



REPLY TO  
ATTENTION OF

**DEPARTMENT OF DEFENSE**  
**UNITED STATES SOUTHERN COMMAND**  
3511 NW 91ST AVENUE  
MIAMI, FL 33172-1217

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Information Management

GLOBAL COMMAND AND CONTROL SYSTEM (GCCS) COMMAND INSTRUCTION

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1. Purpose. This instruction establishes GCCS policy and procedures for U.S. Southern Command.

2. References.

- a. CJCSI 6721.01, Global Command and Control (GCC) Management Structure, 27 Nov 00
- b. CJCSM 6721.01, GCCS Functional Requirements Evaluation Procedures, 15 Mar 97
- c. GCCS Requirements Database (GRiD) Users Manual, 13 Nov 00
- d. Global Combat Support System (GCSS) Management Plan, Ver 1, 1 Apr 97
- e. CJCSI 6721.02A, GCC Training Management, 31 Mar 00
- f. GCCS Single Service Training Management Guide, 5 Nov 97

g. Command, Control, Communications and Computers and Intelligence (C4I) for the Warrior, 12 Jun 94

h. Joint Vision 2010

i. Standard Operating Procedure for GCCS Access Requests, 6 May 98

j. Common Operational Picture Concept of Operations (COP CONOPS), 31 Mar 99

3. Applicability. This instruction applies to the HQ USSOUTHCOM, its service component and subordinate commands including Joint Task Forces (JTFs), Joint Task Force Interagency- East (JIATF-E) and Joint Southern Surveillance Reconnaissance Operations Center (JSSROC) within the USSOUTHCOM area of responsibility.

4. Overview. GCCS is the mid-term phase of the Command, Control, Computers, Communication and Intelligence for the Warrior (C4IFTW) concept. C4IFTW concept fulfills the requirement for a capability to move a U.S. fighting force on the globe at any time and provide the information and direction to complete its mission. The C4I objective provides the warrior with a common, real-time, true picture of the battlespace and the ability to order, respond, and coordinate horizontally and vertically to accomplish the mission in that battlespace. GCCS is the single C4I system to satisfy the C4IFTW concept. It provides a common thread extending from the "foxhole" to the Commander in Chief, providing systems to support strategic, theater and tactical requirements.

#### 5. GCC Management Structure.

a. Reference (a), CJCSI 6721.01, GCC Management Structure, establishes GCC management structure and responsibilities for the Joint Staff, Services, Defense agencies, combatant and functional unified commands, and other activities.

b. The GCC Management Structure provides the command and control (C2) oversight to meet the C2 requirements of the National Command Authorities (NCA), Joint Staff, Service headquarters, combatant and functional unified commands, Joint Task Forces and its components, and DOD agencies. It reviews, validates, approves, and prioritizes requirements and selects the best candidate from the nominations for integration into the system. It also approves the policies and procedures that support joint C2 requirements.

c. The GCC Management Structure manages implementation, coordinates policy and develops functional requirements.

d. GCC Management Structure and Offices of Primary Responsibility are depicted in Figure 1.

**Global Command and Control Management Structure**

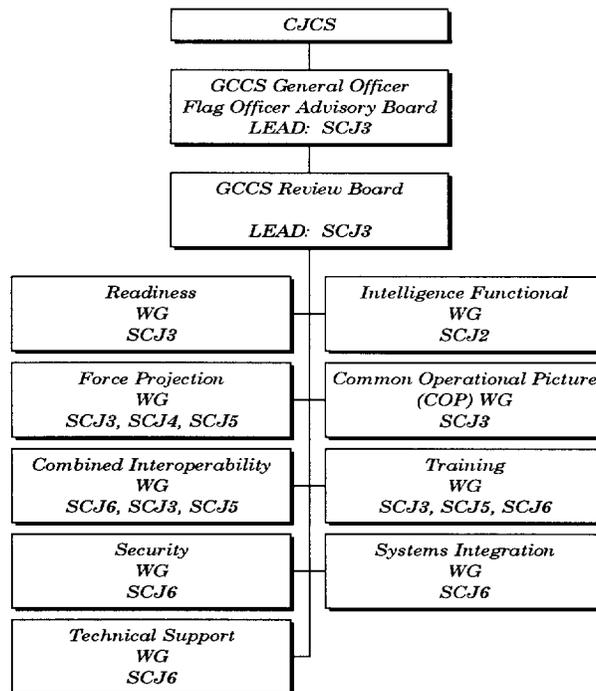


FIGURE 1

6. Joint Staff GCCS Working Group Responsibilities. Reference (a), Appendix A outlines the following working group roles and responsibilities. A brief summary is also provided below.

a. Readiness. A representative from the Joint Staff, J3, is the chairperson. The group executes those responsibilities defined in reference (a) and responds to readiness issues. The Global Command and Control Readiness Working Group, in conjunction with the Readiness Users Review Panel, identifies and prioritizes requirements and enhancements to readiness applications.

b. Force Projection (FP). The representatives from the Joint Staff, J3 and J4, co-chair this working group (WG). The group executes those responsibilities defined in reference (a) and responds to FP issues. It encompasses the following WGs, which have since disbanded: Deliberate Planning, Employment Crisis Action, and Sustainment. The JOPES User Advisory Group (UAG) and the Joint Deployment and Distribution Process Improvement (JDDPI) WG are subsets of this WG.

c. Intelligence. A representative from the Joint Staff J-2 is the chairperson. The group executes those responsibilities defined in reference (a) and responds to intelligence issues. The WG's objective ensures all intelligence requirements necessary to support the NCA, Joint Chiefs of Staff, and the CINCs are incorporated into GCCS.

d. Common Operational Picture (COP). A representative from the Joint Staff, J3, is the chairperson. The group executes those responsibilities defined in reference (a) and responds to COP initiatives, requirements and issues.

e. Systems Integration. A representative from the Joint Staff, J6, is the chairperson. The group executes those responsibilities defined in reference (a) and responds to Command, Control, Communications and Computers (C4) systems integration issues. It coordinates oversight efforts with the GCCS Program Manager (PM) to avoid duplication of effort. Additionally, it provides GCCS development requirements to the GCCS PM.

f. Combined Interoperability. The representatives from the Joint Staff, J3 and J6, co-chair this WG. The group executes those responsibilities defined in reference (a) and responds to combined interoperability issues. The Combined Interoperability Working Group (CIWG) provides oversight for all GCCS hardware, software, associated data and multilevel security technologies in support of combined interoperability activities. The CIWG also addresses GCCS requirements identified by the GCCS management structure to leverage development of appropriate technology.

g. Training. The representatives from the Joint Staff, J3 and J6, co-chair this WG. The group executes those responsibilities defined in references (a), (e), and (f) and responds to training issues. This WG is the focal point of the GCCS training management structure, and are responsible to provide feedback to the GCCS Review Board. Primary voting members include representatives in the grade of O-5 and below from Joint Staff directorates, Services, Unified Commands, Defense agencies, Air Education Training Center (AETC), and Joint Training Organization (JTO).

h. Security. A representative from the Joint Staff, J6, is the chairperson. The group executes those responsibilities defined in reference (a) and responds to security issues.

i. Technical Support. A representative from the Joint Staff, J6, is the chairperson. The group executes those responsibilities defined in reference (a) in all areas relating to operational support of GCCS and GCCS mission applications and communications/ADP infrastructure. It is also responsible for Defense Information Infrastructure (DII) Common Operating Environment (COE) issues and impacts to the GCCS or GCCS operational environment.

