CHAPTER 20

CRYPTOLOGIC TECHNICIAN (INTERPRETIVE)
(CTI)

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CRYPTOLOGIC TECHNICIAN (INTERPRETIVE) (CTI)

NAVY ENLISTED OCCUPATIONAL STANDARD

FOR

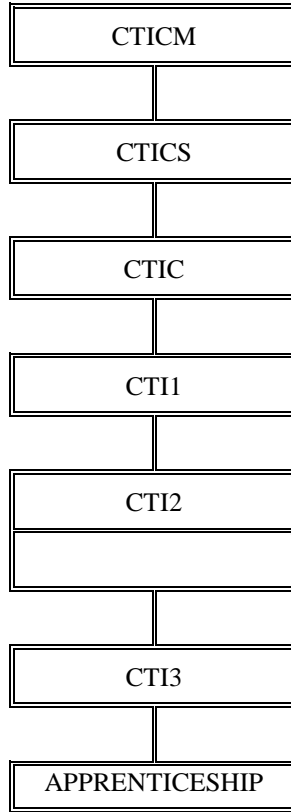CRYPTOLOGIC TECHNICIAN (INTERPRETIVE) (CTI)

SCOPE OF RATING

Cryptologic Technicians (Interpretive) (CTI) utilize foreign language skills, regional and cultural expertise, and advanced computer systems in support of strategic, tactical and cyber information operations; collect, process, exploit analyze and report foreign language communications, digital network information, and Signals Of Interest (SOI) to identify, locate and monitor worldwide threats; transcribe, translate and interpret foreign language materials; manage foreign language programs; provide cultural and regional guidance in support of National, Joint, Fleet (special operations, air, surface and subsurface) and multi-national consumers and decision makers; and control and safeguard access to classified material and information systems.

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This Occupational Standard is to be incorporated in Volume I, Part B, of the Manual of Navy Enlisted Manpower and Personnel Classifications and Occupational Standards (NAVPERS 18068E) as Chapter 20.

GENERAL INFORMATION

CAREER PATTERN

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│       CTICM         │
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│       CTICS         │
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│       CTI1          │
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│       CTI2          │
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└─────────────────────┘
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│       CTI3          │
├─────────────────────┤
│    APPRENTICESHIP   │
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Normal path of advancement to Chief Warrant Officer and Limited Duty Officer categories can be found in OPNAVINST 1420.1.

For rating entry requirements, refer to MILPERSMAN 1306-618.

Defense Language Proficiency Test (DLPT) Requirements. All candidates competing for paygrades E-4 (CTI3) through E-9 (CTICM) must achieve a current DLPT score of L2/R2 in the language that reflects their primary duty as determined by the member's commanding officer. Minimum proficiency of L2/R2 must be attained in order to be eligible for the next higher paygrade

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SAFETY

The observance of Operational Risk Management (ORM) and proper safety precautions in all areas is an integral part of each billet and the responsibility of every Sailor; therefore, it is a universal requirement for all ratings.

Job Title			Job Code

Strategic Language Analyst Operator

Job Code

001022

Job Family	**NOC**	**Short Title (30 Characters)**	**Short Title (14 Characters)**
Arts, Design, Entertainment, Sports, and Media	TBD	STRAT LANG ANALYST OPERATOR	STRAT LANG OPR

Pay Plan	**Career Field**	**Other Relationships and Rules**
Enlisted	CTI	NEC CXXX Series and other NECs as assigned

Job Description

Strategic Language Analyst Operators utilize signals collection, systems, to identify, collect and geolocate target communications; gist, translate, transcribe, summarize, analyze, and provide Quality Assurance (QA) on target foreign language communications; supervise collection management operations; coordinate collection, analysis, processing and reporting of target foreign language communications; analyze target communications infrastructure; advise leadership on cultural and regional factors that impact mission operations; draft Signals Intelligence (SIGINT) reports; maintain cryptologic databases; and perform target development while protecting sensitive methods.

