

**GPC-GC II**

Essential Body of Work & Knowledge (EBW/EBK)  
 GEOINT Professional Certification - GEOINT Collection: Proficiency Level II  
 8 February 2017 (current version can be found at <http://gpc.nga.ic.gov>)



**Core Competency 1 - Collection Operations (15%)**

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

**Terminal and Enabling Certification Objectives (TCOs & ECOs)**

|            |   |
|------------|---|
| <b>TCO</b> | <b>TCO 1: Develop and update Geospatial Intelligence (GEOINT) requirements to satisfy customer needs.</b>   |
| ECO        | ECO 1.1. Interpret customer needs into requirements and generate requirements on appropriate systems.   |
| ECO        | ECO 1.2. Populate databases, spreadsheets, and other softcopy files with information.   |
| <b>TCO</b> | <b>TCO 2: Describe the operations management process.</b>   |
| ECO        | ECO 2.1. Describe geospatial, imagery, and/or intelligence sources to meet current and future mission requirements.   |
| <b>TCO</b> | <b>TCO 3: Demonstrate ability to modify operations according to changing conditions.</b>  |
| ECO        | ECO 3.1. Recognize conditions when it's appropriate to adapt activities and discuss techniques of how to respond to short-term tactical or time dominant requirements.                                    |
| ECO        | ECO 3.2. Summarize techniques on how to adapt collection management activities to new information, changing conditions, or unexpected obstacles.  |
| ECO        | ECO 3.3. Determine circumstances for changes and impact to operations.  |
| ECO        | ECO 3.4. Describe how to respond to system anomalies by tasking alternate resources.  |
| <b>TCO</b> | <b>TCO 4: Recognize and explain when to conduct performance analysis.</b>   |
| ECO        | ECO 4.1. Determine trends and patterns in imagery-derived data to investigate requirements, system capabilities, and collection data to optimize system utilization and satisfy customer requests.        |
| ECO        | ECO 4.2. Demonstrate the ability to generate status reports on collection.  |
| ECO        | ECO 4.3. Identify and use principles, rules, and relationships to construct arguments or interpret facts, data, or other information to understand the potential implications of findings or conclusions. |

**GPC-GC II**

Essential Body of Work & Knowledge (EBW/EBK)  
 GEOINT Professional Certification - GEOINT Collection: Proficiency Level II  
 8 February 2017 (current version can be found at <http://gpc.nga.ic.gov>)



|   |  |
|---|--|
| <b>TCO</b>  | <b>TCO 5: Perform analysis and validation functions to ensure accurate strategy development.</b>   |
| <b>ECO</b>  | ECO 5.1. Construct and implement plans that are consistent with the long-term interests of the organization and the National System for Geospatial-Intelligence (NSG). |
|   | ECO 5.2. Apply appropriate processes and procedures to ensure the overall quality of GEOINT information, intelligence, and data.                                       |
|   | ECO 5.3. Interpret data and information to develop and manage collection strategies.   |
|   | ECO 5.4. Establish, validate, and maintain GEOINT databases, ensuring data integrity, accuracy, and currency.  |
| <p><b>Core Competency 2 - Collection Strategies and Development (15%)</b><br/>                 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.</p> |  |
| <b>Terminal and Enabling Certification Objectives (TCOs &amp; ECOs)</b>   |  |
| <b>TCO</b>  | <b>TCO 6: Convert customer needs into an applicable collection strategy.</b>   |
| <b>ECO</b>  | ECO 6.1. Interpret customer needs into requirements and construct a collection strategy/plan on appropriate platforms.   |
|   | ECO 6.2. Construct contingency plans for potential crises and determine the proper target type and priority to satisfy customer requirements.                          |
|   | ECO 6.3. Plan, execute, and analyze customer needs based on emerging resource capabilities.  |
| <b>TCO</b>  | <b>TCO 7: Discuss critical thinking and problem solving techniques.</b>  |
| <b>ECO</b>  | ECO 7.1. Understand principles, rules, and relationships to interpret facts, data, or other information to recognize the implications of findings or conclusions.      |
|   | ECO 7.2. Identify collection opportunities, based on current events, to develop effective and efficient GEOINT strategies.   |
|   | ECO 7.3. Explain how to incorporate new collection strategies using performance analysis results.  |
|   | ECO 7.4. Recognize when to develop alternative-source collection strategies to address information gaps.   |
| <b>TCO</b>  | <b>TCO 8: Demonstrate the ability to task and manage resources.</b>  |
| <b>ECO</b>  | ECO 8.1. Determine when and with whom to coordinate activities to avoid conflicts, meet established schedules, and achieve objectives.                                 |
|   | ECO 8.2. Prepare and implement analytical or production methods and techniques in response to changes in priorities, resources, developments, and other factors.       |
|   | ECO 8.3. Develop planning opportunities to satisfy customer needs.   |
|   | ECO 8.4. Develop and task NSG GEOINT resource strategies to satisfy time dominant requirements.  |
|   | ECO 8.5. Interpret customer needs into requirements and construct a collection strategy/plan on appropriate platforms.   |
|   | ECO 8.6. Construct and implement plans that are consistent with the long-term interests of the organization and the NSG.   |

