

APPENDIX C

Strategic Signal Units Organizational Structure

STRATEGIC SIGNAL BRIGADE

C-1. The following paragraphs describe the tasking, mission, and capabilities of the Strategic Signal Brigade Headquarters (HQ) as authorized by Table of Organization and Equipment (TOE) 11622A000 (see Figure C-1).

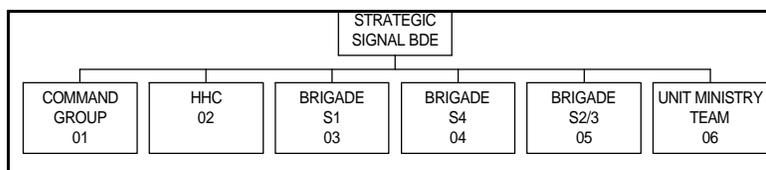


Figure C-1. Theater Strategic Signal Brigade

PARAGRAPH 01, COMMAND SECTION

C-2. The Command Section provides command, control, and staff supervision over the brigade's units.

PARAGRAPH 02, HEADQUARTERS AND HEADQUARTERS COMPANY (HHC)

C-3. The HHC provides the command and administrative personnel for housekeeping operations.

PARAGRAPH 03, ADMINISTRATIVE SECTION

C-4. The Administrative Section provides the personnel and equipment to support the administrative requirements of the brigade.

PARAGRAPH 04, LOGISTICS SECTION

C-5. The Logistics Section provides the personnel and equipment to support the logistical requirements of the brigade.

PARAGRAPH 05, OPERATIONS AND INTELLIGENCE SECTION

C-6. The Operations and Intelligence Section has staff responsibility for planning, coordinating, and supervising the utilization of the operational function of the brigade.

PARAGRAPH 06, UNIT MINISTRY TEAM

C-7. The Unit Ministry Team is responsible for ministering to the members of the brigade. This team consists of a Chapel Activities Specialist (E4, 71M), who works under the supervision of the brigade's chaplain is responsible for the administrative functions associated with assisting the chaplain.

THEATER STRATEGIC SIGNAL BATTALION

C-8. The following paragraphs describe the tasking, mission, and capabilities of the Theater Strategic Signal Battalion as authorized TOE 11656A***. There are four versions of this unit due to the various equipment and information mission of the theater.

VERSION 1 (11656A100) (SEE FIGURE C-2)

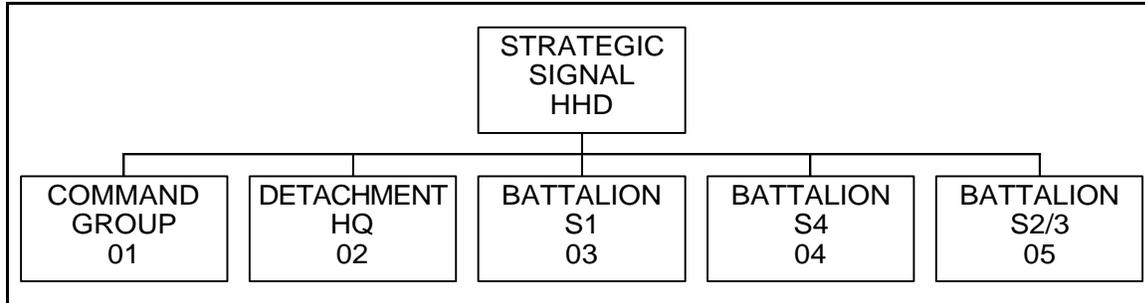


Figure C-2. Theater Strategic Signal Battalion Version 1

Paragraph 01, Command Section

C-9. The Command Section provides command, control, and staff supervision over the battalion's units.

Paragraph 02, Detachment Headquarters

C-10. The Detachment Headquarters provides the command and administrative personnel for housekeeping operations. The Headquarters Detachment is downsized due to the number of personnel assigned.

Paragraph 03, Administrative Section

C-11. The Administrative Section provides the personnel and equipment to support the administrative requirements of the battalion.

Paragraph 04, Logistics Section

C-12. The Logistics Section provides the personnel and equipment to support the logistical requirements of the battalion.

Paragraph 05, Operations and Intelligence Section

C-13. The Operations and Intelligence Section has staff responsibility for planning, coordinating, and supervising the utilization of the operational function of the battalion.