DoD Relationship

O*NET Relationship

Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Analysis	123200	Interpreters and Translators	27-3091.00	Arts, Design, Entertainment, Sports, and Media

Skills	**Abilities**
Critical Thinking	*Information Ordering*
Judgment and Decision Making	*Deductive Reasoning*
Active Learning	*Inductive Reasoning*
Operations Analysis	*Written Expression*
Reading Comprehension	*Memorization*
Writing	*Speed of Closure*
Coordination	*Category Flexibility*
Complex Problem Solving	*Problem Sensitivity*
Management of Material Resources	*Flexibility of Closure*
Quality Control Analysis	*Perceptual Speed*

COLLECTION OPERATIONS

Paygrade	**Task Type**	**Task Statements**
E5	CORE	Assess collection gaps
E4	CORE	Configure collections systems (e.g., Radio Frequency (RF), metadata, etc.)
E4	CORE	Construct logical queries (e.g., boolean, structured, etc.)
E6	CORE	Coordinate cryptologic missions
E6	CORE	Coordinate geolocation and direction finding operations
E4	CORE	Evaluate Signals Of Interest (SOI)
E5	NON-CORE	Generate Request For Information (RFI)
E4	CORE	Identify collection gaps
E7	CORE	Manage Distributed Signals Intelligence (SIGINT) Operations (DSO)
E5	CORE	Manage selector taskings
E4	CORE	Perform Distributed Signals Intelligence (SIGINT) Operations (DSO)
E6	CORE	Process collection requirements (i.e., Collection Requirement Number (CRN) development)
E6	CORE	Provide corrective actions for collection anomalies
E4	CORE	Report collection anomalies
E4	CORE	Submit selectors for tasking

COLLECTION OPERATIONS (CONT'D)

Paygrade	Task Type	Task Statements
E6	CORE	Supervise cryptologic missions
E6	CORE	Support Cryptologic Coverage Plans (CCP)
E5	NON-CORE	Support Unmanned Aerial Systems (UAS) operations

INTELLIGENCE DISSEMINATION AND REPORTING

Paygrade	Task Type	Task Statements
E4	CORE	Annotate special dissemination controls
E4	CORE	Brief intelligence information
E4	CORE	Collaborate with other analysts on technical information
E4	CORE	Communicate Critical Intelligence Communications (CRITIC) information
E6	CORE	Coordinate special dissemination controls
E4	CORE	Distribute time-sensitive alerts
E6	CORE	Draft Critical Intelligence Communications (CRITIC) messages
E4	CORE	Draft Signals Intelligence (SIGINT) reports
E4	CORE	Draft time-sensitive reports
E4	CORE	Identify information flow within the intelligence cycle
E4	CORE	Identify reporting criteria
E6	CORE	Manage Signals Intelligence (SIGINT) reporting
E5	CORE	Perform Quality Assurance (QA) of language-related content in reports
E5	NON-CORE	Perform Quality Assurance (QA) of SIGINT reports
E4	CORE	Provide Indications and Warnings (I&W)
E5	NON-CORE	Provide input to cyberspace operations intelligence products (e.g., threat assessments, briefings, intelligence studies, etc.)
E4	CORE	Report Essential Elements of Information (EEI)
E4	CORE	Report potential threats
E6	NON-CORE	Submit priority recommendations to support Commanders Critical Information Requirements (CCIR)
E7	CORE	Supervise Critical Intelligence Communications (CRITIC) reporting programs
E4	CORE	Support Request For Information (RFI) responses

LANGUAGE ANALYSIS AND PROCESSING

Paygrade	Task Type	Task Statements
E5	CORE	Advise on cultural and regional factors that impact mission operations
E5	NON-CORE	Develop language instructional materials
E4	CORE	Employ language processing tools
E4	CORE	Identify fundamental concepts related to human language technologies
E5	CORE	Perform Quality Assurance (QA) of Interagency Language Roundtable (ILR) Level 2 language products
E6	CORE	Perform Quality Assurance (QA) of Interagency Language Roundtable (ILR) Level 2+ language products
E7	CORE	Perform Quality Assurance (QA) of Interagency Language Roundtable (ILR) Level 3 language products