## 7. GCCS Functional Requirements and Responsibilities.

a. GCCS Functional Requirements Evaluation procedures are defined in reference (b). All GCCS requirements must be endorsed at the O-6 level (GCCS Review Board member or above) to the Joint Staff, J33, Command Systems Operations Division (CSOD). The SCJ3 is the approval authority for joint SOUTHCOM GCCS requirement inputs. Once approved, requirements are entered into the GRiD to begin the requirements process.

b. Per reference (c), the GRiD is a database management system designed to assist GCCS users in the identification of post-System of Record (SOR) GCCS functional requirements. It also assists program decision-makers in prioritizing requirements, and provides a tool for all GCCS participants to monitor the progress of functional requirements as they proceed through the phases of implementation, from inception to fielding.

c. The Joint GCCS Requirements Process. As depicted in Figure 2, GCCS users submit new joint requirements to the Joint Staff through their appropriate CINC, Service, or agency office of primary responsibility, or GCCS WG. The requirement description, including candidate applications, is then submitted via the GRiD for processing. If a GCCS WG identifies a new requirement, the WG is responsible to input a validation statement before the Assessment I Stage. The GCC management structure validates, assesses, approves, ranks, and selects the best capability to satisfy user requirements for submission into the Evolutionary Phase Implementation Plan (EPIP). The EPIP is a contractual document that establishes a performance baseline among the entire user community, or stakeholders, which includes the Joint Staff, DISA, developers, and CINCs/Services/Agencies. The EPIP summarizes how requirements are satisfied and by whom, the associated development costs, implementation risks, economic analysis associated with GCCS phase implementation, technical solutions testing, and the schedule for phase completion. The EPIP also gives developers the opportunity to take advantage of emerging technologies, keeping GCCS functions current. Requirements validation and application integration must be consistent with GCCS development and implementation plans approved by the GCC OPR, the Joint Staff, J-3, per reference (a). At a minimum, requirements should support the GCCS goals of reference (b).

**REQUIREMENTS PROCESS CJCSM 6721.01**

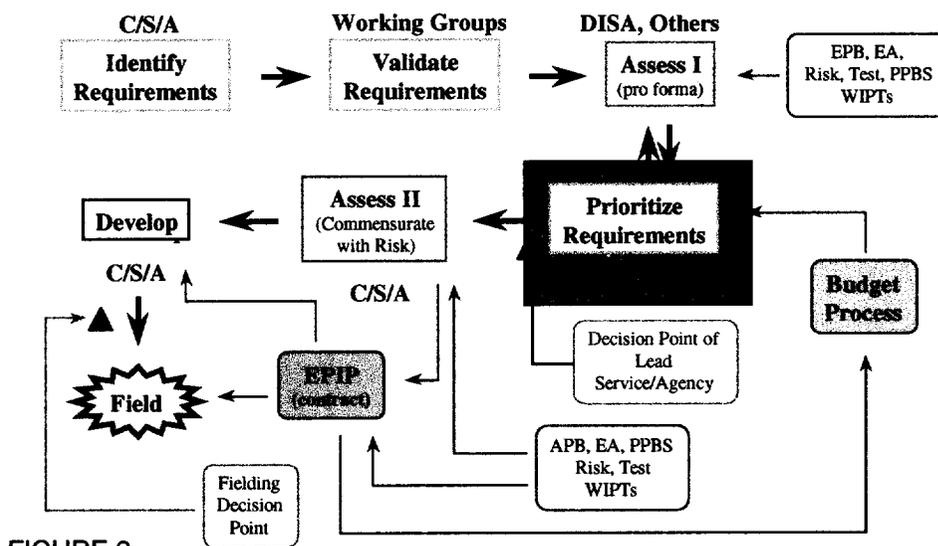


FIGURE 2

8. Command Responsibilities. In order to implement the C4I for the Warrior concept, reference (g) and Joint Vision 2010, reference (h), a strong partnership among the staff, service components, JTFs and JIATF is imperative for a successful program. Many GCCS functions fall into various staff and component areas. The headquarters staff, Service Components, JTFs and JIATF GCCS roles and responsibilities are as follows:

a. Director of Manpower, Personnel and Administration (SCJ1). The Director, SCJ1 or representative, exercises responsibility for all GCC personnel support systems issues.

- (1) Identifies personnel support system requirements.

(2) When required, provides representative to the Readiness, Force Projection, and GCCS Initiatives WGs.

(3) Per Appendix A, ensures SCJ1 GCCS personnel receive appropriate GCCS training.

(4) Plans and identifies TDY budget requirements in support of GCCS WGs and off-site training to SCJ6.

b. Director of Intelligence (SCJ2). The Director SCJ2 or representative exercises oversight of GCCS intelligence systems development, integration, and management of intelligence automated information activities including integration of non-DOD intelligence community systems. SCJ2 coordinates with Joint Staff Intelligence, the Intelligence Systems Board, and the Intelligence Community Management Staff on intelligence system matters.

(1) Serves as the command's point of contact in all intelligence system matters, such as the fielding and implementation of GCCS Integrated Imagery and Intelligence (GCCS I<sup>3</sup>). Administers the intelligence servers (IPL-S; MIDB-S; Red Force data feed, etc.).

(2) Provides the lead representative for the Intelligence Functional WG. When required, provides a representative to the Common Operational Picture, Combined Interoperability, and Training WGs.

(3) Complies with reference (j), COP CONOPS, to provide red force data and other intelligence data to the Common Operational Picture.

(4) Per Appendix A, ensures SCJ2 and Joint Intelligence Center (JIC) GCCS personnel receive appropriate GCCS training.

(5) Plans and identifies TDY budget requirements in support of GCCS working groups and off-site training to SCJ6.

c. Director of Operations, (SCJ3).

(1) Exercises office of primary responsibility functions and maintains GCC policy, procedures, development, resources, and implementation oversight within the scope of CJCS guidance.

(2) Provides flag-level/general officer or designated representative to the GCC Advisory Board.

(3) Provides an O-6 or designated representative to the GCCS Review Board.

(4) Serves as the GCCS functional manager responsible for coordination of system functional requirements. Coordinates GCCS implementation plan development for processes and capabilities.

(5) Reviews GCC deployment and crisis action planning policy and procedures and participates in Force Projection WG.

(6) Approves local GCC policy and interoperability issues.

