

Army Regulation 525–95

Operations

**Army
Geospatial-
Intelligence
and
Geospatial
Information
and Services**

**Headquarters
Department of the Army
Washington, DC
26 July 2022**

UNCLASSIFIED

SUMMARY

AR 525–95

Army Geospatial-Intelligence and Geospatial Information and Services

This new Department of the Army regulation, dated 26 July 2022—

- o Changes the publication’s series and title from AR 115–11 to AR 525–95 to address operational issues identified within U.S. Army Training and Doctrine Command Geospatial-Intelligence Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, Facilities and Policy assessment.
- o Updates and adds responsibilities for conducting Army Geospatial-Intelligence and Geospatial Information and Services operations and activities in a unified and synchronized manner (chap 1).
- o Revises policies for the governance framework and interoperability mandates (chap 2).
- o Revises the policies for requesting Geospatial-Intelligence and Geospatial Information and Services collection, analysis, production, data, support, and services (chap 3).
- o Revises the policies for ordering products from the Defense Logistics Agency (chap 3).
- o Revises the policies for identifying, validating, and prioritizing Geospatial Information and Services requirements for training, mission rehearsal, exercises, and systems in accordance with Chairman of the Joint Chiefs of Staff Instruction 3901.01F to National Geospatial-Intelligence Agency (chap 3).
- o Revises the policies for information assurance and safeguarding Geospatial-Intelligence and Geospatial Information and Services (chap 3).
- o Incorporates policies for National Geospatial-Intelligence Agency Targeting Coordinate Mensuration Certification and Program Accreditation pursuant to Chairman of the Joint Chiefs of Staff Instruction 3505.01D (chap 4).
- o Incorporates the policies for Army personnel to participate in the DoD Geospatial-Intelligence Certification Program in accordance with DoDI 3115.11 and DoDM 3305.10 (chap 4).
- o Incorporates the policies for Army personnel to participate in academic programs offered by the National Geospatial-Intelligence College (chap 4).
- o Incorporates the policies for Army personnel to apply for Defence School of Geospatial Intelligence (chap 4).
- o Incorporates policies for Geospatial-Intelligence (throughout).


Operations

Army Geospatial-Intelligence and Geospatial Information and Services

By Order of the Secretary of the Army

JAMES C. MCCONVILLE
General, United States Army
Chief of Staff

Official:


MARK F. AVERILL
Administrative Assistant to the
Secretary of the Army

History. This is a new Department of the Army regulation.

Summary. This regulation establishes the frameworks, policies, roles, and responsibilities for conducting Army Geospatial-Intelligence and Geospatial Information and Services operations and activities in a unified and synchronized manner across all warfighting functions and enabling generating force activities and functions that support military operations such as Installation and Environmental Management, Civil Works and Civil Emergency Management, and Modeling and Simulations. It revises organizational structures, responsibilities, and capabilities, to include requesting National Geospatial-Intelligence Agency products.

Applicability. This regulation applies to the Regular Army, the Army National

Guard/Army National Guard of the United States, and the U.S. Army Reserve, unless otherwise stated.

Proponent and exception authority.

The proponent of this regulation is the Deputy Chief of Staff, G–2. The proponent has the authority to approve exceptions or waivers to this regulation that are consistent with controlling law and regulations. The proponent may delegate this approval authority, in writing, to a division chief within the proponent agency or its direct reporting unit or field-operating agency, in the grade of colonel or the civilian equivalent. Activities may request a waiver to this regulation by providing justification that includes a full analysis of the expected benefits and must include formal review by the activity's senior legal officer. All waiver requests will be endorsed by the commander or senior leader of the requesting activity and forwarded through their higher headquarters to the policy proponent. Refer to AR 25–30 for specific requirements.

Army internal control process.

This regulation contains internal control provisions in accordance with AR 11–2 and identifies key internal controls that must be evaluated (see appendix C).

Supplementation. Supplementation of this regulation and establishment of command and local forms are prohibited without prior approval from the Deputy

Chief of Staff, G–2 (DAMI–OI), 1040 Army Pentagon, Washington, DC 20310–1040.

Suggested improvements. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to the Deputy Chief of Staff, G–2 (DAMI–OI), 1040 Army Pentagon, Washington, DC 20310–1040.

Committee management. AR 15–39 requires the proponent to justify establishing/continuing committee(s), coordinate draft publications, and coordinate changes in committee status with the Office of the Administrative Assistant to the Secretary of the Army, Department of the Army Committee Management Office (AARP–ZA), 9301 Chapek Road, Building 1458, Fort Belvoir, VA 22060–5527. Further, if it is determined that an established “group” identified within this regulation later takes on the characteristics of a committee, as found in AR 15–39, then the proponent will follow all AR 15–39 requirements for establishing and continuing the group as a committee.

Distribution. This publication is available in electronic media only and is intended for the Regular Army, the Army National Guard/Army National Guard of the United States, and the U.S. Army Reserve.

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Chapter 1

Introduction

Section I

General

1–1. Purpose

This regulation prescribes the policies and responsibilities; as well as, establishes the Army governance frameworks to conduct Geospatial-Intelligence (GEOINT) and Geospatial and Information Services (GI&S) operations and activities in a unified and synchronized manner across all Warfighting Functions and enabling generating force functions. GEOINT, in the context of this Army Regulation, refers to the activities that are funded by intelligence appropriations, subject to intelligence oversight, and constitute an intelligence activity governed by Executive Order 12333 (as amended). The objective of this regulation is to ensure that GEOINT and GI&S operations and activities are treated as high-priority efforts and conducted in a unified and synchronized manner due to the vital role they play in the successful conduct of military operations and activities, in executing the mission of the Department of Defense, and in supporting national security. This regulation will ensure GEOINT and GI&S are available for decision makers and commanders to evaluate numerous options for executing simultaneous and sequential operations using the rapid and continuous integration of capabilities, across all domains, to present multiple dilemmas to an adversary in order to achieve surprise, gain physical information advantage, and influence and control the operational environment.

1–2. References and forms

See appendix A.

1–3. Explanation of abbreviations and terms

See the glossary.

1–4. Responsibilities

See section II of chapter 1.

1–5. Records management (recordkeeping) requirements

The records management requirement for all record numbers, as associated forms and reports required by this regulation are addressed in the Records Retention Schedule-Army (RRS–A). Detailed information for all related record numbers, forms, and reports are located in Army Records Information Management System (ARIMS)/RRS–A at <https://www.arims.army.mil>. If any record numbers, forms, and reports are not current, addressed and/or published correctly in ARIMS/RRS–A, see DA Pam 25–403 for guidance.

Section II

Responsibilities

1–6. Assistant Secretary of the Army (Acquisition, Logistics and Technology)

The ASA (ALT) will—

- a.* Ensure Army materiel solutions that use or produce GEOINT are in compliance with the GEOINT architecture and standards prescribed by the Director, National Geospatial-Intelligence Agency (NGA) in accordance with Chairman of the Joint Chiefs of Staff Instruction (CJCSI) 3110.08, Department of Defense Directive (DoDD) 5105.60, and DoDI 8330.01.
- b.* Ensure Army materiel solutions are designed to make maximum use of the GEOINT provided by NGA and coordinate unique materiel system requirements with Deputy Chief of Staff (DCS), G–2, Chief of Engineers (COE), and the Army Geospatial Information Officer (GIO) for coordination with NGA pursuant to CJCSI 3110.08 and DoDI 5000.56.
- c.* Consult with the Army GIO on implementation profiles of geospatial information standards to inform policy, directives, and guidance to the Army Acquisition Community to ensure interoperability among Army materiel solutions.

d. Support the DCS, G-2, COE, and Army GIO with reviewing NGA intelligence mission data plans per DoDD 5250.01 to ensure NGA data architecture, formats, compatibility and standards, and dissemination methods satisfy Army acquisition program requirements.

e. Support the DCS, G-2 by designating a representative to serve within the Service GEOINT Element (SGE) to coordinate Army Tactical Exploitation of National Capabilities (TENCAP) Program related matters with NGA in accordance with DoDD 5105.60 to ensure NGA efforts meet current operational requirements where applicable and facilitate exploration of new concepts for using national intelligence systems to support operations at the tactical level.

f. Designate a representative to serve as a member of the Army 3-Star Geospatial-Enterprise Governance Board (GGB) and designate representatives to support the 1 and 2-Star GGB, the GGB Council of Colonels (CoC) and Geospatial Standing Task Force (GSTF).

1-7. Chief Information Officer

The CIO will—

a. Support the DCS, G-2 by providing guidance regarding GEOINT information sharing management to promote interoperability, reuse, portability, and cybersecurity within the DoD, as well as with federal agencies and multinational partners pursuant to DoDI 8130.01.

b. Serve as a member of the Army 3-Star GGB and designate representatives to support the 1 and 2-Star GGB, the GGB CoC and GSTF.

1-8. Deputy Chief of Staff, G-2

The DCS, G-2 will—

a. Provide advice and plan, supervise execution, and report the performance and progress of policies and programs for all GEOINT-related activities and functions for the Department of the Army.

b. Ensure the Army GEOINT enterprise leverages national capabilities and is able to share GEOINT by the most efficient and expeditious means consistent with DoDI 8320.02, Under Secretary of Defense (USD) for Intelligence and Security (USD (I&S)), and Director of National Intelligence (DNI) security and information sharing policies.

c. Lead the Army SGE with representation from various Army organizations. The Army GEOINT Office (AGO) is the G-2 office within NGA facilities that serves as the Army's conduit into the NGA and the National/Allied System for Geospatial-Intelligence (NSG/ASG) representing the spectrum of the Army's interests and equities in the GEOINT arena on behalf of stakeholders.

d. Coordinate changes to Army GEOINT concepts of operations, force structure, and systems across the DoD and IC.

e. Formulate requests and manage GEOINT resources for the Army Military Intelligence Program (MIP) and National Intelligence Program (NIP). This includes—

(1) Planning and programming for GEOINT resources in accordance with the MIP fiscal policy and the guidance established by the USD (I&S) in accordance with DoDD 5205.12 and the National System for GEOINT (NSG) programming and budgeting guidance from the Director, NGA in accordance with DoDI 3115.15.

(2) Coordinating and synchronizing GEOINT plans, programs, and budgets with the Director, NGA, as appropriate pursuant to DoDI 3115.15.

(3) Informing the Intelligence Community (IC) GEOINT Functional Manager's state-of-the-function report to USD (I&S) and DNI pursuant to DoDD 5105.60 and Intelligence Community Directive (ICD) 113.

(4) Provide functional management oversight to the Army National-to-Theater (NTT) program.

(5) Publish an annual NTT report in accordance with NSG Directive 3104.

(6) Responding to the Army, NGA, USD (I&S), ODNI, or congressional inquiries related to all GEOINT expenditures.

f. In coordination with DCS, G-8 and OCE, review GEOINT Joint Requirement Oversight Council (JROC) and IC Capability Review Council requirement documentation to ensure DoD and IC GEOINT capabilities support Army requirements.

g. Provide support to the DoD GEOINT Manager and IC GEOINT Functional Manager by providing representation to the NSG Senior Management Council (NSMC) and designating Army personnel to support the GEOINT Committee (GEOCOM) governance structure in accordance with DoDD 5105.60 and ICD 113.

h. Support the Joint Staff with conducting biennial Combat Support Agency Review Team assessments of NGA in accordance with Section 193, Title 10, United States Code (10 USC 193) and CJCSI 3460.01.

i. Support NGA's annual review and validation of the size, composition, responsibilities, and location of NGA personnel embedded within the Army to ensure optimal alignment of support to the Army's needs and to inform Service resource and strategic decisions in accordance with DoDD 3000.06.