Paygrade	Task Type	Task Statements
E5	CORE	Prioritize data for processing
E4	CORE	Process Interagency Language Roundtable (ILR) Level 2 target language material
E5	CORE	Process Interagency Language Roundtable (ILR) Level 2+ target language material
E6	CORE	Process Interagency Language Roundtable (ILR) Level 3 target language material
E6	NON-CORE	Provide global language instruction
E4	CORE	Provide near real-time/real-time language analysis
E4	CORE	Provide technical language input to mission planning (e.g., cyber, tactical, strategic, etc.)
E6	CORE	Provide technical language instruction
E4	CORE	Report non-target languages or dialects

SECURITY AND ADMINISTRATION

Paygrade	Task Type	Task Statements
E5	NON-CORE	Conduct Cryptologic Readiness Training Team (CRTT) drills
E4	CORE	Control access to restricted areas
E5	CORE	Coordinate language skill maintenance
E7	CORE	Direct resources to meet mission requirements
E7	NON-CORE	Draft policies and procedures in support of Signals Intelligence (SIGINT) operations
E4	CORE	Identify basic information about the US Signals Intelligence (SIGINT) system
E4	CORE	Identify Information Assurance (IA) fundamentals
E4	CORE	Identify Information Security (INFOSEC) fundamentals
E4	CORE	Identify Intelligence Oversight (IO) fundamentals
E4	CORE	Identify provisions of the Foreign Intelligence Surveillance Act (FISA)
E4	CORE	Identify provisions of the U.S. Signals Intelligence Directives (USSIDs)
E4	CORE	Identify roles, relationships and responsibilities of elements of the Intelligence Community (IC)
E7	CORE	Implement Emergency Destruction Plan (EDP)
E7	NON-CORE	Manage Cryptologic Readiness Training Team (CRTT)
E6	NON-CORE	Manage language training requirements
E4	CORE	Protect Sensitive Compartmented Information (SCI) material
E4	CORE	Transport Sensitive Compartmented Information (SCI) material

TARGET DEVELOPMENT AND EXPLOITATION

Paygrade	Task Type	Task Statements
E4	CORE	Access target technical information (e.g., technical kits, databases, working aids, etc.)
E5	CORE	Analyze communication networks
E5	CORE	Analyze communication systems characteristics
E4	CORE	Analyze content
E4	CORE	Analyze metadata
E5	CORE	Analyze target critical capabilities and vulnerabilities
E5	CORE	Analyze target tactics and methodologies (e.g., Tactics, Techniques, and Procedures (TTP), etc.)
E5	CORE	Analyze threat capabilities
E5	NON-CORE	Assess Information Operations (IO) effects
E4	CORE	Determine communication network topography (e.g., hierarchy, base station, out station, etc.)
E6	CORE	Determine intelligence gaps
E4	CORE	Determine location using geographic coordinates (e.g., Military Grid Reference System (MGRS), World Geographic Reference (GEOREF), etc.)
E6	NON-CORE	Develop target packages
E5	CORE	Develop target specific working aids
E5	NON-CORE	Develop target templates
E5	NON-CORE	Develop tools for analysis
E4	CORE	Evaluate target data using software-based analysis tools
E4	CORE	Identify collection sources and techniques
E4	CORE	Identify communication systems characteristics
E4	CORE	Identify digital network communications characteristics
E5	CORE	Identify regional and cultural factors that influence target development
E4	CORE	Identify signals fundamentals and radio wave theory
E4	CORE	Identify target capabilities
E4	CORE	Identify target tactics and methodologies (e.g., Tactics, Techniques, and Procedures (TTP), etc.)
E4	CORE	Identify telephony characteristics
E6	NON-CORE	Integrate targeting efforts with other organizations and combatant commands
E5	NON-CORE	Maintain Common Operational Picture (COP)
E4	CORE	Maintain target templates
E5	CORE	Maintain technical databases
E4	CORE	Map communication networks
E4	NON-CORE	Monitor Common Operational Picture (COP)
E5	CORE	Perform fusion analysis

TARGET DEVELOPMENT AND EXPLOITATION (CONT'D)

