



**GEOINT Professional Certification**  
**GEOINT Collection: Proficiency Level II**  
**Essential Body of Knowledge (EBK)**  
**5 June 2019**



**Core Competency 1 - Collection Operations (19%)**

**Executes collection using appropriate collection strategies and within the priorities established through the collection management process.**

Terminal and Enabling Certification Objectives (TCOs & ECOs)

**TCO 1: Demonstrate knowledge of the GEOINT management process.**

ECO 1.1. Explain the GEOINT Tasking, Collection, Processing, Exploitation, and Dissemination (TCPED) process.

ECO 1.2. Demonstrate knowledge of GEOINT collection management, standards, and procedures.

**TCO 2: Demonstrate ability to modify activities according to changing conditions.**

ECO 2.1. Recognize when it's appropriate to adapt activities based on changing conditions.

ECO 2.2. Demonstrate the ability to adapt collection management activities to new information, changing conditions, unexpected obstacles, or system anomalies.

**Core Competency 2 - Collection Strategies and Development (17%)**

**Develops strategies in alignment with customers' priorities to leverage and to enhance the effectiveness and efficiency of collection resources and recommends collection approaches or processes.**

Terminal and Enabling Certification Objectives (TCOs & ECOs)

**TCO 3: Convert customer needs into an applicable collection strategy.**

ECO 3.1. Interpret customer needs into requirements and construct a collection strategy/plan on appropriate platforms.

ECO 3.2. Construct contingency plans for potential crises and determine the proper target type and priority to satisfy customer requirements.
ECO 3.3. Identify GEOINT sources to meet current and future mission requirements.
ECO 3.4. Prepare and manage effective and efficient integrated strategy by assessing current system capabilities to address information gaps.
ECO 3.5. Identify principles and rules of orbitology.
ECO 3.6. Demonstrate knowledge of GEOINT needs procedures.
<b>TCO 4: Demonstrate the ability to task and manage resources.</b>
ECO 4.1. Determine when and with whom to coordinate activities to avoid conflicts, meet established schedules, and achieve objectives.
ECO 4.2. Develop planning opportunities to satisfy customer needs.
ECO 4.3. Develop and task NSG GEOINT resource strategies to satisfy time dominant requirements.
ECO 4.4. Distinguish sensor configuration options when creating/reviewing multiple requirements.
<b>TCO 5: Understand how weather and environmental factors influence strategy development.</b>
ECO 5.1. Articulate how to leverage meteorological sources.
ECO 5.2. Understand meteorological phenomena and its effect on the sensors.
<b>TCO 6: Conduct assessments and construct optimization plan.</b>
ECO 6.1. Determine collection results and necessary collection plan modifications.
ECO 6.2. Utilize performance analysis tools to monitor, adjust, and analyze collection strategies to best meet customer needs.
ECO 6.3. Apply appropriate processes and procedures to ensure the overall quality of GEOINT requirements.

**Core Competency 3 - Customer Operations and Requirements (13%)**

**Applies knowledge of relevant customer organizations or operations (e.g., military, policy-makers, and law enforcement), including how to translate requirements to provide appropriate output or response to meet customer needs.**

Terminal and Enabling Certification Objectives (TCOs & ECOs)

**TCO 7: Describe effective interaction and engagement with customers.**

ECO 7.1. Summarize collaboration and coordination techniques that enable quick sensor reallocation.

ECO 7.2. Discuss and collaborate virtually with the NSG and international partners.

ECO 7.3. Explain dissemination tactics that provide real-time situational awareness and intelligence information to customers.

**TCO 8: Demonstrate ability to advise and consult based upon customer needs.**

ECO 8.1. Apply technical information and ideas that comply with NGA security regulations.

ECO 8.2. Distinguish valid customer requirements while managing customer expectations.

ECO 8.3. Advise customers of available/relevant information to include the use of tools.

ECO 8.4. Explain GEOINT procedures, technologies, and policies to support customers.