- j.* Serve as the Army voting representative to the NSG GEOINT Standards Working Group (GWG) to establish and maintain the GEOINT standards baseline for the DoD and IC.
- k.* Validate all GEOINT related support agreements pursuant to DoDI 4000.19 between the Army and DoD or IC organizations.
- l.* Appoint representatives to validate Army submissions into the NGA enterprise framework process.
- m.* Designate member(s) of the Office of the Deputy Chief of Staff (ODCS), G-2 to serve as the Army GI&S Officer in accordance with CJCSI 3901.01F responsible for:
 - (1) Coordinate with each Combatant Command (CCMD) and Army Service Component Command (ASCC) designated GI&S Officer to submit geographic GI&S statement of requirements (SOR) for training, exercises, material system development, and deployment readiness to NGA.
 - (2) Develop an Armywide GI&S requirement production list based off NGA's capacity and capability then submit to commanders of Army organizations and units for execution.
- n.* Lead the SGE in accordance with DoDD 5105.60. This includes designated members of the ODCS, G-2 to serve within the SGE and embedding Army personnel into NGA, as appropriate.
- o.* Coordinate with Joint Task Forces (JTFs), CCMDs, and national-level agencies and organizations to ensure that GEOINT actions, issues, and initiatives are staffed across the Army.
- p.* Implement the DoD GEOINT professional certification program in accordance with DoDI 3115.11 and DoDM 3305.10 to ensure GEOINT personnel are trained to IC analytic standards, as appropriate. This includes:
 - (1) Designating a representative to serve on the NGA GEOINT Professional Certification Council.
 - (2) Reporting status of implementation to the DoD GEOINT Manager and USD (I&S).
 - (3) Validating DoD GEOINT certification candidate lists submitted to the Army from the NGA certification program management office for recommendation before submission to the USD (I&S) for conferral of certifications.
 - (4) Appointing an Army representative to the Community GEOINT Training Council (CGTC) in accordance with DoDI 3305.10.
- q.* Co-chair, with the COE, the Army 3-Star GGB and designate representatives to support the 1 and 2-Star GGB, GGB CoC, and GSTF.
- r.* Serve as a NSG member.
- s.* Ensure the Commanding General, U.S. Army Intelligence and Security Command (INSCOM) will—
 - (1) Designate representative(s) to serve within the Army SGE to coordinate INSCOM-related GEOINT matters with NGA and NSG members in accordance with DoDD 5105.60.
 - (2) Oversee execution of the Army NTT program in accordance with the guidance and direction provided by the DCS, G-2 and the IC GEOINT Functional Manager in accordance with NSG instructions and directives, as appropriate.
 - (3) Ensure Army GEOINT analysts, military and civilians, assigned to INSCOM units and organizations are certified in accordance with the DoD GEOINT Certification program, as appropriate.
 - (4) Support DCS, G-2 with reviewing NGA GEOINT products and services to include sunset positions and/or change recommendations.
 - (5) Support DCS, G-2 with reviewing GEOINT standards recommended for inclusion in, or retirement from, the DoD Information Technology Standards Registry (DISR) through the GWG.
 - (6) Coordinate and synchronize GI&S requirements necessary to support Hard Targets, Defense Intelligence Analysis Program (DIAP) responsibilities, and other INSCOM missions with the COE and the Army GIO, as appropriate.
 - (7) Serve as a NSG member.
 - (8) Collaborate with the Commanding General (CG), U.S. Army Corps of Engineers (USACE) to ensure synchronization between GI&S and GEOINT-related initiatives.
 - (9) Designate representatives to support the 1 and 2-Star GGB, the GGB CoC, and GSTF.
 - (10) Execute GEOINT Foundry training in accordance with AR 10-87, AR 350-32 and DCS, G-2 guidance.
 - (11) Designate a Departmental Requirements Officer (DRO), with direct liaison authority to DCS, G-2, to serve as the final departmental validating authority for all Army national imagery collection requests and produce and maintain Proper Use Memorandums (PUMs).

1-9. Deputy Chief of Staff, G-3/5/7

The DCS, G-3/5/7 will—

- a.* Resource GEOINT and Geospatial Engineer troop organization, force structure, operations, training, and readiness.

b. Prioritize all materiel programs supporting the standards and architecture prescribed by the Director, NGA as the DoD Lead for GEOINT standards, in coordination with ASA (ALT) and the DCS, G–8 in accordance with DoDI 5000.56, DoDD 5250.01, and DoDI 8330.01.

c. Ensure that the Commander, U.S. Army Aeronautical Services Agency coordinates Army aviation, air traffic control, Army airfields or heliports, and Airspace Operations imagery and GI&S requirements with the DCS, G–2, COE, Army GIO, CG, U.S. Army Training and Doctrine Command (TRADOC), and CG, Army Futures Command (AFC) to eliminate duplication, avoid redundant expenditures, and maximize sharing of resources.

d. Support the DCS, G–2, COE, and Army GIO by assessing NGA’s Foundation GEOINT Intelligence Mission Data (IMD) and prioritizing Army GI&S requirements.

e. In accordance with AR 115–13, ensure the Sustainable Range Program (SRP) GI&S program lead coordinates and reconciles SRP, Installation GI&S (IGI&S), and military installation maps production plans and requirements with DCS, G–2, COE, Army GIO, CG, TRADOC, CG, AFC, and DCS, G–9 to eliminate duplication, avoid redundant expenditures, and maximize sharing of resources.

f. Provide Army aviation representation supporting the GEOCOM governance structure, specific to activities involving Aeronautical safety of navigation, in accordance with DoDD 5105.60 and CJCSI 3901.01F.

g. Serve as a member of the Army 3-Star GGB and designate representatives to support the 1 and 2-Star GGB, the GGB CoC and GSTF.

h. Serve as a NSG Partner.

1–10. Deputy Chief of Staff, G–4

The DCS, G–4 will—

a. Serve as the Army Staff central point of contact for supply and storage of GI&S material.

b. Assist the Army Staff, in collaboration with the CG, Combined Arms Support Command (CASCOM) and the CG, U.S. Army Materiel Command (AMC), to identify, track and monitor logistics concepts, policy, funding and distribution funding for the Logistics Business and Warfighting Domain requirements that may have GEOINT and GI&S application.

c. Maintain liaison with the Director, Defense Logistics Agency (DLA), the Director, U.S. Transportation Command (TRANSCOM), Surface Deployment and Distribution Command (SDDC), and other DoD agency leaders on GEOINT and GI&S-related logistics concepts, policy, requirements, funding, life cycle planning and applications. This includes supply distribution guidance for standard GI&S products as appropriate.

d. Maintain liaison with CG, CASCOM and Director, DLA to ensure that GI&S are integrated into the Army supply system, Army supply officer, and/or supply point of contact processes and procedures and in accordance with DLA mapping and customer guidance.

e. Pursuant to CJCSI 3110.08, CJCSI 3901.01F and AR 56–9, coordinate GI&S requirements for logistics and watercraft missions with the DCS, G–2, COE, Army GIO, CG, TRADOC, CG, AFC, and DCS, G–9 to eliminate duplication, avoid redundant expenditures, and maximize sharing of resources.

f. Review NGA and Army GI&S production priorities and plans for impact on DCS, G–4 functional areas and watercraft capabilities.

g. Provide Army watercraft representation supporting the GEOCOM governance structure, specific to activities involving Maritime safety of navigation, in accordance with DoDD 5105.60 and CJCSI 3901.01F.

h. Serve as a member of the Army 3-Star GGB and designate representatives to support the 1 and 2-Star GGB, the GGB CoC and GSTF.

i. Serve as a NSG Partner.

1–11. Deputy Chief of Staff, G–6

The DCS, G–6 will—

a. Consider Army GIO certification program findings and results during Army Interoperability Certification (AIC) adjudication and determination.

b. Serve as a member of the Army 3-Star GGB and designate representatives to support the 1 and 2-Star GGB, the GGB CoC and GSTF.

1–12. Deputy Chief of Staff, G–8

The DCS, G–8 will—

a. Develop, independently assess, integrate, and synchronize materiel solutions to achieve interoperability through the architecture and standards prescribed by the Director of NGA and the Army GIO in accordance with DoDD 5105.60 and DoDI 8330.01.

- b.* Ensure Army systems producing or consuming GEOINT and/or GI&S are appropriately resourced to ensure the successful integration of the interoperability amongst DoD systems and networks.
- c.* Ensure the Director, Center for Army Modeling and Simulation Office (AMSO) will
 - (1) Serve as the Army Senior Modeling & Simulations Advocate.
 - (2) Coordinate issues with the DCS, G-2; GIO; and DCS, G-3/5/7 to ensure interoperability and sharing and/or reuse between the operational and generating force.
- d.* Coordinate the Army modeling and simulation prescribed standards, architectures, and data models with the Army GIO to ensure training and operational system geospatial interoperability with stakeholders such as Chief, AMSO, CG, AFC, and Program Executive Officer for Simulation, Training and Instrumentation.
- e.* Serve as a member of the Army 3-Star GGB and designate representatives to support the 1 and 2-Star GGB, the GGB CoC and GSTF.
- f.* Serve as a NSG Partner.

1-13. Deputy Chief of Staff, G-9

The DCS, G-9 will—

- a.* Advise the Assistant Secretary of the Army (Installation, Energy and Environment (ASA (IE&E))) on the development and implementation of Installation GI&S (IGI&S) policies, programs, production, and requirements in accordance with AR 115-13.
- b.* Assist the ASA (IE&E) on coordinating Army IGI&S program policy, documentation, acquisition plans, and imagery requirements with the DCS, G-2, COE, and Army GIO to eliminate duplication, avoid redundant expenditures, and maximize sharing of resources.
- c.* Support the DoD GEOINT Manager with facilitating use and discovery of IGI&S across the NSG, and facilitate efforts to make IGI&S data and metadata visible and accessible (to the maximum extent allowed by law or DoD policy) across the federal data sharing environment, to include the Geospatial Platform per DoDI 8130.01.
- d.* Serve as a member of the GSTF.
- e.* Serve as a NSG partner.

1-14. Chief of Army Reserve

The CAR, through the Office of the Chief of Army Reserve (OCAR) G-2, will—

- a.* Designate an OCAR central point of contact for GEOINT to coordinate all GEOINT issues with the DCS, G-2 for further coordination with the Director, NGA, the other Services' GI&S proponents, the Joint Staff, and the IC.
- b.* Develop OCAR GEOINT-related policies consistent with this regulation.
- c.* Coordinate GI&S requirements for training, mission rehearsal, exercises, and systems to effectively train, man, and equip OCAR personnel with DCS, G-2, COE, Army GIO, CG, TRADOC, and CG, AFC to eliminate duplication, avoid redundant expenditures, and maximize sharing of resources in accordance with CJCSI 3901.01F.
- d.* Support DCS, G-2, COE, and Army GIO by reviewing NGA and Army GEOINT and GI&S plans and strategies.
- e.* Support DCS, G-2 by reviewing GEOINT standards to ensure proposed standards recommended for inclusion in, or retirement from, the DISR support OCAR functional areas.
- f.* Serve as a member of the Army 3-Star GGB and designate representatives to support the 1 and 2-Star GGB, the GGB CoC and GSTF.
- g.* Serve as a NSG partner.