(7) Provides the lead member and participates in the following WGs:

(a) Readiness

(b) Force Projection

(c) Intelligence

(d) Common Operational Picture

(e) Combined Interoperability

(f) Training

(g) Joint Deployment and Distribution Process Improvement (co-lead with J4)

(8) The lead members of the above WGs will provide after action reports no later than ten days after the WG meets.

(9) In coordination with SCJ5 and SCJ6, exercises oversight and scheduling of GCCS functional and system training.

(10) Per Appendix A, ensures SCJ3 GCCS personnel receive appropriate GCCS training.

(11) In coordination with SCJ6, provides emerging requirements to appropriate WGs for action, and as required, provides test bed for GCCS mission application prototypes. Coordinates and consolidates GCCS requirements, objectives and milestones for the command.

(12) Disseminates Advisory and Review Boards and GCCS WG information to the staff and GCCS users.

(13) Conducts local GCCS Working Meetings to facilitate current GCCS management issues.

(14) Ensures GCCS usage during command exercises and captures assessments in after action reports.

(15) Plans and identifies TDY budget requirements in support of GCCS WGs and off-site training to SCJ6.

d. Director of Logistics (SCJ4). The Director of Logistics, SCJ4, or designated representative, exercises responsibility for mobilization, demobilization, sustainment, reconstitution, transportation policy, procedure definition, and for management of related prototype development efforts.

(1) Serves as the command point of contact in all logistics information system matters pertaining to mobilization, demobilization, deployment, redeployment, sustainment, and reconstitution.

(2) Provides co-lead representative for the Joint Deployment and Distribution Process Improvement WG and when required, to the Force Projection WG. Provides a representative to Review and Advisory Boards when required.

(3) Per Appendix A, ensures SCJ4 GCCS personnel receive appropriate GCCS training.

(4) Plans and identifies TDY budget requirements in support of GCCS WGs and off-site training to SCJ6.

e. Director of Strategy, Policy and Plans, SCJ5. The Director SCJ5 or representative provides Joint Operations Planning and Execution System (JOPES) support to the staff.

(1) Provides lead representative to the JOPES UAG and representatives to the Force Projection, Combined Interoperability, and Training WGs, when required.

(2) Schedules JOPES training for the command.

(3) Provides expertise in JOPES GCCS Top Secret (GCCS-T).

(4) Provides input to GCCS modeling and simulation interface requirements.

(5) Per Appendix A, ensures SCJ5 personnel receive applicable training.

(6) Plans and identifies TDY budget requirements in support of GCCS WGs and off-site training to SCJ6.

f. Director of C4 Systems, SCJ6.

(1) Serves as the GCCS system implementer. Executes technical oversight for all C4 system development, ADP integration and management of technical GCCS activities, operations and maintenance of the network, data administration, configuration management, security, and communications management.

(2) Directs the design, development, acquisition, and integration of an automated system that supports OPR-approved GCCS requirements and provides this plan to the OPR for approval.

(3) Provides oversight of GCCS configuration management within the headquarters and AOR GCCS sites.

(4) Serves as USSOUTHCOM's point of contact for all GCCS C4 system matters.

(5) Manages, in coordination with SCJ3, oversight of GCCS training, to include technical training.

(6) Per Appendix A, ensures SCJ6 GCCS personnel receive appropriate GCCS training.

(7) Provides lead representative for the Technical Support, Security and Systems Integration WGs. When required, provides representatives to the Common Operational Picture, Combined Interoperability, Training, Readiness, Force Projection and Intelligence WGs.

(8) Ensures GCCS issues of interest are provided to the Military Communication Electronics Board (MCEB) and those issues emerging from this group are identified to the GCCS management structure.

(9) Oversees the operation and maintenance of GCCS sites in-theater. Performs duties as headquarters GCCS data administrator, system administration, database management, security management, and system training. Responsible for GCCS-I3 network interconnectivity with SCJ2 and associated medium, maintenance, and system administration.

(10) Plans and identifies TDY training and GCCS Operations and Maintenance budget requirements. Provides GCCS budget status updates to SCJ3 as required. Funds GCCS programmed directorate training.

g. Director of Programs and Resources, SCJ8.

(1) Provides fiscal guidance to the staff on GCCS related matters.

h. Chiefs of Special Staffs (SCEN, SCSG).

(1) Provide expertise and stays involved in current system functional requirements process.

(2) Attend and participate in pertinent WGs as required.

(3) Per Appendix A, ensure respective GCCS personnel receive appropriate GCCS training.

(4) Plan and identify TDY budget requirements in support of GCCS WGs and off-site training to SCJ6.

- i. Service Component/Subordinate Command/Joint Task Force/Joint Interagency Task Force.
  - (1) Provide new input/requirements to current GCCS mission applications.
  - (2) Program and identify emerging GCCS system equipment requirements to service HQs.
  - (3) Per Appendix A, ensure all respective GCCS personnel receive appropriate GCCS training.
  - (4) When required, attend and participate in applicable working groups and conferences.
  - (5) Comply with reference (j), COP CONOPS, to ensure a complete situational picture is provided to the headquarters to include counterdrug assets and blue force locations in the theater.
  - (6) Operate and maintain GCCS sites per GCCS configuration and accreditation policies.
  - (7) Plan, identify and program TDY budget requirements and funds for off-site training.

9. GCCS Applications. A list of GCCS mission applications and definitions are at the SCJ3 GCCS Insights website. It also provides the functional areas that the mission applications relate to. This list continues to change as new mission applications are fielded.

10. Procedures.

a. Headquarters GCCS User Passwords. SCJ6 is responsible for the establishing new or modifying existing accounts. Reference (i) provides guidance on how to submit the request. Additionally, the user access form is available at Appendix B or the SCJ3 GCCS Insights webpage. Users must fill out applicable blocks, provide adequate justification, select required mission applications and forward access request to appropriate offices for coordination.

b. Capability Request (CAPR). A CAPR is required for any new GCCS software or hardware requirements. A CAPR identifies the requirement, what information service or support is needed, justification and impact is if not approved or funded. Any new GCCS CAPRs must be coordinated with SCJ325 and SCJ6. Refer to the instructions at the Information Management Officer webpage at the USSOUTHCOM Net (SCNET) site.

The proponent agency of this regulation is the U.S. Southern Command. Users are invited to send comments and suggested improvements directly to HQ USSOUTHCOM, SCJ32, 3511 NW 91<sup>st</sup> Avenue, Miami, FL 33172-1217.

