secure Network. NGA's common secure desktop computer network.

(U) SI—System integration

(U) SIPRNet—Secret Internet Protocol Router Network

(U) SLA—Service level agreement

(U) SMC—Space and Missile Center

(U) SOA—Service-oriented architecture

(U) SoN—Safety of navigation

(U) SOS—System of systems

(U) SPOT—Satellite pour l'observation de la terre. A series of commercial earth observation satellites launched by the French space agency CNES (Centre National d'Etudes Spatiales).

(U) STIL—Saint Louis Information Library

(U) STOM—Source Tasking, Operations, and Management. A NGP budget project.

(U) STS—SAR, thermal, and spectral analysis

(U) SWP—Strategic workforce plan

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

(U) TCPED—Tasking, collection, processing, exploitation, and dissemination.

(U) TFDM—Topographic Features Data Management System. The authoritative source for topographic features (vector data) for the NSG and will modernize the current topographic production environment within NGA.

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

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(U) TIGS—Transportable Integrated GEOINT System

(U) TMC—Threat Mitigation Center

(S) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

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(U) TPC—Tactical Pilotage Chart. Supports high-speed, low-altitude, and visual navigation of high-performance tactical and reconnaissance aircraft from low to medium altitudes.

(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

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(S//NF) (b)(1) (b)(3) 50 USC Sec. 3142, E.O. 13526 1.4(e)

[Redacted]

(U) UAS—Unmanned aerial system

(U) UGO—Unified GEOINT Operations

(U) UIS—Unifying Intelligence Strategies

(U) USAF—US Air Force

(U) USFK—United States Forces Korea

(U) USMC—US Marine Corps

(U) USN—US Navy

(U) VoIP—Voice over internet protocol

(U) WAAS—Wide area airborne surveillance

(U) WAN—Wide area network. A communications network connecting geographically separated locations that use long-distance links of third party telecommunications vendors.

(U) WAPS—Wide-area persistent surveillance

(U) WARP—Web-based Access and Retrieval Portal

(U) WBT—Web-based training

(U) WMD-T—Weapons of Mass Destruction - Terrorism

(U) WNY—Washington Navy Yard