1-15. Chief of Engineers

The COE will—

- a.* Serve as the designated Joint Capability Area Manager for Operational Engineering in accordance with DoDD 7045.20.
- b.* Provide representation to the NSMC and designate Army personnel to support the GEOCOM governance structure.
- c.* Serve as the Headquarters, Department of the Army (HQDA) office of primary responsibility for coordination between the Army and the NSG regarding matters related to the Defence School of Geospatial Intelligence (DSGI), and designate a representative to serve as the Army voting member on the NSG-led DSGI Selection Panel.
- d.* Co-chair, with the DCS, G-2, the Army 3-Star GGB and designate representatives to support the 1- and 2-Star GGB, the GGB CoC, and GSTF.
- e.* Designate a management decision package (MDEP) manager to serve as the focal point for functional and programmatic integration of Army Geospatial Support (MDEP EMAP) and to link program policy with resources for the program evaluation group in accordance with AR 1-1.

- f.* Serve as the Topographer of the Army and HQDA office of primary responsibility for Geospatial Engineering and responsible for providing GI&S expertise and support to the U.S. Army Engineer School (USAES) and USACE.
- g.* Appoint representatives to validate Army submissions into the NGA enterprise framework process.
- h.* As Chief of Branch, the COE is responsible for leading the Corps of Engineers (Engineer Regiment) to ensure generation and management of geospatial engineers and the training, education, certification, management, and integration of geospatial engineering within the Army, in accordance with 10 USC.
- i.* Provide support to the DCS, G-2 to:
 - (1) Coordinate Geospatial Engineering and GI&S related matters with NGA pursuant to the SGE mandates in DoDD 5105.60.
 - (2) Identify, coordinate, validate, prioritize, and advocate for Army-specific GI&S requirements to NGA in support of training, exercises, materiel system development, and deployment readiness in accordance with CJCSI 3901.01F.
 - (3) Develop an Armywide GI&S production list based off NGA's capacity and capability.
 - (4) Articulate the Army's position on NGA products and services to include sunset positions and/or recommendations; and formal agreements between the Army and NGA.
 - (5) Articulate the Army's position on imagery and geospatial information standards recommended for inclusion in, or retirement from, the DISR through the GWG.
- j.* Designate an Army GIO responsible for—
 - (1) Serving as the Executive Director of the GGB intra-Army committee responsible for the operational, administrative, implementation, and management of Army geospatial enterprise (AGE) efforts, as well as the HQDA geospatial-enterprise governance process.
 - (2) Developing and implementing a geospatial enterprise, aligned with HQDA and DoD enterprise architectures, to ensure interoperability and connectivity between existing and future Army and NSG systems in accordance with DoDD 5105.60.
 - (3) Synchronizing and aligning policies, strategies, and guidance for geospatial information across all operating and generating force activities and functions.
 - (4) Assisting the CG, AFC and CG, TRADOC with the development and prioritization of Army geospatial information requirements in coordination with DCS, G-2; ASA (ALT); DCS, G-3/5/7; and ASCC commanders.
 - (5) Defining architectures, data models, and standards to enable geospatial information interoperability for existing and future Army systems.
 - (6) Synchronizing GI&S architectures, data models, and standards with the Army modeling and simulation community to maximize interoperability.
 - (7) Maintaining and implementing the AGE certification program, aligned to the DCS, G-6 led AIC process, to ensure that Army materiel solutions that produce or exchange geospatial information are interoperable. Submit certification results to the DCS, G-6 for consideration to incorporate into the AIC baseline assessment in accordance with AR 25-1 and DA Pam 25-1-1.
- k.* The Commander, USACE will—
 - (1) Advise on the development of policy to effectively manage Civil Emergency Management and Civil Works GI&S activities consistent with Executive Order 12906, 43 USC Chapter 46, and Office of Management and Budget (OMB) Circular A-16 to promote the sharing of spatial data and technology interoperability across the Federal geospatial community.
 - (2) Provide geospatial engineering support to military operations, humanitarian assistance and disaster relief, military construction, and civil works missions.
 - (3) Produce and provide standard and specialized terrain analysis products, geospatial information, and reach back support required by the Army, which are not produced or provided by NGA or other agencies, according to DCS, G-2 and COE GI&S production list.
 - (4) Perform content management and dissemination of the standard and shareable geospatial foundation, in mission ready formats, to mission command and training systems.
 - (5) Provide maps, imagery, elevation, and feature data to Army modeling and simulation developers in accordance with AR 5-11.
 - (6) Conduct GI&S Research, Development, Testing, and Evaluation (RDT&E) focused on Army Science and Technology Priorities and critical enterprise gaps.
 - (7) Provide technical support, configuration management, and general support to implement IGI&S standards as a function supporting IGI&S Governance Group in accordance with DoDI 8130.01.
 - (8) Serve as a NSG Partner.
 - (9) Maintain the capability to generate, manage, analyze, and disseminate geospatial information and both hard and soft copy maps to provide public access to water resources and related water quality data in the custody of the

Corps of Engineers and support statutory responsibilities of the Chief of Engineers specified in 16 USC 580m, 33 USC 2342, 40 USC 9503, and 48 USC 1845.

1–16. Commanding General, U.S. Army Forces Command

The CG, FORSCOM will—

- a.* Codify the minimum quantity of hardcopy map products and digital map products required by FORSCOM units to fulfill the mission as defined by the unit's OPLAN(s) or CONPLAN(s).
- b.* Identify required support needed to ensure the digital map products are supportable to Mission Command Systems.
- c.* Delineate the difference between the number of planning sets and operational sets and timelines associated with the delivery and/or storage of each for coordination with the Director, DLA.
- d.* In coordination with the Commander, USACE, ensure FORSCOM unit readiness to support aligned CONPLAN(s), OPLAN(s), and exercises through the capability to retrieve and upload GI&S soft-copy data and products onto digital vehicle and Mission Command Systems.
- e.* Designate a representative to serve as a member of the Army 3-Star GGB and designate representatives to support the 1 and 2-Star GGB, the GGB CoC and GSTF.
- f.* Serve as a NSG partner.

1–17. Commanding General, U.S. Army Training and Doctrine Command

The CG, TRADOC will—

- a.* Be responsible for doctrine, organization, training, materiel, leadership and education, personnel, facilities, and policy (DOTMLPF–P) integration and provide recommended solutions in support of materiel solutions.
- b.* Recruit and train uniformed GEOINT and Geospatial Engineering personnel in accordance with AR 10–87.
- c.* Provide DCS, G–2 and COE an annual record of all current and emerging GEOINT and Geospatial Engineering training requirements and programs under their purview in accordance with DoDI 3305.10 for submission to NGA to inform the CGTC annual report.
- d.* Publish and maintain doctrine necessary to effectively describe specific GEOINT and Geospatial Engineering-related tasks, techniques, and procedures.
- e.* Support CG, AFC with developing Army Concept Framework documents in accordance with TRADOC regulations and guidance to facilitate the visualization and communication of the key ideas on future GEOINT and Geospatial Engineering operations.
- f.* Ensure CG, CASCOC designates an Army watercraft representative to support the GEOCOM governance structure, specific to activities involving Maritime safety of navigation, in accordance with DoDD 5105.60 and CJCSI 3901.01F.
- g.* Designate a representative to serve as a member of the Army 3-Star GGB and designate representatives to support the 1 and 2-Star GGB.
- h.* Designate representative(s) to serve as the chair(s) of the Army GGB CoC and GSTF.
- i.* Serve as a NSG partner.
- j.* Ensure the Chief, TRADOC Proponent Office (TPO) Geospatial will—
 - (1) Serve as the centralized manager for the coordination, integration, interoperability, and synchronization of all Army GI&S materiel solution requirements in support of current and future readiness.
 - (2) Support ASA(ALT), DCS, G–2, DCS, G–6, COE, CG, AFC, Army GIO, and other TPOs/ACMs with ensuring current and future materiel solutions with GI&S requirements remain compatible, compliant, and interoperable in accordance with CJCSI 3110.08, DoDI 5000.56, DoDD 5250.01, DoDI 8330.01, AR 25–1.
 - (3) Identify, validate, and synchronize Army Functional GI&S materiel solution requirements with the Director, AFC Futures and Concepts Center for validation and routing to the Army GIO, COE, and DCS, G–2 for submission to the NGA in accordance with CJCSI 3901.01F.
 - (4) Publish and maintain an AGE CONOPs that concentrates on implementing the AGE within operational forces and systems.
 - (5) Serve as the Chief of Staff for the GGB support staff and chair the GSTF and GGB Council of Colonels.

1–18. Commanding General, U.S. Army Materiel Command

The CG, AMC will—

- a.* Ensure the AMC IGI&S program lead coordinates the procurement of imagery and GI&S with DCS, G–2, COE, Army GIO, CG, AFC, and CG, TRADOC to eliminate duplication, avoid redundant expenditures, and maximize sharing of resources.

- b. Designate a representative to serve as a member of the Army 3-Star GGB and designate representatives to support the 1 and 2-Star GGB, the GGB CoC and GSTF.
- c. Serve as a NSG partner.

1–19. Commanding General, Army Futures Command

The CG, AFC will—

- a. Ensure future Army materiel solutions are designed to make maximum use of the GEOINT provided by NGA to ensure compliance with CJCSI 3110.08 and DoDI 5000.56.
- b. Consult with the DCS, G–2, CG, INSCOM, and Army GIO to ensure future materiel solutions using or consuming GEOINT or GI&S remain compatible, compliant, and interoperable with guidance provided by the Director, NGA in accordance with DoDI 5000.56, DoDD 5250.01, and DoDI 8330.01.
- c. Develop Army future concepts and capabilities based upon Army Modernization Strategy and Army Modernization Guidance to facilitate the visualization and communication of the key ideas on future GEOINT and Geospatial Engineering operations.
- d. Support DCS, G–2, COE, and Army GIO with reviewing NGA intelligence mission data plans per DoDD 5250.01 to ensure NGA data architecture, formats, compatibility and standards, and dissemination of NGA data satisfy Army acquisition program requirements.
- e. Serve as a NSG partner.
- f. Designate a representative to serve as a member of the Army 3-Star GGB.
- g. The Director, Futures and Concepts Center will—
 - (1) Conduct Level Three Integration, staff and validate required GEOINT and GI&S Gaps and Capabilities Development requirements.
 - (2) In coordination with CG, TRADOC, staff GEOINT and GI&S Joint Capabilities Integration and Development System (JCIDS) documents. Act as the gateway for JCIDS documents into DCS, G–8 (FDJ).
 - (3) Identify, validate, and synchronize Army Functional GI&S materiel solution requirements to the COE and DCS, G–2 for submission to the NGA in accordance with CJCSI 3901.01F.
 - (4) Ensure the Chief, Capability Development Integration Directorate – Intelligence (I–CDID) serves as the AFC representative at the 1 and 2-Star GGB, the Army GGB CoC and GSTF.
 - (5) Ensure the Chief, I–CDID leads the Functional SOR Survey.
- h. Ensure chartered Army Capability Managers (ACMs) conduct GEOINT and GI&S capability requirements integration to identify, assess, prioritize, synchronize, and communicate required capabilities across time, warfighting functions, DOTMLPF–P, resourcing, organizations, and range of military options; provides capability requirement recommendations to the DCS, G–3/5/7 for prioritization and integration into Army programming.
- i. The Army Capability Manager for Foundation will—
 - (1) Serve as the centralized manager for the coordination, integration, interoperability, and synchronization of all Army GEOINT materiel solution requirements.
 - (2) Support ASA (ALT), DCS, G–2, COE, and CG, AFC with ensuring current and future materiel solutions with GEOINT requirements remain compatible, compliant, and interoperable in accordance with CJCSI 3110.08, DoDI 5000.56, DoDD 5250.01, and DoDI 8330.01.
 - (3) Serve a member to the GGB Council of Colonels and GSTF.