Paygrade	Task Type	Task Statements
E4	CORE	Perform geolocation and direction finding
E5	CORE	Perform Signals Development (SIGDEV)
E4	NON-CORE	Perform Signals Intelligence (SIGINT) Geospatial Analysis (SGA)
E5	CORE	Perform target development
E5	CORE	Perform trend/pattern of life analysis
E6	NON-CORE	Provide input to Intelligence Gain/Loss (IGL) assessments
E5	NON-CORE	Provide input to Signals Intelligence (SIGINT) support packages
E4	CORE	Provide intelligence support to operations
E5	NON-CORE	Provide target nomination recommendations
E5	CORE	Report input to battlespace environment evaluations
E4	CORE	Select software-based analysis tools
E6	CORE	Supervise target activity analysis
E4	CORE	Update technical databases
E5	CORE	Validate intelligence sources
E7	NON-CORE	Validate Signals Intelligence (SIGINT) support packages
E7	NON-CORE	Validate target packages

Job Title			Job Code
Tactical Language Analyst Operator			**001027**

Job Family	NOC	Short Title (30 Characters)	Short Title (14 Characters)
Arts, Design, Entertainment, Sports, and Media	TBD	TAC LANGUAGE ANALYST OPERATOR	TAC LANG OPR

Pay Plan	Career Field	Other Relationships and Rules
Enlisted	CTI	NEC CXXX Series and other NECs as assigned

Job Description

Tactical Language Analyst Operators utilize and supervise the use of signals collection equipment and systems, to provide Indications and Warning (I&W) support to Fleet and Combatant Commanders; collect, analyze, identify and geolocate target communications and infrastructure; gist, translate, transcribe, summarize and report on target foreign language communications; provide Quality Assurance (QA) on information products; advise leadership on cultural and regional factors which impact mission operations; and perform target development while protecting sensitive methods and sources.

DoD Relationship   **O*NET Relationship**

Group Title	DoD Code	Occupation Title	SOC Code	Job Family
Analysis	123200	Interpreters and Translators	27-3091.00	Arts, Design, Entertainment, Sports, and Media

Skills	Abilities
Critical Thinking	Information Ordering
Judgment and Decision Making	Deductive Reasoning
Operations Analysis	Inductive Reasoning
Active Learning	Speed of Closure
Reading Comprehension	Written Expression
Writing	Memorization
Coordination	Category Flexibility
Complex Problem Solving	Problem Sensitivity
Management of Material Resources	Flexibility of Closure
Quality Control Analysis	Perceptual Speed

COLLECTION OPERATIONS

Paygrade	Task Type	Task Statements
E5	CORE	Assess collection gaps
E4	CORE	Construct logical queries (e.g., boolean, structured, etc.)
E6	CORE	Coordinate cryptologic missions
E6	CORE	Coordinate geolocation and direction finding operations
E4	CORE	Evaluate Signals Of Interest (SOI)
E5	NON-CORE	Generate Request For Information (RFI)
E4	CORE	Identify collection gaps
E5	CORE	Manage selector taskings
E5	CORE	Perform survey operations
E6	CORE	Process collection requirements (i.e., Collection Requirement Number (CRN) development)
E6	CORE	Provide corrective actions for collection anomalies
E4	CORE	Report collection anomalies
E4	CORE	Submit selectors for tasking
E6	CORE	Supervise cryptologic missions

INTELLIGENCE DISSEMINATION AND REPORTING

Paygrade	Task Type	Task Statements
E4	CORE	Annotate special dissemination controls
E4	CORE	Brief intelligence information
E4	CORE	Collaborate with other analysts on technical information
E4	CORE	Communicate Critical Intelligence Communications (CRITIC) information
E6	CORE	Coordinate special dissemination controls
E4	CORE	Distribute time-sensitive alerts
E6	CORE	Draft Critical Intelligence Communications (CRITIC) messages
E5	NON-CORE	Draft post-mission products
E4	CORE	Draft Signals Intelligence (SIGINT) reports
E4	CORE	Identify information flow within the intelligence cycle
E4	CORE	Identify reporting criteria
E6	CORE	Manage Signals Intelligence (SIGINT) reporting
E5	CORE	Perform Quality Assurance (QA) of language-related content in reports
E5	NON-CORE	Perform Quality Assurance (QA) of SIGINT reports
E4	CORE	Provide Indications and Warnings (I&W)
E5	NON-CORE	Provide input to cyberspace operations intelligence products (e.g., threat assessments, briefings, intelligence studies, etc.)
E4	CORE	Report Essential Elements of Information (EEI)
E4	CORE	Report potential threats
E6	NON-CORE	Submit priority recommendations to support Commanders Critical Information Requirements (CCIR)
E7	CORE	Supervise Critical Intelligence Communications (CRITIC) reporting programs
E4	CORE	Support Request For Information (RFI) responses