SCJ3

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D

**APPENDIX A, GCCS Training Plan, to SC Reg 25-53, Global Command and Control System (GCCS) Command Instruction**

1. Purpose. To develop a comprehensive plan to provide training to all command GCCS users and ensure required training is accomplished in an efficient and consistent manner.
2. Applicability. All USSOUTHCOM GCCS users and those recipients of information provided by GCCS users.
3. Methodology. Training must be multifaceted and flexible.
  - a. Automated. Effective use of techniques, methods, or systems in the environment.
  - b. Interactive. Employing continuous dialogue with professional training institutions to ensure currency of all training methodology.
  - c. Scenario-based. Whenever necessary, incorporate realistic mission-directed scenarios into training program.
  - d. Temporary Duty. Effective use of all available professional training institutions whenever it will be more advantageous to USSOUTHCOM's training requirements.
  - e. Level of training. All training will meet the minimum training necessary, as identified by each directorate, to meet mission requirements. The directorate will also determine any prerequisites to targeted training.
4. Responsibilities.
  - a. SCJ325 GCCS Branch will:
    - (1) Centrally manage all training initiatives with functional JOPES, COP and System Administration training coordinators. Facilitate upcoming training to intended target audiences.
    - (2) Provide administrative oversight of the command training plan.
    - (3) Create and maintain a master database of training requirements.
    - (4) Maintain a GCCS Training Matrix of courses available, length, provider, applications taught, OPRs, locations, target audience, course descriptions and website location. This matrix is not all-inclusive as Interactive Courseware is continually updated. The GCCS Training Matrix located at end of this appendix.
    - (5) Maintain a list of course descriptions and training information on the SCJ3 GCCS Insights webpage.

b. USSOUTHCOM Headquarters Directorates will:

(1) Appoint, in writing, a directorate point of contact for all GCCS-related training. Letter will be sent to SCJ325 GCCS Branch for documentation purposes.

(2) Identify directorate-level requirements, to include training courses, personnel requiring training, and level each individual should be trained to.

(3) Provide directorate personnel training budget requirements to SCJ6 on an annual basis. Any MTT that benefits the entire command will be funded by SCJ6 GCCS funding.

(4) Maintain an active roster of all directorate personnel GCCS training information. Provide SCJ325 GCCS Branch with quarterly updates of all training received during the period.

(5) If a MTT or other outside training activity is invited to USSOUTHCOM, ensure all requirements (security for incoming training personnel, classroom, etc.) necessary to conduct training are met. Coordinate all MTTs with the SCJ325 training coordinator.

(6) Ensure SCJ325 GCCS Branch is aware of any in-bound training team to maximize the use of team's resources while at USSOUTHCOM. When additional space is available, SCJ325 GCCS Branch will ensure all USSOUTHCOM components are made aware of training.

c. Service Components, Joint Interagency Task Force-East, JTF-Bravo, Special Operations Command South and Joint Southern Surveillance Reconnaissance Operations Center will:

(1) Appoint, in writing, a command point of contact for all GCCS-related training. Letter will be sent to SCJ325 GCCS Branch for documentation purposes.

(2) Identify command-level requirements, to include training courses, personnel requiring training, and level each individual should be trained.

(3) Budget, program and fund all GCCS training for command personnel.

(4) Maintain an active roster of all command personnel's GCCS training information. Provide SCJ325 GCCS Branch with quarterly updates of all training received during the period.

d. Military Groups will:

(1) Request Command and Control (C2PC) training through the Counter Narcotics/Command Management System (CN/CMS) representatives.

(2) Provide MILGP personnel training budget requirements to SCJ6 on an annual basis.

(3) Maintain an active roster of all MILGP personnel CN/CMS training information. Provide SCJ325 GCCS Branch with quarterly updates of all training received during the period.

## GCCS TRAINING MATRIX

Course Title	Length	Provider	App's Supported	OPR	Course Location	Target Audience	Course Purpose of Course
GCCS Basic Admin	9 days	HQ USAF/ AETC	File Manager File Transfer Protocol (FTP)	AETC Mr. Harry Wright DSN 597- 5377	OSF Sterling, VA/Keesler AFB, MS/ MTT	SCJ6	Teaches the concepts and skills needed to administer Solaris computer systems used in support of the GCCS. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
GCCS COP System Administration	5 days	HQ USAF/ AETC	Common Operational Picture (COP)	AETC Mr. Harry Wright DSN 597- 5377	OSF Sterling, VA/ Keesler AFB, MS/MTT	SCJ6	Teaches concepts and skills need to perform the duties associated with GCCS Common Operating Picture (COP) Systems Administrators. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
GCCS UNIX	5 days	HQ USAF/ AETC	File Manager File Transfer Protocol (FTP)	AETC Mr. Harry Wright DSN 597- 5377	OSF Sterling, VA/ Keesler AFB, MS/MTT	SCJ6	User-level course introduction to the UNIX operating system. Includes UNIX concepts (file system structure and commands), the VI text editor, and creating and analyzing Shell Scripts. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
GCCS UNIX & GCCS Basic Administration	14 days	HQ USAF/ AETC	File Manager File Transfer Protocol (FTP)	AETC Mr. Harry Wright DSN 597- 5377	OSF Sterling, VA/ Keesler AFB, MS/MTT	SCJ6	Combines the GCCS UNIX and Basic Administrator courses into one class. This course was designed solely for personnel assigned short and remote tours to Overseas location (Korea, Japan, etc.) and for personnel being deployed/assigned (temporary duty) to remote locations utilizing GCCS. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
GCCS Security Administrator	5 days	HQ USAF/ AETC	GCCS security tools	AETC Mr. Harry Wright DSN 597- 5377	OSF Sterling, VA/ Keesler AFB, MS/MTT	SCJ6	This is a policy oriented course which emphasizes security threats and policies, risk analysis procedures, controlling user accounts, available GCCS security tools, and analyzing audit trail reports. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
GCCS System Administrator <i>GCCS Advanced System Administrator (Revision Approved by Security Working Group, Aug 2000)</i>	5 days	HQ USAF/ AETC	Internet Relay Chat (IRC)	AETC Mr. Harry Wright DSN 597- 5377	OSF Sterling, VA/ Keesler AFB, MS/ MTT	SCJ6	Course includes teleconferencing management, use and configuration of the Common Desktop Environment (CDE), system monitoring, basic troubleshooting, functions of the volume manager, and requirements for interfacing Windows NT systems into a UNIX environment. Revised course will include GCCS concepts, system monitoring, NIS+ administration, teleconferencing management disk duplication, volume manager and trouble shooting. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
GCCS Oracle Database Admin	10 days	HQ USAF/ AETC	Rapid Query Tool (RQT)	AETC Mr. Harry Wright DSN 597- 5377	OSF Sterling, VA/ Keesler AFB, MS/MTT	SCJ6	This group paced 80-hour course provides user training in the knowledge and skills needed to administer an Oracle database. The scope of training includes basic database concepts to detailed instruction on how to administer an Oracle database. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>