1–20. Commanders of Army Service Component Commands

ASCC commanders will—

- a. Develop the GEOINT appendix for OPLANS/CONPLANS in accordance with CJCSI 3110.08 and CJCSM 3130.01, Adaptive Planning and Execution (APEX) Planning Formats and Guidance, annex B (Intelligence), appendix 7 (Geospatial Intelligence).
- b. Maintain direct and general support of standard GI&S product distribution capabilities to support U.S. ground forces, allied forces as provided for in bilateral or multilateral agreements, and other forces as directed.
- c. Designate an ASCC GI&S Officer, responsible for—
 - (1) Consolidating, validating, prioritizing, and documenting theater GI&S requirements for the ASCC and any assigned units.
 - (2) Synchronizing theater GI&S requirements with the CCMD GI&S Officer to account for all GI&S requirements of the Land Component Commander and ensure that the Land Component Commander’s GI&S requirements are incorporated into applicable theater OPLANS and CONPLANS pursuant to CJCSI 3110.08 and CJCSM 3130.01.
 - (3) Submitting GI&S requirements to the CCMD GI&S Officer and Army-specific GI&S requirements with the Army GI&S Officer.

- (4) Developing an ASCC GI&S production plan.
- d. Designate a theater geospatial engineer responsible for—
 - (1) Integrating geospatial engineering throughout the ASCC operations process by Warfighting Function.
 - (2) Coordinating across ASCC staff elements and the assigned Military Intelligence Brigade (MIB) commander to ensure that geospatial engineering requirements are accounted for and documented.
 - (3) Ensuring the development and upkeep of a theater geospatial database (TGD) to manage and maintain the terrain feature data components of a Standard and Shareable Geospatial Foundation (SSGF) and other components as required. The TGD will be maintained in conformance to standards mandated in the DoD Information Technology Standards Registry (DISR) and implemented based on guidance promulgated by the Army GIO to maximize interoperability with Army, Joint and UAP Partners.
 - (4) Maintaining close liaison with the intelligence staff and any engineer reconnaissance teams assigned to the ASCC to enhance information collection efforts to provide, coordinate, and integrate engineer technical expertise, engineer-related information requirements, and specialized engineer assets.
 - (5) Disseminating the feature data component of SSGF to all theater assigned and time-phased force deployment data (TPFDD) units, as necessary, to support JTF or Combined Joint Forces Land Component Command (CJFLCC) responsibilities to Joint Land Operations in accordance with JP 3–31.
 - (6) Providing SSGF data in support of the Common Operational Picture (COP) for all ASCC Mission Command networks and systems within their AOR.
 - (7) Providing reach back support to assigned units to ensure that geospatial information is shared horizontally and vertically among units to ensure a common standard sharable geospatial foundation for Mission Command systems.
- e. Coordinate with the CCMD commander to revise, update, and maintain sufficient stocks of standard maps, controlled image base (CIB), charts, and other aeronautical and maritime navigation aids to support pre-positioned war reserve requirements and sustained crisis operation requirements in accordance with Theater OPLANS/CONPLANS in accordance with DoDI 3110.06, and JP 2–03.
- f. Serve as a NSG partner.

1–21. Chief, National Guard Bureau

The Chief, National Guard Bureau (CNGB) will—

- a. Ensure the Army National Guard (ARNG), G-2 coordinates with the appropriate State Adjutants General and ARNG forces to enhance GEOINT 10 USC and 32 USC responsibilities for ARNG units and personnel.
- b. Ensure the ARNG, G-2 serves as the ARNG central point of contact for GEOINT and coordinates all issues with the HQDA DCS, G–2 for further coordination with NGA, the other Services, the Joint Staff, and the IC.
- c. Develop and oversee ARNG GEOINT-related policies consistent with the policies within this regulation.
- d. In accordance with CJCSI 3901.01F, coordinate GI&S requirements for training, mission rehearsal, exercises, and systems to effectively train, man, equip and finance ARNG personnel with the HQDA DCS, G–2, U.S. Army Intelligence Center of Excellence, Army GIO, CG, TRADOC, and CG, AFC.
- e. Support the HQDA DCS, G–2 by reviewing and prioritizing NGA and Army GI&S production plans and address impacts on ARNG functional areas.
- f. Support HQDA DCS, G–2 by reviewing GEOINT standards to ensure proposed standards recommended for inclusion in, or retirement from, the DISR support ARNG functional areas.
- g. Designate a representative to serve as a member of the Army 3-Star GGB and designate representatives to support the GSTF.
- h. Ensure coordination of GEOINT Planning, Programming, Budgeting, and Execution (PPBE) activities with ARNG G-2 and HQDA DCS, G–2.
- i. Serve as a NSG partner.

Chapter 2

Governance and Interoperability

Section I

Governance

2–1. Army Geospatial-Enterprise Governance Board

The Army GGB serves as a Departmental-level intra-Army committee responsible for coordinating, assessing, and synchronizing Army policies and strategies related to the acquisition, production, and utilization of GI&S to maximize

national-to-tactical sharing and interoperability with Army mission command systems and unified action partners. The GGB enables the Army to coordinate issues and actions with the DNI chartered committee of record, the National GEOINT Committee (GEOCOM), and satisfies responsibilities assigned to the Army within CJCSI 3901.01F, DoDD 5105.60, DoDI 5000.56, DoDI 8330.01, ICD 113, ICD 500, and ICD 900.

The GGB will—

- a. Meet semi-annually, or as required, to provide an opportunity for Army leadership to adjudicate cross functional issues to increase efficiency, reduce duplication, minimize overhead, enable cost stewardship, and instill a culture of savings within the Army.
- b. Ensure the Army leverages existing DoD and IC services, applications, products, and data in accordance with DoDI 5000.56, Programming GEOINT, GI&S, and Geodesy Requirements for Developing Systems.
- c. Review Army's GI&S production requirement submission to NGA, in accordance with CJCSI 3901.01F; and establish an Armywide production plan to satisfy current and emerging Service-unique GI&S requirements.
- d. Promulgate tradecraft and certification programs that develop a workforce (military, civilian, and contractors) who are capable of operating seamlessly from the tactical to the strategic level.
- e. Provide guidance on complying with DoD and IC policies, where appropriate, to enable the horizontal and vertical dissemination, exchange, and synchronization of data, products, and services internally and between unified action partners.
- f. Synchronize efforts to enhance and extend NGA data holdings with Army-derived GEOINT analysis and products and Army-produced GI&S.
- g. Provide guidance to ensure mission command systems have access to an SSGF for a consistent, coordinated, and synchronized common operating picture that enables all elements of the force to operate on the same base maps, elevation data, feature data and imagery map and support real-time coordination and collaboration.
- h. Providing advice to other functional governance forums, as appropriate.
- i. Inform DCS, G-2 and COE position at NSMC and GEOCOM of cross functional issues impacting their activities and functions.
- j. Charter the GGB as an intra-Army committee and establish sub-committees necessary to support the GGB goals and objectives in accordance with AR 15-39.

2-2. Geospatial-Enterprise Governance Board Council of Colonels and Working Groups

GGB CoC and established working groups, such as the GSTF, have been chartered to work actions on behalf of the GGB to enable interoperability across computing environments, echelons, NGA, other Services, and unified action partners. The GGB CoC will review issues brought forward by the GSTF, analyze them, discuss possible solutions, and elevate issues that cannot be resolved or approved by the GGB CoC to the GGB General Officer Steering Committees.

Interoperability

2-3. National System for Geospatial-Intelligence Interoperability

The Army materiel solutions are developed to be in compliance with the GEOINT architecture and standards prescribed by the Director, NGA in accordance with DoDD 5105.60 and DoDI 8330.01. Further, CJCSI 3110.08 and DoDI 5000.56 requires the Army to ensure that Army materiel solutions are designed to make maximum use of the GEOINT provided by NGA.

a. *Geospatial-Intelligence Interoperability.* The DCS, G-2 and CG, INSCOM have primary responsibility for the architecture and network connectivity to ensure the Army GEOINT enterprise can leverage and share GEOINT across the Army and with the NSG members. These responsibilities are governed by different authorities and policies assigned to DCS, G-2 and CG, INSCOM including, but not limited to AR 10-87, AR 381-10, and AR 381-11.

b. *Army Geospatial Enterprise Interoperability.* The Army GIO is responsible for the AGE. The AGE is a cross-cutting capability integrating technologies, standards, data, and processes that delivers an enterprise GI&S capability enabling a COP at all echelons. The AGE supports all Warfighting functions, computing environments and modernization, enabling mission command systems to train, rehearse and execute with a standard and sharable geospatial foundation. The AGE supports, and intersects, the Army GEOINT Enterprise by providing GI&S required for GEOINT analysis and production efforts. Efforts will support, and intersect, the Army GEOINT Enterprise efforts by providing GI&S required for GEOINT analysis and production efforts.

c. *Army Geospatial Enterprise System Certification Process.* The Army GIO will establish and maintain an Army AGE certification process, as part of the DCS, G-6 AIC program, to certify interoperability of all Army materiel

solutions that collect, manage, store, produce, exploit, visualize, or disseminate geospatial information. The GIO's certification will align with current Army interoperability testing processes and timelines. All Army materiel systems that produce, consume, or share geospatial information are required to attain geospatial information certification prior to fielding unless a waiver or status of "Not Certified" is provided by the Army GIO. Certification must be renewed every 4 years or when there are system changes that impact geospatial information interoperability.

Chapter 3

Collection, Analysis, Production, Data, Support, and Services

Section I

Obtaining or Requesting

3-1. Requesting organic support

a. Commanders of all echelon activities requiring fused GEOINT and Geospatial Engineering collection, analysis, production, data, support, and services will contact their organic or local GEOINT Cell in accordance with ATP 3-34.80 and ATP 2-22.7. The organic or local GEOINT Cell personnel will attempt to satisfy all requirements at the lowest level by leveraging local, regional, or national repositories and systems.

b. If the embedded GEOINT Cell is unable to satisfy the requirement, unit commanders may request support from their respective regionally focused Military Intelligence Brigade – Theater (MIB-T), Engineer Brigade, or Geospatial Planning Cell (GPC).

3-2. Obtaining reach back support

All efforts will be made to utilize the capabilities of regional, local, or organic G/S-2 GEOINT Cell, MIB-T, Engineer Brigade, GPC, and Collection Management sections. Once all efforts have been exhausted, leaders of Army organizations and units can contact the following agencies for technical advice:

a. *Geospatial-Intelligence Analysis and Production.* Direct requests for support to Army GEOINT Office (AGO) (NGAArmyGEOINT.office@nga.mil).

b. *Geospatial Information and Services.* Direct request to the Army Geospatial Center (AGC) Military Support Team (703-428-6759; agc.mst@usace.army.mil).

c. *Imagery Requests.* Contact Army Departmental Requirements Office for support (571-557-3738, armydro@nga.mil).

3-3. Access National System for Geospatial-Intelligence libraries and archives

a. *Authority.* Army personnel are authorized, with an assigned operational mission and requisite security clearance, to leverage commercial imagery, national imagery, and GI&S products to support authorized missions.

b. *Self-Discovery.* Army personnel will verify whether NSG archives and libraries have existing imagery, data, and/or derived products before requesting new imagery, data, and/or products.

3-4. Tasking national and commercial remote sensing capabilities

a. *New Tasking.* Commander of Army organizations and units are authorized to submit a tasking request for new geospatial information and imagery collections from national and commercial remote sensing capabilities. All activities requiring collection from national or commercial remote sensing capabilities go through local or regional G/S-2 Collection Management sections. A tasking request is a process by which a request for remote sensing data is validated, prioritized, and submitted for collection.

b. *Army Departmental Requirements Office.* When located at a disparate organization that does not have a local or regional G/S-2 Collection Management section, Army personnel must contact the Army Departmental Requirements Office. The Army Departmental Requirements Office assists all echelons in the following:

- (1) Creating and adjudicating national and commercial imagery, data, and products collection requests.
- (2) Dissemination of imagery, data, and products.
- (3) Implementing policies and processes concerning national and commercial level imagery, data, and products.