**GPC-GC II**

Essential Body of Work & Knowledge (EBW/EBK)  
 GEOINT Professional Certification - GEOINT Collection: Proficiency Level II  
 8 February 2017 (current version can be found at <http://gpc.nga.ic.gov>)



|  |   |
|--|---|
| <b>TCO</b>   | <b>TCO 9: Recognize how weather and environmental factors influence strategy development.</b>   |
| <b>ECO</b>   | ECO 9.1. Articulate how to leverage meteorological expertise.   |
| <b>TCO</b>   | <b>TCO 10: Conduct assessments and construct optimization plan.</b>   |
| <b>ECO</b>   | ECO 10.1. Determine collection results and modify collection plan based on desired outcome and lessons learned.   |
|  | ECO 10.2. Utilize performance analysis tools to monitor, adjust, and analyze collection strategies to best meet customer needs.   |
|  | ECO 10.3. Identify and use principles, rules, and relationships to interpret facts, data, or other information to understand the implications of findings or conclusions. |
|  | ECO 10.4. Construct and implement strategies that are consistent with interests of the organization and the NSG.  |
|  | ECO 10.5. Demonstrate knowledge of GEOINT imagery needs management, standards, and procedures.  |
|  | ECO 10.6. Present recommendations to improve collection methods and procedures.   |
|  | ECO 10.7. Develop new collection strategies to improve results.   |
|  | ECO 10.8. Determine appropriate collection methods to answer analytic/production gaps.  |
| <p><b>Core Competency 3 - Customer Operations and Requirements (13%)</b><br/>                 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.</p> |   |
| <p><b>Terminal and Enabling Certification Objectives (TCOs &amp; ECOs)</b></p>   |   |
| <b>TCO</b>   | <b>TCO 11: Describe effective interaction and engagement with customers.</b>  |
| <b>ECO</b>   | ECO 11.1. Paraphrase customer understanding, interests and concerns, which allows assessment and customer insight.  |
|  | ECO 11.2. Recognize methods of information sharing that promote mutual understanding.   |
|  | ECO 11.3. Summarize ways to develop professional relationships that foster cooperation and information exchange.  |
|  | ECO 11.4. Discuss information with Intelligence Community (IC) components.  |
|  | ECO 11.5. Describe new collection capabilities.   |
|  | ECO 11.6. Distinguish valid customer requirements while managing customer expectations.   |
|  | ECO 11.7. Advise customers of available/relevant information.   |
|  | ECO 11.8. Summarize collaboration and coordination techniques that enable quick sensor reallocation.  |
|  | ECO 11.9. Discuss and collaborate virtually with the NSG.   |
|  | ECO 11.10. Explain dissemination tactics that provide real-time situational awareness and intelligence information to customers.  |
|  | ECO 11.11. Interpret customer need based upon customer interaction.   |

**GPC-GC II**

Essential Body of Work & Knowledge (EBW/EBK)  
 GEOINT Professional Certification - GEOINT Collection: Proficiency Level II  
 8 February 2017 (current version can be found at <http://gpc.nga.ic.gov>)