GCCS Oracle	5 days	HQ USAF/ AETC	Rapid Query Tool (RQT)	AETC Mr. Harry Wright DSN 597- 5377	OSF Sterling, VA/ Keesler AFB, MS/MTT	SCJ6	The scope of training includes general concepts important to a Relational Database Management System (RDBMS). This database has client/server architecture and runs on a UNIX operating system. Students are introduced to basic DBMS features and the theory of Relational Database operations. Students perform basic object design then create and manipulate their new design using the Structures Query Language. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
GCCS Windows NT Workstation System Administration	10 days	HQ USAF/ AETC	Work Station System Administration	AETC Mr. Harry Wright DSN 597- 5377	OSF Sterling, VA/ Keesler AFB, MS/MTT	SCJ6	Teaches the student the concepts and skills needed to install and administer Microsoft Windows NT Workstation in the GCCS environment. The scope of the course includes Introduction to MS Windows NT Workstation Version 4.0, administering Windows NT Workstation, installing Windows NT Workstation, configuring Windows NT Workstation, disk management, networking, configuring and managing printers, applications support, creating and administering users and groups, securing system and network resources, auditing, monitoring and optimizing resources, C2PC interface and Netscape Communicator, C2 security configuration to include file and sharing security, backing up and restoring data, and troubleshooting. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
GCCS UNIX & Basic Admin	15 Days	HQ USAF/AETC	System Administration	AETC Mr. Harry Wright DSN: 597- 5377	Keesler AFB, MS	SCJ6	See GCCS UNIX & Basic Admin course descriptions above. This is a combination of both courses specifically designed to facilitate user-scheduling needs. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
GCCS Oracle & DBA	15 Days	HQ USAF/AETC	Rapid Query Tool (RQT)	AETC Mr. Harry Wright DSN: 597- 5377	Keesler AFB, MS	SCJ6	See ORACLE & DBA course description above. This is a combination of both courses specifically designed to facilitate user-scheduling needs. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
GCCS Security	Self Paced	HQ USAF/ AETC	GCCS Security	AETC Mr. Harry Wright DSN 597- 5377	ICW Internet	SCJ6	Provides an introduction to the GCCS Security Policy, procedures, and responsibilities. Scope of training includes: GCCS mission overview, GCCS Security Policy, Availability control, Confidentiality issues, and GCCS site certification and accreditation. <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
Understanding Networks	Self Paced	HQ USAF/ AETC	System Administration	AETC Mr. Harry Wright DSN 597- 5377	ICW Internet	SCJ6	Provides training for personnel in the concept and theory of Local Area Networks (LAN's). The scope of training includes overall LAN concepts, design and knowledge used to support GCCS day to day operations. Topics covered are; an introduction to LAN theories and topologies, the different types of transmission media, the various LAN access and routing techniques and Network Operating Software (NOS). <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>

Data General's UNIX User	Self Paced	HQ USAF/ AETC	System Management FTP	AETC Mr. Harry Wright DSN 597-5377	ICW Internet	SCJ6	The SSTM is planning to use WWW/FTP servers, accessing them through a web-browser program such as Netscape or Internet Explorer. When the user accesses the ICW icon on the screen, they will get a Home Page identifying the courses available <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
Data General's Advanced UNIX Users	Self Paced	HQ USAF/ AETC	System Administration	AETC Mr. Harry Wright DSN 597-5377	ICW Internet	SCJ6	The SSTM is planning to use WWW/FTP servers, accessing them through a web-browser program such as Netscape or Internet Explorer. When the user accesses the ICW icon on the screen, they will get a Home Page identifying the courses available <a href="http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm">http://www.keesler.af.mil/333trs/sflight/gccs/courses.htm</a>
ACC GCCS User Familiarization Course	As determined by ACC MTT or Self Paced	HQ USAF/ ACC	General Purpose GCCS Operational Familiarization Training	HQ ACC/ SCCC Mr. Mike David DSN: 574-6117	Langley AFB, VA	SOUTHAF A3/A5	ACC GCCS Operational Familiarization Training provides the student an orientation of GCCS resources and the basic confidence, competence, and capability to explore and use system resources within their respective mission areas. This course is not a substitute for the formal systems and application training provided by the JTO, 333 TRS, or other training organizations, but serves to augment and complement personnel training requirements while formal sources are pursued. The Familiarization Training Course is designed to provide on-site, informal, and hands-on instruction to Headquarters, Numbered Air Force, and Wing personnel requiring an introductory foundation in ACC GCCS capabilities and operations.
AMC GCCS Common Applications	5 days	HQ USAF/ AMC	Basic AMC GCCS orientation	Air Mobility Warfare Center, Mr. Tim Alf DSN: 576-2217	Ft Dix/McGuire AFB NJ	SOUTHAF A3/A5	Provides a basic orientation of the GCCS applications most AMC personnel will use.
AMC GCCS Specialty Applications -I (JOPES)	2 days	HQ USAF/ AMC	JOPES JSIT RQT	Air Mobility Warfare Center, Mr. Tim Alf DSN: 576-2217	Ft Dix/McGuire AFB NJ	SOUTHAF A3/A5	Provides special orientation for those individuals who need to query TPFDDs for visibility of mobility movement requirements.
GCCS-A Capability-1 (CPI)	40 hrs	USA	MOB Planning, Mobilization PC-ASORTS, Army Ad Hoc Query tool	GCCS-Army Training Site, Mr. Andy West DSN: 797-6316	Atlanta, GA	USARSO DCSOPS	Provides the GCCS Desktop and web services and the mobilization applications (MOB Planning, Mobilization/Operations, Deployment, Employment, & execution, and unit readiness (ASORTS), PC-ASORTS, and the Army Ad Hoc Query tool.
GCCS-A CPI Army Logistics (ALOG)	40 hrs	USA	Army Ad Hoc Query tool	GCCS-Army Training Site, Mr. Andy West DSN: 797-6316	Atlanta, GA	USARSO DCSLOG	Includes the GCCS Desktop, Force List Processing, Redistribution, Sustainment of various classes of supply, and the Army Ad Hoc Query.
GCCS-A Delivery-3 (D3)	40 hrs	USA	CFA MPEX and BrioQuery-Navigator.	GCCS-Army Training Site, Mr. Andy West DSN: 797-6316	Atlanta, GA	USARSO DCSOPS	Provides GCCS Desktop, Friendly and Enemy Unit Status, Standard Reference Data, Intelligence, Targeting, Commander's Force Analyzer (CFA) and Movement Planning and Execution (MPEX) and BrioQuery-Navigator.