Point of contact for the DRO:

NIPR: armydro@nga.mil; (571) 557-3738.

SIPR : armydro@nga.smil.mil; (302) 388-4367.

JWICS: armydro@coe.ic.gov; 578-3738.

c. Commercial Imagery Acquisition. NGA and the National Reconnaissance Office (NRO), at the direction of the DNI, established the Commercial GEOINT Activity. As part of this partnership, NGA transitioned responsibilities outlined in National Security Presidential Directive (NSPD)–27 and DoDD 5105.60 to serve as the DoD lead for all acquisition or exchange of commercial imagery to the NRO. Army personnel will acquire commercial imagery through existing DoD or IC imagery libraries or through new tasking to leverage national acquisition vehicles to the greatest extent possible. However, when imagery is unavailable within a DoD or IC imagery library, or when new tasks are not satisfied through national tasking processes, Army organizations and units are authorized to acquire commercial imagery.

d. Army Geospatial Center Imagery Office. Army personnel may contact the Army Geospatial Center Imagery Office (AIO) to leverage existing acquisition vehicles to acquire commercial imagery when requirements cannot be satisfied by other means. The AIO collaborates directly with the DRO, NGA, the USGS and various commercial satellite and/or aerial digital imagery vendors to provide requested imagery. Contact information for the AIO is:

NIPR: dll-agc-aio@usace.army.mil; (703) 428–3613, DSN: 364–3613.

e. Domestic Imagery Policy. NSG Instruction (NSGI) 1806 establishes policies, roles and responsibilities, and procedures to task or access domestic imagery from the NGA. Army personnel will refer to this instruction for the policies and procedures on accessing domestic imagery from the NGA.

f. Proper Use Memorandum.

(1) *Required.* An NGA approved PUM is required when domestic imagery collection occurs for a Foreign Intelligence (FI) or Counter-Intelligence (CI) purposes.

(2) *Not Required.* Domestic imagery may be collected for non-FI/CI missions without an NGA PUM. These missions may still require a prior legal review, letter of consent (LOC), and/or prior coordination per NSGI 1806. The NGA PUM-exempted missions include: personnel recovery; humanitarian assistance; disaster readiness, response, and recovery; security vulnerability assessments; scientific and environmental studies; exercises and training; systems testing, engineering, RDT&E; mapping, charting, and geodetic data and products; and defense support of civil authorities when directed by the Secretary of Defense.

(3) *Letter of Consent.* A property owner's LOC must be obtained prior to collecting NGA domestic imagery focused on a specific residence or non-federal facility for activity based RDT&E; scientific or environmental studies; and support to exercises and training. The LOC must be submitted prior to tasking for domestic collection.

3–5. Requesting Airborne intelligence surveillance and reconnaissance

a. Global Force Management Allocation Plan. Airborne intelligence surveillance and reconnaissance (ISR) capabilities are managed by the Joint Staff through the Global Force Management Allocation Plan (GFMAP).

b. U.S. Army Forces Command Units. Army personnel assigned to FORSCOM units will contact their respective Collection Management section to submit requests for airborne ISR support.

c. Additional Information. Further information on of the GFMAP processes can be found within CJCSM 3130.06, Global Force Management Allocation Policies and Procedures; CJCSM 3122.02, Joint Operation Planning and Execution System (JOPEs) Volume III (Time-Phased Force and Deployment Data Development and Deployment Execution); CJCS Guide 3130, Adaptive Planning and Execution Overview and Policy Framework; and Joint Publication (JP) 5–0, Joint Planning.

3–6. Ordering Defense Logistics Agency products

a. Authority. Army personnel are authorized to order and obtain products, including maps, controlled image base, charts, elevation data, and other aeronautical, digital, hydrographic, and topographic products with national stock numbers directly from the DLA.

b. Ordering Products. Army personnel must refer the Account Management and Provisioning System Gateway at <https://amps.dla.mil/> for detailed steps on submitting, establishing, and registering DLA accounts, ordering products, tracking orders, releasing products, and destroying products.

3–7. Submitting Geospatial Information and Services requirements to the National Geospatial-Intelligence Agency

a. Scope. CJCSI 3901.01F requires the Army to develop policies for identifying, prioritizing, and submitting GI&S requirements to ensure optimal use, and proper allocation, of national production resources. This policy does not replace or apply to requirements management processes related to imagery intelligence activities.

b. Implementation. The Army will inform national GI&S production through two (2) separate, but complimentary processes 1) Functional SOR and 2) Geographic SOR. Chapter 1, Section II of this regulation describes what Army organizations are responsible for these processes.

c. Ad Hoc Crisis Requirements. All GI&S production requirements for ad hoc crisis support will be forwarded to the Army GI&S Officer within the ODCS, G-2 (DAMI-OI) in accordance with Appendix B and CJCSI 3901.01F.

3-8. National Geospatial-Intelligence Agency Enterprise Request Framework Process

Commanders of Army units and organizations are authorized to submit requests to the NGA Enterprise Request Framework Process. Once the ASCC chain of command approves the need, Army personnel will submit requests to the NGA Enterprise Request Framework Process on JWICS at the following URL:
<http://newt.nga.ic.gov/ng/#/app/ent/splash/home>.

Section II

Producing and Disseminating

3-9. Geospatial-Intelligence analytic standards

a. Authority. Commanders of Army components authorized to produce strategic, operational, and tactical GEOINT analysis and products must adhere to the analytic standards prescribed by USD (I&S) and DNI.

b. Analytic Standards. All Army GEOINT products and analysis will be consistent with the five analytic standards and nine analytic tradecraft standards outlined in ICD 203.

c. National Intelligence Priorities Framework. Strategic and operational GEOINT products and analysis should include metadata that show alignment to the National Intelligence Priorities Framework, where possible.

3-10. Position reference

Army personnel must utilize the DoD positional coordinate reference systems mandated within CJCSI 3900.01, Position (Point and Area) Reference Procedures.

3-11. Sharing and re-use

a. Policy. Pursuant to DoDI 8320.02 all imagery and geospatial information, including all derived analysis and products, produced or acquired by Army organizations and units will be made visible, accessible, understandable, trusted, and interoperable to all authorized users. Authorized users include DoD consumers and mission partners, subject to law, policy, data rights, and security classifications.

b. Geospatial-Intelligence Analysis and Products. Disseminated GEOINT Analytic Products will be electronically disseminated to the Library of National Intelligence or successor system via NGA fielded capabilities (that is GEOINT Enterprise Tasking, Processing, Exploitation and Dissemination (TPED) Service (GETS)) in accordance with ICD 203, ICD 208, ICD 209, and ICD 501.

c. Furnishing New Materials. Commanders of Army organizations and units acquiring imagery, geospatial information, derived products, and/or scientific information will ensure original material is furnished to an appropriate DoD library. If material cannot be immediately provided to the libraries, the library will be notified as to the existence of the new data and given a point of contact. Library and corresponding materials to be provided by field geospatial units are as follows:

- (1) Send maps, geodetic data, foreign place names, nautical charts, and bathymetric data to NGA.
- (2) Send aeronautical charts, gravity data, air facility and flight data, installation data, and positional data to NGA.
- (3) Send magnetic data to the National Oceanic and Atmospheric Administration, National Geophysical Center, Solar-Terrestrial Physics Division.
- (4) Send water resource, hydrologic, geologic, vegetation and soils data and information to USACE/AGC.
- (5) Send information concerning manmade features that qualify as hazards to flight safety to DCS G-3/5/7 and NGA.
- (6) Send spectral signatures to NGA.

3-12. Reproduction, Duplication, and Corrections

a. Reproduction. Army personnel will refer to AR 25-30 for guidance for policies on the preparation, review, approval, publishing, distribution, and management of the Army products.

b. Duplicating. Army imagery, geospatial information, and derived products may be duplicated for official purposes as long as they retain any security, distribution, handling caveats, and licensing restrictions. All material must be clearly identified as facsimiles and denote that they are “subject to dimensional error”.

c. Requesting updates or corrections. Army personnel will refer to the materials metadata, markings, and/or other statements on requesting updates and corrections.

3–13. Defense Support to Civil Authorities

a. General. Army personnel assigned to Army organizations and units with approved Defense Support to Civil Authorities (DSCA) missions pursuant to DoDD 3025.18 performing intelligence activities or non-intelligence activities must follow certain rules universally for the collection of geospatial information and imagery. Army personnel, operating under approved DSCA authorities, will ensure compliance with intelligence oversight policies and sensitive information program rules.

b. Intelligence Activities. Any intelligence or intelligence-related activities conducted by Army intelligence components or personnel assigned or attached to Army intelligence components are governed by intelligence oversight policies to include EO 12333 as amended, DoDD 5240.01, DoDM 5240.01, DoDD 5148.13, DoD 5240.1–R and AR 381-10.

c. Non-Intelligence Activities. Personnel of all other Army organizations and units collecting or producing geospatial information, imagery, or derived products that do not involve the use of DoD intelligence component capabilities, are subject to sensitive information program rules to include DoDD 5200.27 and AR 380-13.

3–14. Request for reimbursement

a. Commanders of Army organizations and units providing interagency support are authorized to request reimbursement for support such as extended travel, expensive equipment rentals, recurring maintenance or software licensing costs for equipment, or high consumption of supplies to recover unfunded costs pursuant to DoDI 4000.19.

b. Commanders of Army organizations and units providing support to other Services and Federal Government activities must obtain appropriate approval and fully consider the impact on national security and military readiness.

3–15. Augmenting National Geospatial-Intelligence Agency standard production

Commanders of Army organizations and units supporting NGA with the creation of NGA standard products will confer with the Army GIO, DCS, G–2, and COE to ensure effort aligns with the Army mission, does not degrade operational readiness, and is not currently accounted for in the Army GI&S and/or NGA Foundation GEOINT production plans.

Section III

Information Assurance and Safeguarding

3–16. Information assurance and safeguarding

a. All Army personnel will refer to AR 25–2 to protect unclassified, sensitive, or classified information stored, processed, accessed, or transmitted by information systems.

b. All Army personnel will refer to AR 380–5 for the policies on the classification, downgrading, declassification, transmission, transportation, disposition, and safeguarding of information requiring protection in the interests of national security. AR 380-5 also addresses controlled unclassified information, to include for official use only and sensitive but unclassified.

c. All Army personnel working with, or modifying, NGA produced materials will use NGA guidelines for derivative classifications and restrictive handling or distribution caveats. The NGA guidelines will be obtained by contacting the Army’s SGE at ngaarmygeointoffice@nga.mil.

3–17. Freedom of Information Act

a. Requests for Army Information. Army personnel will refer to AR 25–55 to obtain approval to release Army information and products from all Army information systems (automated and manual) to remain compliant with DoD Directive 5400.7, DoD Freedom of Information Act (FOIA) Program.

b. Requests for National Geospatial-Intelligence Agency Information. Army personnel are not authorized to release NGA data, products, and services pursuant to 5 USC 552. Army personnel will refer FOIA requests for all NGA data, products, and services to the NGA FOIA Office. Army personnel may contact the NGA FOIA office via Joint Worldwide Intelligence Community System email: foia@coe.ic.gov.