LANGUAGE ANALYSIS AND PROCESSING

Paygrade	Task Type	Task Statements
E5	CORE	Advise on cultural and regional factors that impact mission operations
E5	NON-CORE	Develop language instructional materials
E4	CORE	Employ language processing tools
E4	CORE	Identify fundamental concepts related to human language technologies
E5	CORE	Perform Quality Assurance (QA) of Interagency Language Roundtable (ILR) Level 2 language products
E6	CORE	Perform Quality Assurance (QA) of Interagency Language Roundtable (ILR) Level 2+ language products
E7	CORE	Perform Quality Assurance (QA) of Interagency Language Roundtable (ILR) Level 3 language products
E5	CORE	Prioritize data for processing
E4	CORE	Process Interagency Language Roundtable (ILR) Level 2 target language material
E5	CORE	Process Interagency Language Roundtable (ILR) Level 2+ target language material
E6	CORE	Process Interagency Language Roundtable (ILR) Level 3 target language material

LANGUAGE ANALYSIS AND PROCESSING (CONT'D)

Paygrade	Task Type	Task Statements
E6	NON-CORE	Provide global language instruction
E4	CORE	Provide near real-time/real-time language analysis
E4	CORE	Provide technical language input to mission planning (e.g., cyber, tactical, strategic, etc.)
E6	CORE	Provide technical language instruction
E4	CORE	Report non-target languages or dialects

SECURITY AND ADMINISTRATION

Paygrade	Task Type	Task Statements
E5	NON-CORE	Conduct Cryptologic Readiness Training Team (CRTT) drills
E4	CORE	Control access to restricted areas
E5	CORE	Coordinate language skill maintenance
E7	CORE	Direct resources to meet mission requirements
E7	NON-CORE	Draft policies and procedures in support of Signals Intelligence (SIGINT) operations
E4	CORE	Identify basic information about the US Signals Intelligence (SIGINT) system
E4	CORE	Identify Information Assurance (IA) fundamentals
E4	CORE	Identify Information Security (INFOSEC) fundamentals
E4	CORE	Identify Intelligence Oversight (IO) fundamentals
E4	CORE	Identify provisions of the Foreign Intelligence Surveillance Act (FISA)
E4	CORE	Identify provisions of the U.S. Signals Intelligence Directives (USSIDs)
E4	CORE	Identify roles, relationships and responsibilities of elements of the Intelligence Community (IC)
E7	CORE	Implement Emergency Destruction Plan (EDP)
E7	NON-CORE	Manage Cryptologic Readiness Training Team (CRTT)
E6	NON-CORE	Manage language training requirements
E4	CORE	Protect Sensitive Compartmented Information (SCI) material
E4	CORE	Transport Sensitive Compartmented Information (SCI) material