JOPES Executive Course	1 hr	TRANSCOM	Brief & Hands on (if requested) JET, RQT, S&M Newsgroup	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Ft. Eustis, VA Or MTT	Flag/General Officers	Usually given in conjunction with JBOC or Time Sensitive Operators Course (TSOC). Presents an overview of the characteristics and capabilities of JOPES to senior military and civilian personnel. <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
JOPES Basic Operations Course (JBOC)	5 days	TRANSCOM	Netscape JSIT, JET, S&M, RQT, IRC, JNAV, Newsgroups	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Ft. Eustis, VA Or MTT	SCJ1, SCJ3, SCJ4, SCJ5, All JOPES Users	Provides general functional training and procedural information on how to conduct joint operations planning and execution using JOPES in the GCCS environment. <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
Time Sensitive Operator's Course (TSOC)	5 days	TRANSCOM	Netscape JSIT, JET, S&M, RQT, IRC, JNAV, Newsgroups	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Ft. Eustis, VA Or MTT	SCJ1, SCJ3, SCJ4, SCJ5, All JOPES Users	Overview of JOPES to satisfy the information requirements, laterally and vertically, for conducting joint planning and operations in a crisis action scenario.  <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
JOPES Specialty Modules: Joint Flow and Analysis System for Transportation (JFAST)	12 hrs	TRANSCOM	JFAST	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Ft. Eustis, VA Or MTT	SCJ3, SCJ4, SCJ5	Provide rapid analysis of transportation feasibility of a TPFDD prior to scheduling. Also covers the capabilities that allow the operator to conduct other transportation "what if" analysis & develop scheduling. <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
JOPES Specialty Modules: Notional Requirements Generator (NRG/JFAST)	6 hrs	TRANSCOM	JFAST, NRG Module Only	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Ft. Eustis, VA Or MTT	SCJ3, SCJ4, SCJ5	A JFAST capability to quickly develop a notional TPFDD (when one does not already exist) to assess gross transportation feasibility. <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
JOPES Specialty Modules: Logistics Sustainment Analysis and Feasibility Estimator (LOGSAFE)	6 hrs	TRANSCOM	LOGSAFE	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Ft. Eustis, VA Or MTT	SCJ3, SCJ4, SCJ5	Used to develop non-unit or CINC cargo support requirements for planning. <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
JOPES Specialty Modules: Global Status of Resources and Training System (GSORTS)	6 hrs	TRANSCOM	GSORTS	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Ft. Eustis, VA Or MTT	SCJ3, SCJ5	Used to determine location and readiness of selected forces.  <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
JOPES Functional Mangers (FM) Course	3.5 days	TRANSCOM	System Services FVT, WIKIWIKI, FTP, DB Select, IMS/RRM, Netscape IRC, JET Newsgroups	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Ft. Eustis, VA Or MTT	SCJ5	Provides the JOPES functional manager the knowledge of JOPES procedures and the supporting IT to effectively manage JOPES in the GCCS environment, to include assigning permissions, off-loading OPLANS & reloading OPLANS.  <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
Joint Air Logistics Information System (JALIS) Course	5 days	TRANSCOM		JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-	Scott AFB, IL	TRANSCOM	Provides basic working knowledge to individuals working within the Operational Support Airlift (OSA) system.  <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>

				3889			
Scheduling and Movement (S&M)	Web based mini lesson or Resident Specialty Course Self Pace	TRANSCOM	S & M	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Internet JTO Home Page	SCJ3, SCJ4, SCJ5	ICW : Used by planner to review, create, analyze, schedule, allocated, and manifest carrier information.  <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
Rapid Query Tool	WEB based mini lesson or Resident Specialty Course on Request	TRANSCOM	RQT	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Internet JTO Home Page	SCJ1, SCJ3, SCJ4, SCJ5, All JOPES Users	ICW : Used to retrieve selected information from OPLANs for reports and analysis.  <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
JOPES Editing Tool (JET)	WEB based mini lesson or Resident Specialty Course	TRANSCOM	JET	JTO, CAPT Will Dossel, DSN:927-5290; Mr. G. Scott DSN: 927-3889	Internet JTO Home Page	SCJ1, SCJ3, SCJ4, SCJ5, All JOPES Users	ICW : Used to review, build, and modify requirements for TPFDD.  <a href="http://websvr1.transcom.smil.mil:81/catalog.htm">http://websvr1.transcom.smil.mil:81/catalog.htm</a>
Common Operational Picture (COP) Maritime Operator Course	21 days (all services) add 28 days (for USN only)	USN/ FCTCL and FCTCPAC	COP	ESC/DII Mr. Ralph Osofsky DSN: 478-8125	San Diego, CA Or Dam Neck, VA	SCJ3	Provide the skills and knowledge to operate the Global Command and Control System equipment in support of Over-The-Horizon-Targeting (OTH-T). Upon successful completion of full 49 days of course, Navy students will be awarded NEC 0342.
GCCS Overview	Self Paced	DISA	IRC	DISA JSSC, Pentagon	Scenario Based Internet (SIPRNET)	All Users SCJ1, SCJ2, SCJ3, SCJ4, SCJ5, SCJ6	ICW :Desktop, Netscape/ Newsgroups, Internet Relay Chat (IRC) <a href="http://nmcc20a.nmcc.smil.mil/users/mtt/guide/download/3.03/sbtdesktop.htm">http://nmcc20a.nmcc.smil.mil/users/mtt/guide/download/3.03/sbtdesktop.htm</a>
Track Database Management: Common Operational Picture (COP) Chart	Self Paced	DISA	COP	DISA JSSC, Pentagon	Scenario Based Internet (SIPRNET)	SCJ3, All COP Users	ICW :Intended for new Track DB Managers <a href="http://nmcc20a.nmcc.smil.mil/users/mtt/guide/download/3.03/tdbm.htm">http://nmcc20a.nmcc.smil.mil/users/mtt/guide/download/3.03/tdbm.htm</a>
Enhanced Linked Virtual Information System (ELVIS)	Self Paced	DISA	ELVIS	DISA JSSC, Pentagon	Scenario Based Internet (SIPRNET)	SCJ3	ICW <a href="http://nmcc20a.nmcc.smil.mil/users/mtt/guide/download/3.03/elvis.htm">http://nmcc20a.nmcc.smil.mil/users/mtt/guide/download/3.03/elvis.htm</a>
Command and Control PC (C2PC)	Self Paced	DISA	General Purpose GCCS Operational Familiarization Training	DISA JSSC, Pentagon	Scenario Based Internet (SIPRNET)	SCJ3, All C2PC Users	ICW <a href="http://nmcc20a.nmcc.smil.mil/users/mtt/guide/download/3.03/c2pc_5422-2.htm">http://nmcc20a.nmcc.smil.mil/users/mtt/guide/download/3.03/c2pc_5422-2.htm</a>
J-2G-2302 Global Command and Control System - Maritime (GCCS-M) Watch Officer CDP: 255R	1 Week	FCTCPAC	OTH-T	QUOTA CONTROL: FCTCPAC, (COM)/DSN (619) 553-0832	San Diego, CA	SCJ3	Trains officer and senior enlisted personnel, E6 through 05, to manage Global Command and Control System - Maritime (GCCS -M) equipment in support of Over-the Horizon Targeting (OTH-T).