3–18. Disclosure and release

a. Requests for Army Information. Army personnel will refer to AR 380–10 for the policy and procedures for the disclosure of Army classified military information and controlled unclassified information to foreign governments and international organizations.

b. Requests for National Geospatial-Intelligence Agency Information. In accordance with DoDI 5030.59, Army personnel are not authorized to release or disseminate GEOINT produced by NGA or derived from NGA materials outside the DoD and to other Federal Government departments and agencies, excluding the IC without expressed written approval from the Director, NGA. Army personnel will refer requests for approval to the NGA Disclosure and Release Office (NDRO). Army personnel may contact the NDRO via:

Unclassified email: ndro@nga.mil.

Secret Internet Protocol Router Network email: ndro@nga.smil.mil.

Joint Worldwide Intelligence Community System email: ndro@nga.ic.gov.

Mail: Headquarters, NGA: Disclosure and Release Office, Mail Stop S–82–OIAD, 7500 GEOINT Drive, Springfield, VA 22180–75000.

c. Sharing within the Department of Defense. Army personnel are authorized to share information and production within the DoD. However, personnel must observe all security and handling caveats on materials when making distribution and ensure that receiving activities are authorized to receive and protect the materials.

3–19. Foreign agreements

The Director, NGA, in coordination with the Under Secretary of Defense for Intelligence and Security, is authorized to negotiate or enter into agreements pertaining to geospatial intelligence with foreign governments during peacetime. Army personnel will pass requests for such agreements through command channels to DCS, G–2 (DAMI–OI) for review, validation and forwarding to the Director, NGA.

3–20. Website management

Commanders of Army organizations and units that establish enterprise portals or websites to share imagery and/or geospatial information will refer to AR 25–1 for information management and information technology (IT) requirements for website and enterprise portal management.

Chapter 4

Interagency Certification and Tradecraft

4–1. Target Coordinate Mensuration Certification and Program Accreditation

a. Scope. Pursuant to CJCSI 3505.01D and DoDD 5105.60, NGA establishes Target Coordinate Mensuration (TCM) certification standards, and accreditation criteria for Service, CCMD, CCMD subordinate forces HQ, and combat support agency (CSA) TCM programs within DoD for the production of mensurated target coordinates.

b. Army Target Coordinate Mensuration Functional Manager. The Army Multi-Domain Targeting Center (AMTC) is responsible for developing and sustaining the Army’s TCM program in accordance with CJCSI 3505.01D.

c. Work Center. Commanders of Army organizations and units may request TCM accreditation to serve an accredited work center by contacting AMTC.

d. Accreditation Types. There are two types of TCM accreditation: Target Material Production (TMP) and Target Mensuration Only (TMO). NGA accredits both programs. Army units and organizations will complete all requirements outlined within NSG Instruction 2351 and CJCSI 3505.01D and in coordination with AMTC. Any coordination generated outside these programs (for example, sensors alone, targeting nodes, laser locator designators, or radars) does not constitute TCM and is not governed by CJCSI 3505.01D.

e. Modernized Integrated Database Production. Only TMP certified personnel are authorized to produce mensurated coordinates for publication in the Modernized Integrated Database (MIDB). Army personnel producing mensurated coordinates for MIDB will enter record in accordance with CJCSI 3370.01C (classified) and CJCSI 3505.01D.

4–2. Department of Defense Geospatial-Intelligence Professional Certification

a. Mandated. DoD GEOINT certification is mandated for Army Defense Intelligence Enterprise (DIE) personnel, military and civilians, assigned to INSCOM units and organizations that perform a National-level GEOINT analysis and production function.

b. Eligible. All other Army personnel, subject to command approval, are eligible to participate in the DoD GEOINT Certification program based upon their work, role, grade, position, and experience in the GEOINT field.

c. Program Information. Army personnel must submit questions about DoD Geospatial-Intelligence Professional Certification program information, eligibility criteria, and the application process to the Army GEOINT Office (NGAArmyGEOINT office@nga.mil).

4–3. National Geospatial-Intelligence College

a. Eligibility. With command approval, all Army personnel are authorized to take courses offered by NGA’s National Geospatial-Intelligence College (NGC).

b. Enrollment. Army personnel must submit questions on NGC course offerings and the registration processes to the Army GEOINT Office (NGAArmyGEOINT office@nga.mil).

4–4. Defence School of Geospatial Intelligence Master’s Program

a. Eligibility. All full-time Army personnel, civilians and military, who meet the program criteria are eligible to apply for the DSGI Master’s Program provided by the British Defence Intelligence Training Group per a Memorandum of Understanding between NGA and the Secretary of State for Defence of the United Kingdom of Great Britain and Northern Ireland. Army Engineer Officer Candidates are initially vetted through the U.S. Army Engineer Proponent Development Office followed by an NSG selection panel.

b. Program Information. Army personnel must direct inquiries to the Office of the Chief of Engineers for more information on the program.

Appendix A

References

Section I

Required Publications

Unless otherwise indicated, all Army publications are available on the Army Publishing Directorate website at <https://armypubs.army.mil>.

AR 25–30

Army Publishing Program (Cited in the title page.)

DA Pam 25–403

Guide to Recordkeeping in the Army (Cited in para 1–5.)

Section II

Related Publications

A related publication is a source of additional information. The user does not have to read it to understand this regulation. Unless otherwise indicated, all Army publications are available on the Army Publishing Directorate website at <https://armypubs.army.mil>. DoD publications are available at <https://www.esd.whs.mil/dd/>. Joint Publications are available at <https://www.jcs.mil/doctrine/joint-doctrine-pubs/>. Intelligence Community Directives (ICDs) are available at <https://www.dni.gov/index.php/what-we-do/ic-related-menus/ic-related-links/intelligence-community-directives>. USCs are available at <https://uscode.house.gov/>.

ADP 2–0

Intelligence

AR 1–1

Planning, Programming, Budgeting, and Execution

AR 5–11

Management of Army Modeling and Simulation

AR 10–87

Army Commands, Army Service Component Commands, and Direct Reporting Units

AR 11–2

Managers' Internal Control Program

AR 15–39

Department of the Army Intergovernmental and Intragovernmental Committee Management Program

AR 25–1

Army Information Technology

AR 25–2

Army Cybersecurity

AR 25–55

The Department of the Army Freedom of Information Act Program

AR 25–400–2

The Army Records Information Management System (ARIMS)

AR 56–9

Army Intratheater Watercraft Systems

AR 70–1

Army Acquisition Policy

AR 95–2

Air Traffic Control, Airfield/Heliport, and Airspace Operations

AR 115–13
Installation Geospatial Information and Services

AR 350–32
Army Foundry Intelligence Training Program

AR 380–5
Army Information Security Program

AR 380–10
Foreign Disclosure and Contacts with Foreign Representatives

AR 380–13
Acquisition and Storage of Information Concerning Nonaffiliated Persons and Organizations

AR 380–28
Army Sensitive Compartmented Information Security Program

AR 380–381
Special Access Programs (SAPS) and Sensitive Activities

AR 381–10
U.S. Army Intelligence Activities

AR 381–11
Intelligence Support to Capability Development

AR 710–2
Supply Policy Below the National Level

AR 900–1
Department of the Army Space Policy

ATP 2–01.3
Intelligence Preparation of the Battlefield

ATP 2–19.1–1
Echelons Above Corps Intelligence Organizations

ATP 2–22.7
Geospatial Intelligence

ATP 3–34.80
Geospatial Engineering

CJCSI 3110.08E
Geospatial Information and Services Supplemental Instruction to Joint Strategic Capabilities Plan

CJCSI 3370.01C
Target Development Standards

CJCSI 3505.01D
Target Coordinate Mensuration Certification and Program Accreditation

CJCSI 3460.01D
Combat Support Agency Review Team Assessments

CJCSI 3901.01F
Requirements for Geospatial Information and Services

DA Pam 25–1–1
Army Information Technology Implementation Instructions

DoD 5240.01-R
Procedures Governing The Activities Of DoD Intelligence Components That Affect United States Persons

DoDD 3000.06
Combat Support Agencies

DoDD 5100.01

Functions of the Department of Defense and its Major Components

DoDD 5105.21

Defense Intelligence Agency (DIA)

DoDD 5105.22

Defense Logistics Agency (DLA)

DoDD 5105.23

National Reconnaissance Office (NRO)

DoDD 5105.60

National Geospatial-Intelligence Agency (NGA)

DoDD 5148.13

Intelligence Oversight

DoDD 5200.27

Acquisition of Information Concerning Persons and Organizations Not Affiliated With The Department of Defense

DoDD 5205.12

Military Intelligence Program (MIP)

DoDD 5240.01

DoD Intelligence Activities

DoDD 5250.01

Management of Intelligence Mission Data (IMD) in DoD Acquisition

DoDI 3115.11

DoD Intelligence Human Capital Management Operations

DoDI 3115.15

Geospatial Intelligence (GEOINT)

DoDI 3305.02

DoD General Intelligence Training and Certification

DoDI 3305.10

Geospatial-Intelligence (GEOINT) Training

DoDI 3305.13

DoD Security Education, Training, and Certification

DoDI 5000.56

Programming Geospatial-Intelligence (GEOINT), Geospatial Information and Services (GI&S), and Geodesy Requirements for Developing Systems

DoDI 8130.01

Installation Geospatial Information and Services (IGI&S)

DoDI 8320.02

Sharing Data, Information, and Information Technology (IT) Services in the Department of Defense

DoDM 3305.10

DoD Geospatial Intelligence (GEOINT) Accreditation and Certification

Executive Order 12333 (as amended)

United States Intelligence Activities (Available at <https://www.archives.gov/federal-register/codification/executive-order/12333.html>)

Executive Order 12906

Coordinating Geographic Data Acquisition and Access: The National Spatial Data Infrastructure (Available at https://www.fgdc.gov/policyandplanning/executive_order)

Executive Order 12951

Release of Imagery Acquired by Space-Based National Intelligence Reconnaissance Systems (Available at <https://www.govinfo.gov/content/pkg/WCPD-1995-02-27/pdf/WCPD-1995-02-27-Pg304.pdf>)

Executive Order 13526

Classified National Security Information (Available at <https://www.archives.gov/isoo/policy-documents/cnsi-eo.html>)

FM 2–0

Intelligence

FM 3–34

Engineer Operations

ICD 104

National Intelligence Program (NIP) Budget Formulation and Justification, Execution, and Performance Evaluation

ICD 113

Functional Managers

ICD 116

Intelligence Planning, Programming, Budgeting, and Evaluation System

ICD 203

Analytic Standards

ICD 204

National Intelligence Priorities Framework

ICD 206

Sourcing Requirements for Disseminated Analytic Products

DoD Dictionary

Office of the Chairman of the Joint Chiefs of Staff, “DoD Dictionary of Military and Associated Terms,” as amended

JP 2–0

Joint Intelligence

JP 2–01

Joint and National Intelligence Support to Military Operations

JP 2–03

Geospatial Intelligence in Joint Operations

JP 3–0

Joint Operations

JP 3–31

Joint Land Operations

JP 3–34

Joint Engineer Operations

Office of Management and Budget (OMB) M–06–07

Designation of a Senior Agency Official for Geospatial Information (Available at <https://www.whitehouse.gov/sites/whitehouse.gov/files/omb/memoranda/2006/m06-07.pdf>)

NSGI 2351

Geospatial Intelligence Targeting Support Program for Target Coordinate Mensuration Program Accreditation and Certification (Available at https://intelshare.intelink.gov/sites/geocom/NPS/_layouts/15/start.aspx#/NSG%20Policies%20%20ACTIVE/Forms/AllItems.aspx)

5 USC 552

Public information; agency rules, opinions, orders, records, and proceedings

10 USC

Armed Forces

10 USC 193

Combat support agencies: oversight

10 USC 467

Definitions

16 USC 580m

Development of reservoir areas for future resources of timber; Congressional declaration of policy

32 USC

National Guard

33 USC 2342

Access to water resource data

40 USC 9503

Record of property

43 USC Chapter 46

Geospatial Data

48 USC 1845

Plans for development, utilization, and conservation of water and related land resources

50 USC 3034a

Functional Managers for the intelligence community

Section III**Prescribed Forms**

This section contains no entries.