TARGET DEVELOPMENT AND EXPLOITATION

Paygrade	Task Type	Task Statements
E4	CORE	Access target technical information (e.g., technical kits, databases, working aids, etc.)
E5	NON-CORE	Analyze Command, Control, Communications, Computers, Combat Systems, Intelligence, Surveillance, Reconnaissance, and Target (C5ISRT) networks for critical nodes
E5	CORE	Analyze communication networks
E5	CORE	Analyze communication systems characteristics
E4	CORE	Analyze content
E4	CORE	Analyze metadata
E5	CORE	Analyze target critical capabilities and vulnerabilities
E5	CORE	Analyze target tactics and methodologies (e.g., Tactics, Techniques, and Procedures (TTP), etc.)
E5	CORE	Analyze threat capabilities
E5	NON-CORE	Assess Information Operations (IO) effects
E5	NON-CORE	Conduct Intelligence Preparation of the Operating Environment (IPOE)
E6	NON-CORE	Determine capabilities of cyber assets relevant to specific target area
E4	CORE	Determine communication network topography (e.g., hierarchy, base station, out station, etc.)
E6	CORE	Determine intelligence gaps
E4	CORE	Determine location using geographic coordinates (e.g., Military Grid Reference System (MGRS), World Geographic Reference (GEOREF), etc.)
E5	NON-CORE	Determine software and hardware vulnerabilities
E6	NON-CORE	Develop target packages
E5	CORE	Develop target specific working aids
E5	NON-CORE	Develop target templates
E4	CORE	Evaluate target data using software-based analysis tools
E4	CORE	Identify collection sources and techniques
E4	CORE	Identify communication systems characteristics
E5	NON-CORE	Identify computer programming concepts
E4	CORE	Identify digital network communications characteristics
E5	CORE	Identify regional and cultural factors that influence target development
E4	CORE	Identify signals fundamentals and radio wave theory
E4	CORE	Identify target capabilities
E4	CORE	Identify target tactics and methodologies (e.g., Tactics, Techniques, and Procedures (TTP), etc.)
E4	CORE	Identify telephony characteristics
E6	NON-CORE	Integrate targeting efforts with other organizations and combatant commands
E4	CORE	Maintain target templates

TARGET DEVELOPMENT AND EXPLOITATION (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Maintain technical databases
E4	CORE	Map communication networks
E5	CORE	Perform fusion analysis
E4	CORE	Perform geolocation and direction finding
E5	CORE	Perform Signals Development (SIGDEV)
E4	NON-CORE	Perform Signals Intelligence (SIGINT) Geospatial Analysis (SGA)
E5	CORE	Perform target development
E5	CORE	Perform trend/pattern of life analysis
E6	NON-CORE	Provide input to Intelligence Gain/Loss (IGL) assessments
E5	NON-CORE	Provide input to Signals Intelligence (SIGINT) support packages
E4	CORE	Provide intelligence support to operations
E5	NON-CORE	Provide target nomination recommendations
E5	CORE	Report input to battlespace environment evaluations
E4	CORE	Select software-based analysis tools
E6	CORE	Supervise target activity analysis
E5	NON-CORE	Support remote access operations
E4	CORE	Update technical databases
E5	CORE	Validate intelligence sources
E7	NON-CORE	Validate target packages

Job Title				**Job Code**

Cyberspace Language Analyst Operator

002683

Job Family	**NOC**	**Short Title (30 Characters)**	**Short Title (14 Characters)**
Arts, Design, Entertainment, Sports, and Media	TBD	CYBER LANG ANALYST OPERATOR	CYBER LANG OPR

Pay Plan	**Career Field**	**Other Relationships and Rules**
Enlisted	CTI	NEC CXXX Series and other NECs as assigned

Job Description

Cyberspace Language Analyst Operators conduct and supervise language analysis in support of offensive and defensive cyberspace operations to meet special operations forces, National, Joint and Fleet requirements; gist, translate, transcribe, summarize, analyze and report foreign language communications to support exploitation of target digital networks and critical infrastructure; provide Quality Assurance (QA) on information products; perform cyberspace target development and exploitation analysis, Indications and Warning (I&W), forensic analysis and discovery while protecting sensitive methods and sources; and advise leadership on cultural and regional factors which impact mission.

DoD Relationship   **O*NET Relationship**

Group Title	*DoD Code*	*Occupation Title*	*SOC Code*	*Job Family*
Analysis	123200	Interpreters and Translators	27-3091.00	Arts, Design, Entertainment, Sports, and Media

Skills	**Abilities**
Critical Thinking	*Information Ordering*
Judgment and Decision Making	*Deductive Reasoning*
Operations Analysis	*Inductive Reasoning*
Active Learning	*Speed of Closure*
Reading Comprehension	*Written Expression*
Writing	*Memorization*
Coordination	*Category Flexibility*
Complex Problem Solving	*Problem Sensitivity*
Management of Material Resources	*Flexibility of Closure*
Quality Control Analysis	*Perceptual Speed*