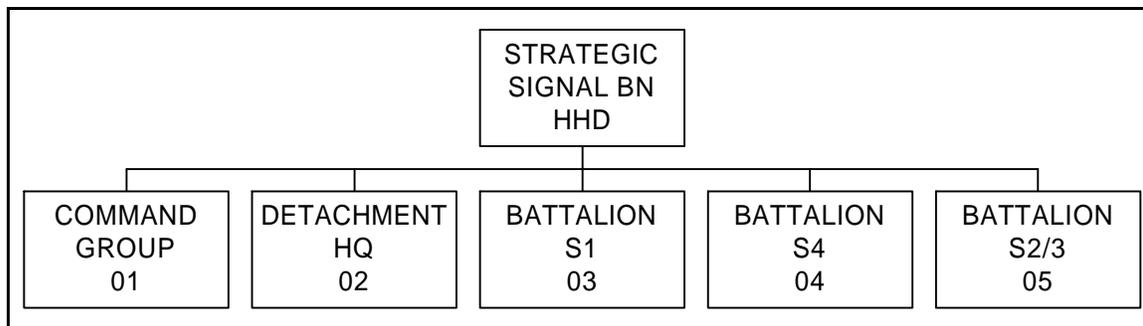
VERSION 2 (11656A200) (SEE FIGURE C-3)

Figure C-3. Theater Strategic Signal Battalion Version 2

Paragraph 01, Command Section

C-14. The Command Section provides command, control, and staff supervision over the battalion's units.

Paragraph 02, Detachment Headquarters

C-15. The Detachment Headquarters is organized to provide the command and administrative personnel for housekeeping operations.

Paragraph 03, Administrative Section

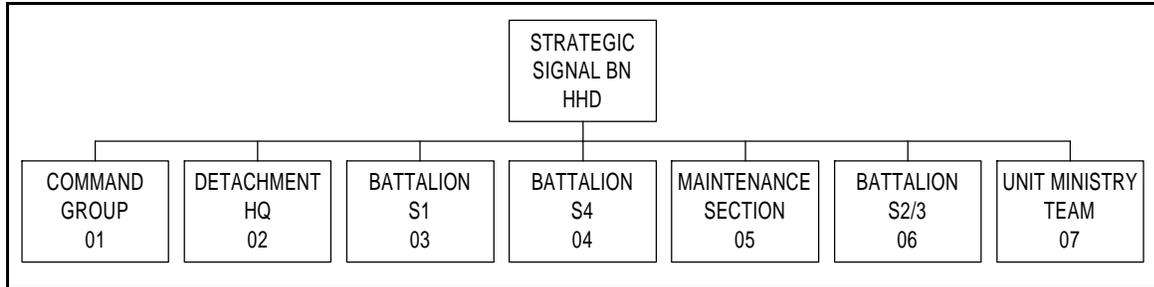
C-16. The Administrative Section provides the personnel and equipment to support the administrative requirements of the battalion.

Paragraph 04, Logistics Section

C-17. The Logistics Section provides the personnel and equipment to support the logistical requirements of the battalion.

Paragraph 05, Operations and Intelligence Section

C-18. The Operations and Intelligence Section has staff responsibility for planning, coordinating, and supervising the utilization of the operational function of the battalion.

VERSION 3 (11656A300) (SEE FIGURE C-4)**Figure C-4. Theater Strategic Signal battalion Version 4****Paragraph 01, Command Section**

C-19. The Command Section provides command, control, and staff supervision over the battalion's units.

Paragraph 02, Detachment Headquarters

C-20. The Detachment Headquarters provides the command and administrative personnel for housekeeping operations.

Paragraph 03, Administrative Section

C-21. The Administrative Section provides the personnel and equipment to support the administrative requirements of the battalion.

Paragraph 04, Logistics Section

C-22. The Logistics Section provides the personnel and equipment to support the logistical requirements of the battalion.

Paragraph 05, Maintenance Section

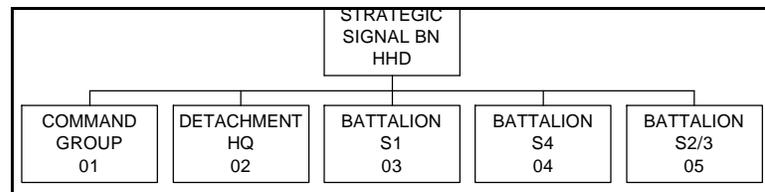
C-23. The Maintenance Section has the staff responsibility for planning, coordinating, and supervising the maintenance of all of the battalion's equipment.

Paragraph 06, Operations and Intelligence Section

C-24. The Operations and Intelligence Section has staff responsibility for planning, coordinating, and supervising the utilization of the operational function of the battalion.

Paragraph 07, Unit Ministry Team

C-25. The Unit Ministry Team is responsible for ministering to the members of the battalion. This team consists of a Chapel Activities Specialist (E4, 71M), who works under the supervision of the battalion's chaplain and is responsible for the administrative functions associated with assisting the chaplain.