Section IV**Referenced Forms**

Unless otherwise indicated, DA Forms are available on the Army Publishing Directorate website at <https://armypubs.army.mil>.

DA Form 11–2

Internal Control Evaluation Certification

DA Form 2028

Recommended Changes to Publications and Blank Forms

Appendix B

Geospatial Information and Services Requirements Submission Format

B–1. Submission

A request memorandum must be submitted for GI&S.

B–2. Example

The format is provided at figure B–1.



DEPARTMENT OF THE ARMY
ORGANIZATION
STREET ADDRESS
CITY STATE ZIP

OFFICE SYMBOL

[Date]

MEMORANDUM FOR DCS, G-2 (DAMI-OP), 1000 Pentagon, Washington DC, 20310-1040

SUBJECT: Request for Geospatial Information and Services (GI&S)

1. Product Required: Be specific, describe needs exactly, include scale and/or resolution. ADRG, CADRG, DTED Level, scanned maps, format conversions (AR 525-95, ch 3). NGA can (normally) only provide DOD standard products, data, and services. If requirements are not referenced above, call DCS, G-2 Geospatial Team (703) 695-2821/2803/2765, DSN 329.
2. Location: Use corner geographic coordinates, scene number, or map sheet series and sheet numbers per current DLA map catalogs.
3. Media Desired: CD/DVD, hard drive and/or paper copy. Include number of each required.
4. Priority:
 - Priority 1 – Mission/Exercise/Test will FAIL if data/service is not available.
 - Priority 2 – Mission/Data/Test will experience SIGNIFICANT DEGRADATION if data/service is not available.
 - Priority 3 – Mission/Data/Test will experience MINOR DEGRADATION if data/service is not available.
5. Data Required: Allow 180 days for production. Crisis requirements must include detailed justification (see para 6). Some items may be produced faster than 180 days. The DCS, G-2 Office will provide more details if required.
6. Justification: Provide detail on project scope, desired results, supported organizations, systems used (hardware and software), other information pertaining to the data or product use.
7. Point of Contact: [Name, phone, email] Note: Government contractor requests MUST use government sponsor and must include contract number and expiration date. Provide shipping address for product dissemination.

NAME (ALL CAPS)
Rank
Commanding

Figure B–1. Example of memorandum for ad hoc GI&S

Appendix C

Internal Control Evaluation

C–1. Function

The function covered by this evaluation is the Army GI&S Program.

C–2. Purpose

The purpose of this evaluation is to assist in evaluating the key internal controls outlined below. It is not intended to cover all controls.

C–3. Instructions

Answers must be based on the actual testing of key internal controls (for example, document analysis, direct observation, sampling, simulation). Answers that indicate deficiencies must be explained and corrective action indicated in supporting documentation. These key internal controls must be formally evaluated at least once every 3 years. Certification that this evaluation has been conducted must be accomplished on DA Form 11–2 (Internal Control Evaluation Certification).

C–4. Test questions

Questions for key internal controls are as follows:

- a.* Have the processes and procedures for receiving GI&S from other systems been identified under a MOA, MOU, or ISA?
- b.* Have the processes and procedures for delivering GI&S to other systems been identified under a MOA, MOU, or ISA?
- c.* Is a review of GI&S standards and metrics conducted annually with change requirements being identified, prioritized, reviewed, adopted and then incorporated into the Functional or Geographic Statement of Requirements?
- d.* Is the Army GI&S data collection plan being published annually?
- e.* Are the review of quality assurance programs conducted annually with changes being identified, prioritized, reviewed and incorporated into the quality assurance plan program?
- f.* Are the standard operating procedures or standard workflows being coordinated, reviewed and published annually?
- g.* Is training in support of the overall GI&S program conducted at all applicable professional military education sites?
- h.* Is AR 525–95 reviewed at least every 18 months and updated at a minimum of every 5 years, as required by AR 25–30?

C–5. Supersession

Not applicable.

C–6. Comments

Help make this a better tool for evaluating internal controls. Submit comments to the DCS, G–2 (DAMI–OI), 1040 Army Pentagon, Washington DC 20310–1040.

Glossary

Section I

Abbreviations

ACOM

Army Command

AFC

Army Futures Command

AGC

Army Geospatial Center

AGE

Army Geospatial Enterprise

AGO

Army Geospatial-Intelligence Office

AIC

Army Interoperability Certification

AIO

Army Geospatial Center Imagery Office

AMC

Army Materiel Command

AMSO

Army Modeling and Simulation Office

APEX

Adaptive Planning and Execution

ARCIC

Army Capabilities Integration Center

ARNG

Army National Guard

ARSTAF

Army Staff

ASCC

Army service component command

CASCOM

Combined Arms Support Command

CCMD

Combatant Command

CGTC

Community GEOINT Training Council

CI

Counterintelligence

CIB

controlled image base

CJCSI

Chairman of the Joint Chiefs of Staff Instruction

CJFLCC

Combined Joint Forces Land Component Command

COE

Common Operating Environment

CONOPS

Concept of Operations

CONPLAN

Contingency Plan

CONUS

Continental United States

COP

Common Operational Picture

DA

Department of the Army

DCS

Deputy Chief of Staff

DCS, G-1

Deputy Chief of Staff, G-1

DCS, G-2

Deputy Chief of Staff, G-2

DCS, G-3/5/7

Deputy Chief of Staff, G-3/5/7

DIA

Defense Intelligence Agency

DIAP

Defense Intelligence Analysis Program

DIE

Defense Intelligence Enterprise

DISR

DoD Information Technology Standards Registry

DLA

Defense Logistics Agency

DNI

Director of National Intelligence

DoD

Department of Defense

DOTMLPF-P

Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, Facilities, and Policy

DRO

Departmental Requirements Officer

DRU

Direct Reporting Unit

DSCA

Defense Support to Civil Authorities

DSGI

Defence School of Geospatial Intelligence

FI

Foreign Intelligence

FOIA

Freedom of Information Act

FORSCOM

U.S. Army Forces Command

GEOCOM

Geospatial-Intelligence Committee

GEOINT

Geospatial-Intelligence

GFMAP

Global Force Management Allocation Plan

GGB

Geospatial-Enterprise Governance Board

GI&S

Geospatial Information and Services

GIG

Global Information Grid

GIO

Geospatial Information Officer

GPC

Geospatial Planning Cell

GSTF

Geospatial Standing Task Force

GWG

GEOINT Standards Working Group

HQDA

Headquarters, Department of the Army

IC

Intelligence Community

IGI&S

Installation Geospatial Information and Services

IMD

Intelligence Mission Data

IMINT

Imagery Intelligence

INSCOM

U.S. Army Intelligence and Security Command

IPB

Intelligence Preparation of the Battlefield

ISA

Interagency Support Agreement

ISR

Intelligence, Surveillance, and Reconnaissance

JCIDS

Joint Capabilities Integration and Development System

JCS

Joint Chiefs of Staff

JOPES

Joint Operation Planning and Execution System

JROC

Joint Requirements Oversight Council

JTF

Joint Task Force

LOC

Letter of Consent

M&S

Modeling and Simulation

MDEP

Management Decision Evaluation Package

MIDB

Modernized Integrated Database

MILSTRIP

Military Standard Requisitioning and Issue Procedures

MIP

Military Intelligence Program

MSO

Map Support Office

NGA

National Geospatial-Intelligence Agency

NGC

National Geospatial-Intelligence College

NIP

National Intelligence Program

NSG

National System for Geospatial-Intelligence

NSMC

National System for Geospatial-Intelligence Senior Management Council

NSPD

National Security Presidential Directive

NSS

National Security System

NTT

National-to-Theater

OPLAN

Operations Plan

PEO

Program Executive Officer

PM

Program Manager

PPBE

Planning, Programming, Budgeting, and Execution

PUM

Proper Use Memorandum

RDT&E

Research, Development, Test and Evaluation

SAP

Special Access Program

SCI

Sensitive Compartmented Information

SDDC

Surface Deployment and Distribution Command

SDSFIE

Spatial Data Standards for Facilities, Infrastructure and Environment

SGE

Service Geospatial Intelligence Element

SRP

Sustainable Range Program

SSGF

Standard and Sharable Geospatial Foundation

TCM

Target Coordinate Mensuration

TENCAP

Tactical Exploitation of National Capabilities

TGD

Theater Geospatial Database

TMO

Target Mensuration Only

TMP

Target Material Production

TPFDD

Time Phased Force Deployment Data

TRADOC

U.S. Army Training and Doctrine Command

TRANSCOM

U.S. Transportation Command

USAASA

U.S. Army Aeronautical Services Agency

USACE

U.S. Army Corps of Engineers

USAES

U.S. Army Engineer School

USAR

U.S. Army Reserve

USD

Under Secretary of Defense

USD (I&S)

Under Secretary of Defense for Intelligence and Security

USGS

U.S. Geological Survey

Section II

Terms

Army Geospatial Center

The Army Geospatial Center provides timely, accurate, and relevant geospatial information, capabilities, and domain expertise for Army Geospatial Enterprise implementation in support of unified land operations. This includes providing geospatial support, training, and products to the Army and our mission partners, developing and fielding enterprise-enabled geospatial systems, and providing domain expertise and support to Army's Mission Command Systems and acquisition community (CJCSI 3110.08).

Army Geospatial Enterprise

An integrated system of technologies, standards, data, and processes that delivers an enterprise GI&S capability, which facilitates a Common Operational Picture (COP) to the Warfighter at all echelons. The AGE supports all Warfighting functions, computing environments and modernization, enabling mission command systems to train, rehearse and execute with a standard and sharable geospatial foundation.

Army Geospatial Intelligence Enterprise

The combination of the people, technology, and policies necessary to plan, collect, process, exploit, and disseminate GEOINT (Imagery, Imagery Intelligence, and Geospatial Information) that enables Mission Command Intelligence. The Army GEOINT Enterprise supports Commanders in Multi-Domain Operations by providing timely and relevant GEOINT products to increase situational awareness, enable freedom of maneuver, and effectively employ capabilities in the close, deep, support, and consolidation areas.

Army Topography

Terrain analysis, map and map graphic overlay printing, precise positioning (survey) and digital products, normally expedient or tailored to the situation that is primarily in support of land combat (see "topography").

Cartographic records

Graphic representations drawn to scale of selected cultural and physical features of the surface of the earth, other planetary bodies and of the atmosphere. They include maps, charts, photomaps, orthophotomaps, atlases, cartograms, globes, and relief models. Related records are those that are integral to the map-making process, such as field survey notes, geodetic controls, map history case files, source materials, indexes, and finding aids (DA Pam 25-403).

Chart

A special purpose map designed for navigation.

Crisis

An incident or situation involving a threat to the U.S., its citizens, military forces, or vital interests that develops rapidly and creates a condition of such diplomatic, economic, or military importance that the commitment of U.S. military forces and resources is contemplated to achieve national objectives (JP 3-0).

Defense Intelligence Enterprise

The organizations, infrastructure, and measures to include policies, processes, procedures, and products of the Intelligence, CI, and Security Components of the Joint Staff, CCMDs, MILDEPs, and other DoD elements that perform National Intelligence, Defense Intelligence, intelligence-related, CI, and security functions, as well as those organizations under the authority, direction, and control of the USD(I&S) (DoDD 5143.01).