**Core Competency 4 - Collection System Capabilities (18%)**

**Gains and applies knowledge of capabilities, limitations, and accesses of the intelligence source disciplines, strengths and weaknesses of specific technical sensors/platforms, and human sources in area of responsibility. Knowledge of Intelligence Community (IC) collection management processes, systems, and tools. Demonstrates knowledge of collection strategies, targeting, assessment and methodology, feedback and source validation/vetting processes.**

Terminal and Enabling Certification Objectives (TCOs & ECOs)

**TCO 9: Demonstrate understanding of system capabilities and limitations.**

ECO 9.1. Articulate potential changes and impacts to collection, exploitation, production, and dissemination.

ECO 9.2. Translate impacts of system health and status on collection to customers.

**TCO 10: Summarize future collection capabilities.**

ECO 10.1. Explain how new GEOINT sources are integrated.

**Core Competency 5 - Intelligence Topics (9%)**

**Demonstrates current knowledge of, and prior experience in, one or more National Intelligence Priority Framework (NIPF), OPIR Joint Priority Framework (JOPF) topics, and other Director of National Intelligence (DNI)-identified topics.**

Terminal and Enabling Certification Objectives (TCOs & ECOs)

**TCO 11: Demonstrate ability to align collection management work with Intelligence Community (IC) collection priorities.**

ECO 11.1. Apply NIPF and/or JOPF priorities to collection opportunities to develop effective and efficient GEOINT strategies.

ECO 11.2. Prioritize work requirements based on NIPF and JOPF intelligence issues.

ECO 11.3. Understand how the types of NIPF and JOPF intelligence issues define the parameters of requirements.

**Core Competency 6 - Policy and Throughput (8%)**

**Understands policies, capabilities and limitations of throughput, information processing, and exploitation techniques.**

Terminal and Enabling Certification Objectives (TCOs & ECOs)

**TCO 12: Apply current standards and policy.**

ECO 12.1. Identify regulations, guidelines, laws, policies, and directives that belong to each area of expertise.

ECO 12.2. Identify when work needs to be adjusted to realign objectives with agency processes, procedures, and goals.

ECO 12.3. Interpret procedures on maintaining and handling sensitive and classified information.

ECO 12.4. Discuss commercial limitations for tasking.

ECO 12.5. Recognize the need to modify processes and procedures to reflect evolving customer requirements, technology changes, and resource constraints.

ECO 12.6. Understand Standard Operating Procedures (SOPs), policies, and instructions.

ECO 12.7. Apply criteria established in the Proper Use Memorandum (PUM)/Letter of Consent and outline how to complete an annual review of PUMs.

ECO 12.8. Determine proper classifications of products to be disseminated.

**TCO 13: Describe throughput and dissemination processes.**

ECO 13.1. Identify alternative dissemination methods for multiple GEOINT sources.

ECO 13.2. Recognize system generated error messages associated with dissemination requests.

ECO 13.3. Describe how to create or modify traditional and non-traditional dissemination requirements that cannot be automatically generated to meet customer/partner needs.

ECO 13.4. Describe how to ensure dissemination is responsive to customer needs and accomplished within established time and security constraints.

**TCO 14: Differentiate multiple levels of partner engagement.**

ECO 14.1. Understand the NSG's role with international partners.

**Core Competency 7 - Tools and Methods (16%)**

**Applies tools and methods to substantive discipline, domain, or area of work. Adapts existing tools and/or methods or employs new methodological approaches required for substantive discipline, domain, or area of work.**

Terminal and Enabling Certification Objectives (TCOs & ECOs)

**TCO 15: Operate collection management tools and software.**

ECO 15.1. List collaborative tools that are frequently used for discovery and information sharing.

ECO 15.2. Determine the appropriate tools/systems required to perform collection management functions.

ECO 15.3. Establish, validate, and maintain requirements in GEOINT databases, ensuring data integrity, accuracy, and currency.