COLLECTION OPERATIONS

Paygrade	**Task Type**	**Task Statements**
E5	CORE	Assess collection gaps
E4	CORE	Construct logical queries (e.g., boolean, structured, etc.)
E6	CORE	Coordinate cryptologic missions
E6	CORE	Coordinate geolocation and direction finding operations
E4	CORE	Evaluate Signals Of Interest (SOI)
E5	NON-CORE	Generate Request For Information (RFI)
E4	CORE	Identify collection gaps
E5	CORE	Manage selector taskings
E5	CORE	Perform survey operations
E6	CORE	Process collection requirements (i.e., Collection Requirement Number (CRN) development)
E6	CORE	Provide corrective actions for collection anomalies
E4	CORE	Report collection anomalies
E4	CORE	Submit selectors for tasking
E6	CORE	Supervise cryptologic missions

INTELLIGENCE DISSEMINATION AND REPORTING

Paygrade	Task Type	Task Statements
E4	CORE	Annotate special dissemination controls
E4	CORE	Brief intelligence information
E4	CORE	Collaborate with other analysts on technical information
E4	CORE	Communicate Critical Intelligence Communications (CRITIC) information
E6	CORE	Coordinate special dissemination controls
E4	CORE	Distribute time-sensitive alerts
E6	CORE	Draft Critical Intelligence Communications (CRITIC) messages
E5	NON-CORE	Draft post-mission products
E4	CORE	Draft Signals Intelligence (SIGINT) reports
E4	CORE	Identify information flow within the intelligence cycle
E4	CORE	Identify reporting criteria
E6	CORE	Manage Signals Intelligence (SIGINT) reporting
E5	CORE	Perform Quality Assurance (QA) of language-related content in reports
E5	NON-CORE	Perform Quality Assurance (QA) of SIGINT reports
E4	CORE	Provide Indications and Warnings (I&W)
E5	NON-CORE	Provide input to cyberspace operations intelligence products (e.g., threat assessments, briefings, intelligence studies, etc.)
E4	CORE	Report Essential Elements of Information (EEI)
E4	CORE	Report potential threats
E6	NON-CORE	Submit priority recommendations to support Commanders Critical Information Requirements (CCIR)
E7	CORE	Supervise Critical Intelligence Communications (CRITIC) reporting programs
E4	CORE	Support Request For Information (RFI) responses

LANGUAGE ANALYSIS AND PROCESSING

Paygrade	Task Type	Task Statements
E5	CORE	Advise on cultural and regional factors that impact mission operations
E5	NON-CORE	Develop language instructional materials
E4	CORE	Employ language processing tools
E4	CORE	Identify fundamental concepts related to human language technologies
E5	CORE	Perform Quality Assurance (QA) of Interagency Language Roundtable (ILR) Level 2 language products
E6	CORE	Perform Quality Assurance (QA) of Interagency Language Roundtable (ILR) Level 2+ language products
E7	CORE	Perform Quality Assurance (QA) of Interagency Language Roundtable (ILR) Level 3 language products
E5	CORE	Prioritize data for processing
E4	CORE	Process Interagency Language Roundtable (ILR) Level 2 target language material
E5	CORE	Process Interagency Language Roundtable (ILR) Level 2+ target language material
E6	CORE	Process Interagency Language Roundtable (ILR) Level 3 target language material

Paygrade	Task Type	Task Statements
E6	NON-CORE	Provide global language instruction
E4	CORE	Provide near real-time/real-time language analysis
E4	CORE	Provide technical language input to mission planning (e.g., cyber, tactical, strategic, etc.)
E6	CORE	Provide technical language instruction
E4	CORE	Report non-target languages or dialects