Deliberate Targeting

Targeting that prosecutes planned targets. These are targets that are known to exist in the operational environment. For this instruction, this typically includes any target planning in support of precision-guided munitions other than self-defense or fleeting targets.

Department of Defense Geospatial-Intelligence Manager

The Director of NGA serves as the DoD GEOINT Manager pursuant to DoDD 5105.60, paragraph 6, responsible for conducting all GEOINT activities delegated under the authorities of the Secretary of Defense and the USD (I&S). The Director, NGA also advises the DNI and the Director of Defense Intelligence (DDI) on all matters under the purview of the DNI concerning GEOINT and is responsible for leading and providing guidance to the National System for Geospatial Intelligence (NSG). In the exercise of these responsibilities, the Director of NGA plans, organizes, directs, and manages NGA and all assigned resources to provide peacetime, contingency, crisis, and combat GEOINT support to the operational military forces of the United States. The Director, NGA, develops and manages those Military Intelligence Program (MIP) resources and capabilities under the purview of NGA. The Director, NGA, also plans and

provides for survival, recovery, and reconstitution of NGA mission-essential functions, pursuant to DoDD 3020.26 and DoDI 3020.39.

Disseminated Analytic Product

Any intelligence product, such as an assessment, study, estimate, compilation, database, graphic, or interactive publication, created by the analytic component of an IC element, reviewed and validated by that IC element, and disseminated to consumers outside that IC element (ICD 206).

Dynamic Targeting

Targeting that prosecutes targets identified too late or not selected for action in time to be included in deliberate targeting (JP 3–60).

Expedient Product

A map, chart, digital data set, or other product made, because of resource or time constraints, to standards short of the specifications for a standard product and that cannot fully support the intended functions.

Foundation Geospatial–Intelligence Data

The base data providing context and a framework for display and visualization of the environment, which consists of: features, elevation, controlled imagery base, geodetic sciences, geographic names and boundaries, aeronautical, maritime, digital point positioning database, and human geography (JP 2–03).

Geodesy

The science that determines the size and figure of the earth and its gravity field.

Geospatial Engineering

Those engineering capabilities and activities that contribute to a clear understanding of the physical environment by providing geospatial information and services to commanders and staffs (JP 3–34).

Geospatial Information

Information that identifies the geographic location and characteristics of natural or constructed features and boundaries on or about the earth and includes data and information derived from, among other things, remote sensing, mapping, and surveying technologies; and mapping, charting, geomatics data, and related products and services (10 USC 467).

Geospatial Information and Services

The collection, information extraction, storage, dissemination, and exploitation of geodetic, geomagnetic, imagery, gravimetric, aeronautical, topographic, hydrographic, littoral, cultural, and toponymic data accurately referenced to a precise location on the Earth's surface (JP 2–03).

Geospatial Intelligence

Exploitation and analysis of imagery and geospatial information to describe, assess, and visually depict physical features and geographically referenced activities on the earth. Geospatial intelligence consists of imagery, imagery intelligence, and geospatial information (10 USC 467, ADP 2–0).

Geospatial–Intelligence Committee

The National Geospatial-Intelligence Committee (GEOCOM) was established in accordance with ICD 113 to advise and assist the Director of NGA, in his/her role as the DoD GEOINT Manager and IC GEOINT Functional Manager, in executing functional management obligations and authorities in support of national intelligence and defense priorities and to act as the Committee of Record.

Imagery

A likeness or presentation of any natural or man-made feature or related object or activity and the positional data acquired at the same time the likeness or representation was acquired, including products produced by space-based national intelligence reconnaissance systems and likenesses or presentations produced by satellites, airborne platforms, unmanned aerial vehicles, or other similar means (10 USC 467).

Imagery Intelligence

The technical, geographic, and intelligence information derived through the interpretation or analysis of imagery and collateral materials (10 USC 467).

Information Systems

Set of information resources organized for the collection, storage, processing, maintenance, use, sharing, dissemination, disposition, display, or transmission of information. Includes Automated Information System (AIS) applications, enclaves, outsources IT-based processes, and platform IT interconnections (AR 25–1).

Intelligence Community

All departments or agencies of a government that are concerned with intelligence activity, either in an oversight, managerial, support, or participatory role (JP 2–0).

Intelligence Community Geospatial–Intelligence Functional Manager

The Director of NGA serves as the Intelligence Community (IC) GEOINT Functional Manager pursuant to 50 USC 3034a, Executive Order 12333 (as amended by Executive Order 13470 para. 1.3.b.12.A.iii), and Intelligence Community Directive (ICD) 113, “Functional Managers”. The GEOINT Functional Manager serves as the principal advisor to the Director of National Intelligence (DNI) on the performance of the GEOINT function and serves as the cognizant authority with respect to the overall performance of the GEOINT function within and across IC elements and activities.

Intra–Army committee

An intragovernmental committee with membership composed wholly of representatives from DA organizations (AR 15–39).

Map

A graphic representation of selected natural and artificial features on the earth’s surface or some part of it, usually on a flat medium such as paper, and generally using a planar coordinate system referenced to the earth’s surface. Maps generally show the approximate scale.

National Geospatial–Intelligence Agency

NGA is designated as a Combat Support Agency (CSA) pursuant to 10 USC 193, DoDD 3000.06, and DoDD 5105.60. Additionally, NGA is an Intelligence Community element pursuant to Executive Order (EO) 13470 (as amended). The NGA mission, organization and management, responsibilities and functions, relationships, authorities, and administration are in accordance with DoDD 5105.60.

National System for Geospatial–Intelligence

The combination of technology, policies, capabilities, doctrine, activities, people, data, and organizations necessary to produce GEOINT. The NSG community consists of geospatial intelligence-related members of the IC, Military Departments, Joint Staff, Combatant Commands, and other USG departments and agencies, including the Central Intelligence Agency, the Federal Bureau of Investigation, and the Department of Homeland Security, with contributions from international entities, private industry, academia, and defense or civil community service providers (DoDD 5105.60). NSG Members are IC and DoD organizations that fall under GEOINT Functional Management authorities, as outlined in Executive Order 12333, DoD Directive 5105.60, and Intelligence Community Directive 113. NSG Members include the IC, the Joint Staff, the Military Departments (including the Services), and CCMDs. Within the Army, NSG Members are the organizations within the DIE, also called the DoD Intelligence Community (DoDIC), in accordance with DoD Directive 5143.01. NSG Partners include U.S. federal and civil agencies, allied Commonwealth countries, and certain members of U.S. industry, academia, and non-profit organizations. Army NSG Partners consist of all other stakeholders that work with NSG Members on a consistent basis, but do not fall under the GEOINT Functional Management Authorities or receive intelligence appropriations (GEOINT Basic Doctrine, Publication 1.0).

National System for Geospatial–Intelligence Senior Management Council

The NSG Senior Management Council (NSMC) is a semi-annual senior (3-star and equivalent SES) functional management forum established to advise and assist the Director of NGA, in his/her role as the DoD GEOINT Manager and IC GEOINT Functional Manager. Chaired by the Director of NGA, the NSMC provides an opportunity for DoD and IC leaders to discuss the strategic, community-wide issues facing the GEOINT community, and outline future priorities.

Nonstandard Data

Data not identified in the Army mission needs statement for terrain data.

Operational Environment

Composite of the conditions, circumstances, and influences that affect the employment of capabilities and bear on the decisions of the commander (JP 3–0).

Proper Use Memorandum

A memorandum submitted annually by organizations that receive NGA domestic imagery. PUMs document the requesting organization’s FI or CI mission requirement for domestic imagery, authorized exploiters and recipients, and acknowledgment of the legal and policy restrictions associated with the use of NGA-provided domestic imagery (NGA NSGI 1806).

Records

All books, papers, maps, photographs, machine-readable materials, or other documentary materials regardless of physical form or characteristics, made or received by an agency of the United States Government under Federal law or in connection with the transaction of public business and preserved or appropriate for preservation by that agency or its legitimate successor as evidence of the organization, functions, policies, decisions, procedures, operations, or other activities of the Government or because of the informational value of the data in them. Library and museum material made or acquired and preserved solely for reference or exhibition purposes, extra copies of documents preserved only for convenience of reference, and stocks of publications and of processed documents are not included (AR 25–400–2).

Service Geospatial–Intelligence Elements

Designated Service GEOINT elements within each respective Military Department facilitate integration of GEOINT-related activities and Military Service functions across the NSG. The element serves as the formal Service point of contact for all NSG planning, programming, budgeting, acquisition, technology investment, policy, doctrine, training, tradecraft, personnel, tasking, collection, process, production, exploitation, and dissemination functions related to Military Service GEOINT functions and activities (DoDD 5105.60).

Spatial Data

Information that identifies the geographic location and characteristics of natural or constructed features and boundaries on the Earth. This information may be derived from remote sensing, mapping, charting, surveying technologies, GPS, or statistical data, among other sources.

Special Product

A nonstandard map, chart, digital data set, or other product. Special products may be expedient, substitute, or tailored.

Standard and Sharable Geospatial Foundation

A mission command essential capability that enables a shared basis for representing operational environment complexity and interrelationships. Enables a consistent, coordinated, and synchronized common operational picture (COP) that enables all elements of the force to operate on the same map and support real-time coordination and collaboration.

Substitute Product

A map, chart, digital data set, or other product, not made to specifications agreed upon by the Military Services for standard products, which can fully support the intended functions of a standard product.

Survey

The act or operation of making measurements to determine relative positions of points on, above, or beneath the earth's surface.

Tailored Product

A map, chart, digital data set, or other product designed to support a particular function at a particular time or place.

Target Coordinate Mensuration

The process of measurement of a feature or location on earth by certified personnel using NGA-validated tools to determine an absolute latitude, longitude, and elevation to support the employment of coordinate-seeking munitions. TCM consists of two programs: Target Material Production and Target Mensuration Only (CJCSI 3505.01D).

Target Coordinate Mensuration Program

The combination of the following distinct separate critical components and their ability to operate as a whole to accurately produce mensurated target coordinates: use of one or more NGA-validated mensuration tool, a mensuration process, a training syllabus, proficiency development and maintenance procedures, work center/work environment procedures, access to imagery, program governance documentation, and certified analysts and/or operators. The program is considered to be accredited to operate with an NGA-validated tool, and a review of the program's ability to certify and maintain proficient analysts and operators (CJCSI 3505.01D).

Target Material Production

The conduct of target coordinate mensuration to generate target materials in support of current and future operations and planning such as operations or contingency plans development and maintenance. (CJCSI 3505.01D).

Target Materials

Graphic, textual, tabular, digital, video, or other presentations of target intelligence, primarily designed to support operations against designated targets by one or more weapon systems (JP 3–60).

Target Mensuration Only

The conduct of TCM to generate a target coordinate primarily in support of current operations (for example, troops in contact or time sensitive targets), related mission planning, weaponeering, and in dynamic targeting scenarios when the derived coordinate will not be entered into the MIDB. TMO is conducted using NGA-validated imagery and TCM tools (CJCSI 3505.01D).

Terrain Analysis

The process of analyzing and interpreting the earth's surface that includes manmade and natural features in combination with the influences of weather, climate and other relevant factors, to predict their effects on military operations.

Topography

The configuration of the earth's physical surface, to include relief and natural and manmade features. Topography may also refer to mapping or describing these features.

Work Center

The physical space of an accredited target material production program where target material production and coordinate mensuration are performed. Analysts must be certified and employ a certified mensuration process that includes imagery acquisition and management, use of a NGA-validated target coordinate mensuration tool, and product generation (CJCSI 3505.01D).

Section III**Special Abbreviations and Terms**

This section contains no entries

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