J-221-2311 Global Command and Control Systems - Common Operating Picture/Maritime Operator	5 Weeks	FCTCPAC	OTH-T	PERS 406C, DSN 882-3759, or Com (901) 874-3759	San Diego, CA	SCJ3	Provides rated E2-E9 personnel with the skills and knowledge required to operate the Naval Tactical Command System - Afloat (NTCS-A)/Joint Maritime Command Information System (JMCIS) equipment in support of Over-the-Horizon Targeting (OTH-T). Upon successful completion, the student will be awarded NEC 0342.
USMC MAGTF Enlisted Planner Course CIN: J-510-0001	4 Weeks (4 Iterations per year)	EWTGLANT	FDP&E	Curriculum Model Manager (757) 462-4459	NAB, Little Creek, VA	MARFOR SOUTH	Provides Enlisted Planner training in responsibilities and functional support duties in the areas of Force Deployment Planning and Execution.
Intelligence Operations Workstation (IOW) System Administration Course	3 Weeks (3 Iterations per year)	EWTGLANT EWTGPAC NAB Coronado	IOW MS Windows and NT System Administration Apps.	Curriculum Model Manager (757) 462-4459 EWTGLANT (757) 462-4449 EWTGPAC (619) 437-3205	EWTGLA NT EWTGPAC NAB Coronado	SCJ2 IDHS	This Course teaches MS Windows and NT System Administration related to IOW.
Unit Operations Course	2 Weeks (6 Iterations per year)	EWTGLANT EWTGPAC	IOW Command and Control Personnel Computer (C2PC) Apps.	Curriculum Model Manager (757) 462-4459 EWTGLANT (757) 462-4449 EWTGPAC (619) 437-3205	EWTGLA NT EWTGPAC	SCJ2 Oprs	This course teaches unit staff personnel (Cpl - Sgt) planning and operations at the unit level and the operation of the Command and control Personnel Computer (C2PC) applications using the IOW.
Intelligence Analysis System (IAS) Operator Course CIN J-243-4224	5 Weeks (4 iterations per year)	Navy and Marine Corps Intelligence Training Center (NMITC)	MAGTF C4I	(757) 492-0243 CMC, Code C4I, (703) 614-2115 DSN 224-2115	NMITC Va. Beach Va.	SCJ2 Oprs	This course provides training on the MAGTF C4I software for the Intelligence Analysis System with in the G/S-2 section as all echelons of command and includes GCCS I3 applications. <a href="http://www.cnet.navy.mil/nmitc/dgit/marine_active">http://www.cnet.navy.mil/nmitc/dgit/marine_active</a>
Unit Operations Specialist Course	2 Weeks (6 Iterations per year)	EWTGLANT EWTGPAC	IOW Command and Control Personnel Computer (C2PC) Apps.	Curriculum Model Manager (757) 462-4459 EWTGLANT (757) 462-4449 EWTGPAC (619) 437-3205	EWTGLA NT EWTGPAC	SCJ2 Oprs	This course teaches unit staff personnel (Cpl - Sgt) planning and operations at the unit level and the operation of the Command and control Personnel Computer (C2PC) applications using the IOW.
COP Basic Functions	Self Paced	SOUTHCOM	C2PC	SOUTHCOM GCCS Branch, Ms. Mimi Azcarraga DSN: 567-3009	Scenario Based Internet (SIPRNET)	All COP Users	The goal of the is on-line training is to aid in providing step-by-step general procedures for building Common Tactical Pictures (CTP) and ultimately a Common Operational Picture (COP) of the US Southern Command area of responsibility (AOR). The Scenario Based Training provides an operator with a scenario and steps through all the necessary tasks to provide information for the AOR. Prior to starting the On-line Training or the SBT the operator should view the GCCS COP Overview and CONOPS.

							<a href="http://www.southcom.smil.mil/gccsinsig/hts/cop/default.htm">http://www.southcom.smil.mil/gccsinsig/hts/cop/default.htm</a>
COP Overview	By request	SOUTHCOM	COP/ C2PC	SOUTHCOM GCCS Branch, Ms. Mimi Azcarraga DSN: 567- 3009	HQs Desktop Training	All COP/ C2PC Users	This is HQs hands-on desk-side training. It is based on the COP Handbook and can be tailored to operational needs.

**APPENDIX B, GCCS Access Request, to SC Reg 25-53, Global Command and Control Systems (GCCS) Command Instructions**

**FOR OFFICIAL USE ONLY**

<b>GCCS Access Request</b>				
<b>SECTION I - COMPLETED BY REQUESTER (1-17, 22-23c)</b>				
1. Badge #	2. Name (Last, First, MI)	3. SSN	4. Service	5. Rank/Grade
6. Phone #	7. Unit/Office Symbol		8. Rotation Date	9. Duty Status (Active, Civilian, etc.)
10. Room #	11. CPU Asset:	12. CAT Member Y N	13. DJTFAC Y N	14. OPG Y N
15. Past GCCS Experience/Training: Y N If so, what?			16. Current Duty Title:	
16. Action (Circle One) ADD DELETE MODIFY		17. GCCS Role (Circle the appropriate standard account) Intel User Ops User DBM Sys Admin ISSO		18. Type of Account (Circle one) Single Global Group/JCAT
<b>GCCS Security Office use only (18-21)</b>				
19. GCCS Userid	20. User Number	21. Account Creation Signature and Date		22. Account Deletion Signature and Date
<b>SECTION II - COMPLETED BY DIRECTORATE/AGENCY</b>				
23. Justification:				
24. Supervising Official certification				
_____		_____		_____
24a. Name and Rank/Grade		24b. Signature		24c. Date
<b>SECTION III - COMPLETED BY SECURITY OFFICE</b>				
25. Clearance Level	26. Date Issued	27. Expiration Date	28. Investigation Type	
29. Printed Name and Signature		30. Date	31. Phone Number	
<b>SECTION IV - COMPLETED BY GCCS COORDINATOR</b>				
32. Validation Approval (Circle one) APPROVED DISAPPROVED		33. Signature		34. Date
35. Notes:				
<b>THIS FORM CONTAINS INFORMATION SUBJECT TO THE PRIVACY ACT OF 1974 AS AMENDED</b>				

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<b>GCCS Access Request</b>			
<b>SECTION V - COMPLETED BY REQUESTER AND OFFICE OF PRIMARY RESPONSIBILITY (OPR)</b>			
36. Applications. (Circle the appropriate permissions and appropriate other applications/permissions. OPR will approve permissions to the following applications for named individual)			
<b>APPLICATION</b>	<b>PERMISSIONS</b>	<b>OPR</b>	<b>OPR Signature and Date</b>
<b>Joint Operation Planning &amp; Execution System (JOPES) Account:</b>	READ WRITE EXECUTE	<b>SCJ5-PLJ</b>	
<b>JOPES</b> - JOPES Editing Tool (JET), Rapid Query Tool (RQT)	<b>OPLAN SERIES:</b>	0001-0999 1000-1999 2000-2999 3000-3999 4000-4999	
<b>FVT</b> - Force Validation Tool	Site FM Restricted	5000-5999 6000-6999 7000-7499 7500-7599 8000-8999	
<b>S&amp;M</b> - Scheduling and Movement	READ WRITE EXECUTE	9000-9599 9600-9699 9700-9999	
<b>RFA</b> - Reference File Administration	COPY UPDATE REPORTS NETWORK	<b>SCJ5-PLJ</b>	
<b>GSORTS Account:</b>			
<b>GSORTS/GIQS</b> - GCCS Status of Resources & Tng System/Info Query System	READ WRITE EXECUTE	<b>SCJ3</b>	
<b>Other Applications:</b>			
<b>COP</b> - Common Operational Picture	READ WRITE EXECUTE	<b>SCJ3</b>	
<b>C2PC</b> - Command and Control Personal Computer	READ WRITE EXECUTE	<b>SCJ3</b>	
<b>ATO</b> - Air Tasking Order	READ WRITE EXECUTE	<b>SCJ3</b>	
<b>GCCS I3</b> - Integrated Imagery & Intelligence	READ WRITE EXECUTE	<b>SCJ2</b>	
<b>GRIS</b> - GCCS Reconnaissance Information System	READ WRITE EXECUTE	<b>SCJ33</b>	
<b>LOGSAFE</b> - Logistics Sustainment Analysis and Feasibility Estimator		<b>SCJ4</b>	
<b>ADD NEW APPLICATIONS BELOW:</b>			