SECURITY AND ADMINISTRATION

Paygrade	Task Type	Task Statements
E5	NON-CORE	Conduct Cryptologic Readiness Training Team (CRTT) drills
E4	CORE	Control access to restricted areas
E5	CORE	Coordinate language skill maintenance
E7	CORE	Direct resources to meet mission requirements
E7	NON-CORE	Draft policies and procedures in support of Signals Intelligence (SIGINT) operations
E4	CORE	Identify basic information about the US Signals Intelligence (SIGINT) system
E4	CORE	Identify Information Assurance (IA) fundamentals
E4	CORE	Identify Information Security (INFOSEC) fundamentals
E4	CORE	Identify Intelligence Oversight (IO) fundamentals
E4	CORE	Identify provisions of the Foreign Intelligence Surveillance Act (FISA)
E4	CORE	Identify provisions of the U.S. Signals Intelligence Directives (USSIDs)
E4	CORE	Identify roles, relationships and responsibilities of elements of the Intelligence Community (IC)
E7	CORE	Implement Emergency Destruction Plan (EDP)
E7	NON-CORE	Manage Cryptologic Readiness Training Team (CRTT)
E6	NON-CORE	Manage language training requirements
E4	CORE	Protect Sensitive Compartmented Information (SCI) material
E4	CORE	Transport Sensitive Compartmented Information (SCI) material

TARGET DEVELOPMENT AND EXPLOITATION

Paygrade	Task Type	Task Statements
E4	CORE	Access target technical information (e.g., technical kits, databases, working aids, etc.)
E5	NON-CORE	Analyze Command, Control, Communications, Computers, Combat Systems, Intelligence, Surveillance, Reconnaissance, and Target (C5ISRT) networks for critical nodes
E5	CORE	Analyze communication networks
E5	CORE	Analyze communication systems characteristics
E4	CORE	Analyze content
E4	CORE	Analyze metadata
E5	CORE	Analyze target critical capabilities and vulnerabilities
E5	CORE	Analyze target tactics and methodologies (e.g., Tactics, Techniques, and Procedures (TTP), etc.)
E5	CORE	Analyze threat capabilities
E5	NON-CORE	Assess Information Operations (IO) effects
E5	NON-CORE	Conduct Intelligence Preparation of the Operating Environment (IPOE)
E6	NON-CORE	Determine capabilities of cyber assets relevant to specific target area
E4	CORE	Determine communication network topography (e.g., hierarchy, base station, out station, etc.)
E6	CORE	Determine intelligence gaps
E4	CORE	Determine location using geographic coordinates (e.g., Military Grid Reference System (MGRS), World Geographic Reference (GEOREF), etc.)
E5	NON-CORE	Determine software and hardware vulnerabilities
E6	NON-CORE	Develop target packages
E5	CORE	Develop target specific working aids
E5	NON-CORE	Develop target templates
E4	CORE	Evaluate target data using software-based analysis tools
E4	CORE	Identify collection sources and techniques
E4	CORE	Identify communication systems characteristics
E5	NON-CORE	Identify computer programming concepts
E4	CORE	Identify digital network communications characteristics
E5	CORE	Identify regional and cultural factors that influence target development
E4	CORE	Identify signals fundamentals and radio wave theory
E4	CORE	Identify target capabilities
E4	CORE	Identify target tactics and methodologies (e.g., Tactics, Techniques, and Procedures (TTP), etc.)
E4	CORE	Identify telephony characteristics
E6	NON-CORE	Integrate targeting efforts with other organizations and combatant commands
E4	CORE	Maintain target templates

TARGET DEVELOPMENT AND EXPLOITATION (CONT'D)

Paygrade	Task Type	Task Statements
E5	CORE	Maintain technical databases
E4	CORE	Map communication networks
E5	CORE	Perform fusion analysis
E4	CORE	Perform geolocation and direction finding
E5	CORE	Perform Signals Development (SIGDEV)
E4	NON-CORE	Perform Signals Intelligence (SIGINT) Geospatial Analysis (SGA)
E5	CORE	Perform target development
E5	CORE	Perform trend/pattern of life analysis
E6	NON-CORE	Provide input to Intelligence Gain/Loss (IGL) assessments
E5	NON-CORE	Provide input to Signals Intelligence (SIGINT) support packages
E4	CORE	Provide intelligence support to operations
E5	NON-CORE	Provide target nomination recommendations
E5	CORE	Report input to battlespace environment evaluations
E4	CORE	Select software-based analysis tools
E6	CORE	Supervise target activity analysis
E5	NON-CORE	Support remote access operations
E4	CORE	Update technical databases
E5	CORE	Validate intelligence sources
E7	NON-CORE	Validate target packages