|   |   |
|---|---|
| <b>TCO</b>  | <b>TCO 12: Identify and summarize basic conflict resolution techniques.</b>   |
| <b>ECO</b>  | ECO 12.1. Describe appropriate processes and procedures for submission of Discrepancy Reports (DRs) and Problem Reports (PRs).  |
| <b>TCO</b>  | <b>TCO 13: Demonstrate ability to advise and consult based upon customer needs.</b>   |
| <b>ECO</b>  | ECO 13.1. Apply experience and expertise on issues, procedures, technologies, and policies to customers to support ongoing work.  |
| <b>ECO</b>  | ECO 13.2. Present technical information and ideas that comply with National Geospatial-Intelligence Agency (NGA) security regulations.                                    |
| <b>TCO</b>  | <b>TCO 14: Determine and deliver appropriate level of education and training to customers.</b>  |
| <b>ECO</b>  | ECO 14.1. Explain GEOINT procedures, technologies, and policies to support customers.   |
| <b>ECO</b>  | ECO 14.2. Analyze issues, procedures, technologies, and policies to support customers.  |
| <p><b>Core Competency 4 - Collection System Capabilities (15%)</b><br/>                 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 IC collection management processes, systems and tools. Demonstrates knowledge of collection strategies, targeting, assessment and methodology, feedback and source validation/vetting processes.</p> |   |
| <p><b>Terminal and Enabling Certification Objectives (TCOs &amp; ECOs)</b></p>  |   |
| <b>TCO</b>  | <b>TCO 15: Interpret information to ensure best practices are maintained.</b>   |
| <b>ECO</b>  | ECO 15.1. Identify and use principles, rules, and relationships to interpret facts, data, or other information to understand the implications of findings or conclusions. |
| <b>ECO</b>  | ECO 15.2. Recognize the need for continual learning by referencing reports, specifications, manuals, instructions, and newspapers for professional development.           |
| <b>ECO</b>  | ECO 15.3. Recognize the need to manage GEOINT resources to ensure efficiency and appropriate taskings.  |
| <b>TCO</b>  | <b>TCO 16: Demonstrate understanding of system capabilities and limitations.</b>  |
| <b>ECO</b>  | ECO 16.1. Prepare the most effective and efficient integrated strategy by assessing current and future system capabilities to address information gaps.                   |
| <b>ECO</b>  | ECO 16.2. Discover operational or system shortfalls and determine recommendations to resolve any issues.  |
| <b>ECO</b>  | ECO 16.3. Articulate potential changes and impacts to collection, exploitation, production, and dissemination.  |
| <b>ECO</b>  | ECO 16.4. Translate impacts of system health and status on collection to customers.   |

**GPC-GC II**

Essential Body of Work & Knowledge (EBW/EBK)  
 GEOINT Professional Certification - GEOINT Collection: Proficiency Level II  
 8 February 2017 (current version can be found at <http://gpc.nga.ic.gov>)



|  |   |
|--|---|
| <b>TCO</b>   | <b>TCO 17: Summarize future collection capabilities.</b>  |
| <b>ECO</b>   | ECO 17.1. Explain how to integrate new and emerging sources.  |
| <b>ECO</b>   | ECO 17.2. Distinguish sensor configuration options when creating/reviewing multiple requirements.   |
| <p><b>Core Competency 5 - Intelligence Topics (13%)</b><br/>                 Demonstrates current knowledge of, and prior experience in, one or more National Intelligence Priority Framework (NIPF) topics and other Director of National Intelligence (DNI)-identified topics.</p> |   |
| <p><b>Terminal and Enabling Certification Objectives (TCOs &amp; ECOs)</b></p>   |   |
| <b>TCO</b>   | <b>TCO 18: Demonstrate ability to align collection management work with IC collection priorities.</b>   |
| <b>ECO</b>   | ECO 18.1. Apply NIPF priorities to collection opportunities to develop effective and efficient GEOINT strategies.   |
| <b>ECO</b>   | ECO 18.2. Prioritize work requirements based on intelligence issues.  |
| <b>ECO</b>   | ECO 18.3. Demonstrate knowledge of the GEOINT imagery needs management, standards, and procedures.  |
| <p><b>Core Competency 6 - Policy and Throughput (15%)</b><br/>                 Understands policies, capabilities and limitations of throughput, information processing, and exploitation techniques.</p>  |   |
| <p><b>Terminal and Enabling Certification Objectives (TCOs &amp; ECOs)</b></p>   |   |
| <b>TCO</b>   | <b>TCO 19: Recognize and interpret current standards and policy.</b>  |
| <b>ECO</b>   | ECO 19.1. Identify regulations, guidelines, laws, policies, and directives that belong to each area of expertise.   |
| <b>ECO</b>   | ECO 19.2. Identify when work needs to be adjusted to realign objectives with agency processes, procedures, and goals.   |
| <b>ECO</b>   | ECO 19.3. Summarize how disclosure and release policies are pertinent to data.  |
| <b>ECO</b>   | ECO 19.4. Demonstrate how to prepare and edit documents in accordance with agency policy.   |
| <b>ECO</b>   | ECO 19.5. Outline procedures on maintaining and handling sensitive and classified information.  |
| <b>ECO</b>   | ECO 19.6. Discuss contract limitations for tasking.   |
| <b>ECO</b>   | ECO 19.7. Recognize the need to modify processes and procedures to reflect evolving customer requirements, technology changes, and resource constraints.  |
| <b>ECO</b>   | ECO 19.8. Identify the need to review currency of Standard Operating Procedures (SOPs) with current compliance and standards.   |
| <b>ECO</b>   | ECO 19.9. Understand the importance of SOPs, policies and instructions.   |
| <b>ECO</b>   | ECO 19.10. Distinguish partner/customer requests with criteria established in the Proper Use Memorandum (PUM)/Limited Expansion Agreement and outline how to complete an annual review of PUMs. |