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**APPENDIX C, Acronyms Definitions, to SC Reg 25-53, Global Command and Control System (GCCS) Command Instruction**

AETC	Air Education and Training Command
AMHS	Automated Message Handling System
AOR	Area of Responsibility
C/S	Client/Server
C <sup>2</sup>	Command and Control
C4	Command, Control, Communications and Computers
C <sup>3</sup> I	Command, Control, Communications, and Intelligence
C4IFTW	Command, Control, Communications, Computers and Intelligence for the Warrior
CAPR	Capability Request
CINCs	Commanders-in-Chief
CIWG	Combined Interoperability Working Group
CJTF	Commanders Joint Task Force
CM	Configuration Management
COA	Course of Action
COE	Common Operating Environment
CONOPS	Concept of Operations
COP	Common Operational Picture
DISN	Defense Information System Network
DMS	Defense Message System
EPIP	Evolutionary Phased Implementation Plan
GCC	Global Command and Control
GCCS	Global Command and Control System
GCSS	Global Combat Support System
GRiD	GCCS Requirements Database
GRIS	GCCS Reconnaissance Information System
I3	Integrated Imagery and Intelligence (GCCS I3)
IPL	Imagery Product Library
JIC	Joint Intelligence Center
JOPEs	Joint Operations Planning and Execution System
JSSROC	Joint Southern Surveillance Reconnaissance Operations Center
JTF	Joint Task Force
JTO	Joint Training Organization
LOC	Line of Communications

MIDB	Modernized Integrated Database
MTT	Mobile Training Team
NCA	National Command Authorities
NEO	Noncombatant Evacuation Operation
OPR	Office of Primary Responsibility
PM	Program Manager
TDY	Temporary Duty
TPFDD	Time-Phased Force Deployment Data
UAG	Users Advisory Group

#### Definitions

**C2 Functional Areas:** There are five C2 Functional Areas: 1) Force Development, 2) Intelligence, 3) Sustainment, 4) Mobility & Survivability, and 5) Employ Forces/Firepower. A Commander at Strategic, Operational, or Tactical levels can perform these types of activities.

**Common Operational Picture:** The CINC's depiction of the battlespace for his entire AOR including current disposition of hostile, neutral, and friendly forces as they pertain to U.S. and Allied Joint/Combined operations ranging from peacetime through crisis and war; Combined Intelligence Center generated overlays/projections (weather, battleplans, etc.)

**Echelons of command:** The three levels of command are Strategic, Operational, and Tactical. Strategic covers National Military Command functions (monitor and assess situation, determine mission, coordinate with Congress, issue warning/execute order, select course of action, and monitor deployment) and Theater (CINC) functions (conduct detailed planning, develop COA, posture forces, issue OPORDs, monitor and coordinate deployment, update force status and SITREP for NCA). The Operational level covers the Joint Task Force functions, such as plan component support, disseminate orders, coordinate across components, apply forces and resources, and report mission status. The Tactical level covers the Component functions, such as plan utilization and sustainment, disseminate orders, and coordinate/move forces.

**Employ forces/firepower:** The activities involved in the application of military forces (unified, joint, service, and combined) in a way designed to accomplish objectives and strategy (to include but not limited to: disaster relief, control of civil disturbances, drug enforcement, combating terrorism, and integrated fire). Firepower is employed through the use of collective systems and coordinated use of target acquisition data, direct and indirect fire weapons, armed aircraft of all types, and other lethal and non-lethal means against ground targets in support of maneuver force

operations. This task includes artillery, mortar, and other non-line-of-sight fires, naval gun fire, close air support, and electronic countermeasures and deception. It includes strike, air defense, anti-air/surface/sub-surface defense and naval surface support, counter air, and air interdiction fires. Fire includes all types of ordnance.

**Force planning:** Planning associated with the creation and maintenance of military capabilities. It is primarily the responsibility of the Military Departments and Services and is conducted under the administrative control that runs from the Secretary of Defense to the Military Departments and Services.

**Intelligence:** The intelligence, which is required for the planning, development, and conduct of strategy and campaigns and operations within an Area of Responsibility (AOR). Intelligence and related systems concentrate on the collection of information and the analysis of that information (to include meteorology, topography/mapping, charting, and geodesy), which will lead to the identification and location of high-payoff targets or centers of gravity that, if successfully attacked, will achieve the assigned aims and objectives.

**Joint Personnel Asset Visibility:** Provides the ability to identify, locate and track U.S. Forces by unit and/or individual tasked to support mission requirements identified in a plan/TPFDD or deployment order, who are entering into, in and redeploying out of the JTF AOR. U.S. Forces include active, reserve, military units/personnel; DoD Civilian, contractor personnel, other U.S. non-DoD government personnel, non-U.S. Forces tasked to support the JTF staff or AOR and noncombatant evacuation operation (NEO) personnel within the JTF AOR.

**Joint Total Asset Visibility (JTAV):** DoD's JTAV program provides CINCs, JTF Commanders, Service and Agency personnel with access to a wide range of logistics data. JTAV provides timely and accurate information on the location, movement, status and identity of units, personnel, equipment and supplies across all DoD components. JTAV will also provide users with the capability to act on this information through access to decision support tools designed to improve the overall performance of DoD's logistics practices.

**Release date:** Date that segments (software and documentation) are determined to be ready for fielding and are available on proper distribution media.

**Release notification:** Date segments are determined to be ready for fielding, however software and documentation may not be available yet on proper distribution media.

**Sustainment:** The activities carried out in order to maintain the necessary level and duration of military activity to achieve objectives. This operating function is the activity of providing, maintaining, and transporting (transportation includes movement of the sick and wounded) those levels of force, material, and consumables necessary to support the military strategy and promotes relations across the continuum of U.S. agencies and friendly nations military operations. In operations other than war, supporting and enabling tasks to this joint task pertain to support of U.S. forces and agencies and the advisory and training assistance to a host nation regarding those activities (i.e. humanitarian assistance).