**GPC-GC II**

Essential Body of Work & Knowledge (EBW/EBK)  
 GEOINT Professional Certification - GEOINT Collection: Proficiency Level II  
 8 February 2017 (current version can be found at <http://gpc.nga.ic.gov>)



|  |  |
|--|--|
| <b>TCO</b>   | <b>TCO 20: Recognize and describe the multiple throughput and dissemination processes.</b>   |
| <b>ECO</b>   | ECO 20.1. Identify alternative dissemination methods for multiple GEOINT sources and demonstrate how to ensure dissemination is responsive to customer needs and accomplished within established time and security constraints.          |
|  | ECO 20.2. Recognize system generated error messages associated with dissemination requests and identify when to coordinate with Source Strategy Analysts (SSAs) to address dissemination issues (e.g., address classification issues).   |
|  | ECO 20.3. Outline how to evaluate materials and new sources to determine validity in meeting library collection requirements, and identify materials for deselection in order to manage accessible and cost-effective library resources. |
|  | ECO 20.4. Describe how to create or modify traditional and non-traditional dissemination requirements that cannot be automatically generated to meet customer/partner needs.   |
| <b>TCO</b>   | <b>TCO 21: Associate and distinguish multiple levels of partner engagement.</b>  |
| <b>ECO</b>   | ECO 21.1. Represent the NSG or NGA position with international partners.   |
|  | ECO 21.2. Summarize how to evaluate if information can be disclosed to partners and customers based on agreements and mission requirements.  |
|  | ECO 21.3. Discuss when and for what reason NGA would want to establish a formal agreement with a partner nation and/or customer.   |
| <p><b>Core Competency 7 - Tools and Methods (14%)</b><br/>                 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.</p> |  |
| <p><b>Terminal and Enabling Certification Objectives (TCOs &amp; ECOs)</b></p>   |  |
| <b>TCO</b>   | <b>TCO 22: Operate collection management tools and software.</b>   |
| <b>ECO</b>   | ECO 22.1. List collection collaborative tools and opportunities that are frequently used for information sharing.  |
|  | ECO 22.2. Distinguish the different equipment and materials to complete GEOINT collection tasks.   |
|  | ECO 22.3. Describe the different methods of disseminating weather related data that could be easily accessed by analysts.  |
|  | ECO 22.4. Evaluate potential new processes and improvements of dissemination systems, products, and services.  |
|  | ECO 22.5. Determine the appropriate tools/systems required to perform collection management functions.   |
|  | ECO 22.6. Develop and maintain custody of new materials and accounts within the GEOINT libraries.  |
|  | ECO 22.7. Determine applications necessary to ensure accurate dissemination of collection products.  |
|  | ECO 22.8. List available multimedia tools to communicate information to the NSG.   |

|                  |   |   |   |
|------------------|---|---|---|
| <b>GPC-GC II</b> |   | Essential Body of Work & Knowledge (EBW/EBK)<br>GEOINT Professional Certification - GEOINT Collection: Proficiency Level II<br>8 February 2017 (current version can be found at <a href="http://gpc.nga.ic.gov">http://gpc.nga.ic.gov</a> ) |  |
| <b>TCO</b>       | <b>TCO 23: Discuss analysis and recognize techniques that lead to process improvement.</b>  |   |   |
| ECO              | ECO 23.1. Compare new and old applications/processes to improve work flow.<br>ECO 23.2. Summarize new methodologies to improve the processes and programs required by the NSG to produce intelligence products.<br>ECO 23.3. Describe operational or system strengths and weaknesses and determine recommendations to resolve any issues.<br>ECO 23.4. Identify plans that are consistent with the long-term interests of the organization and the NSG. |   |   |