VERSION 4 (11656A400) (SEE FIGURE C-5)**Figure C-5. Theater Strategic Signal battalion Version 4****Paragraph 01, Command Section**

C-26. The Command Section provides command, control, and staff supervision over the battalion's units. The Commander is dual-hatted as the Directorate of Information Management (DOIM) for the Area Support Groups (ASGs). The Battalion Commander (05, 25C) is assisted by the Executive Officer (04, 25C), who is charged with supervising the battalion staff. The S1/S4 Officer (03, 25C) advises the Commander on the administrative and logistical matters of the command, and serves as the detachment commander. The Command Sergeant Major (E9, 00Z) is the principal enlisted assistant to the commander and provides guidance to the noncommissioned officers assigned to the battalion.

Paragraph 02, Detachment Headquarters

C-27. The Detachment Headquarters provides the command and administrative personnel for housekeeping operations. It is downsized due to the number of personnel assigned. The Detachment Headquarters consists of a Detachment Sergeant (E7, 31W40), who is responsible for administration and control of personnel.

Paragraph 03, S1 Section

C-28. The S1 Section provides the personnel and equipment for administrative support to the battalion. This section consists of a Personnel Sergeant (E7, 75H), who is responsible for advising the Commander and the S1/S4 Officer on matters dealing with personnel management and utilization and a Personnel Administrative Sergeant (E5, 75B), who handles the administrative functions of the battalion headquarters, such as forms and publications management, and distribution.

Paragraph 04, S4 Section

C-29. The S4 Section provides the personnel and equipment for logistical support to the Battalion. The S4 Section consists of a Unit Supply Noncommissioned Officer (NCO) (E7, 92Y), who coordinates logistical activities with other staff elements supply and service and motor transport units for the battalion and a Supply Sergeant, who assists the Unit Supply NCO with all the logistics activities.

Paragraph 05, S2/3 Section

C-30. The S2/3 Section provides staff management oversight and supervision of the operational information services activities for the battalion. This section consists of the following:

- S3/2 (04, 25C) who is responsible for plans, operations, and security functions.
- Communications-Electronic (C-E) Operations Officer (CPT, 25C) who is responsible for direct supervision and operation of the team,
- Operations NCO (E7, 31W) who is responsible for planning, coordinating, and supervising the installation, operation, and maintenance of telecommunications systems and networks.
- COMSEC material manager (E6, 74C) who is responsible for coordination the COMSEC requirements of the battalion.

STRATEGIC SIGNAL DETACHMENT

C-31. The following paragraphs describe the tasking, mission, and capabilities of the Strategic Signal Detachment (TOE to be published). There are four versions of this unit due to the various equipment and information mission of the theater.

VERSION 1, THEATER COMSEC LOGISTICS SUPPORT CENTER (TCLSC)

C-32. This detachment provides the following:

- Command, control, and supervise assigned and attached personnel.
- Operate and safeguard a COMSEC facility.
- Sustain theater strategic Command, Control, Communications, Computers, and Intelligence (C4I) COMSEC systems.
- Deploy C4I COMSEC systems.

C-33. This unit is organized into a detachment headquarters, COMSEC management platoon, COMSEC maintenance platoon, and Specialized Repair Activity section (see Figure C-6).

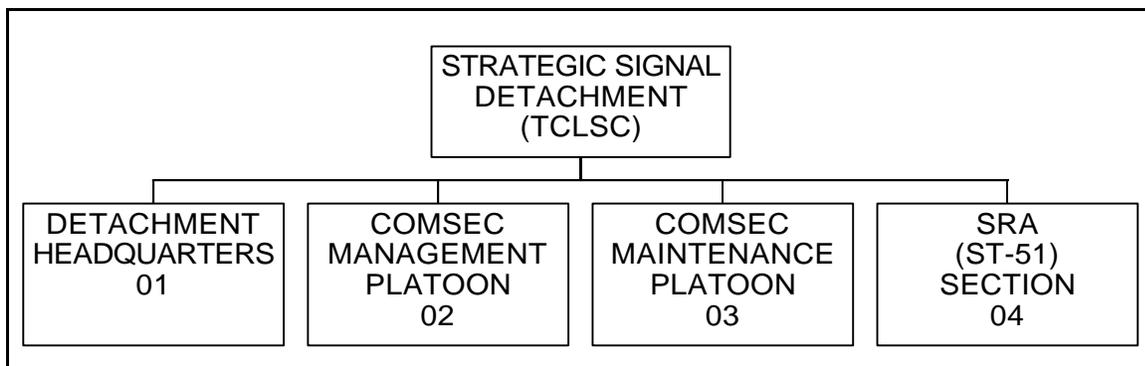


Figure C-6. TCLSC Version 1

Detachment Headquarters

C-34. This section provides command, control, and supervision over personnel assigned or attached to the detachment.

The COMSEC Management Platoon

C-35. This section is responsible for the following:

- Providing operation of the Army Theater Central Office of Record (TCOR) for centralized management and control.
- Reporting all accountable COMSEC material to Army COMSEC Central Office of Record ACCOR within the Area of Responsibility (AOR).
- Serving as the COMSEC drop/pickup point for the Defense Courier Service and other secure means for COMSEC material entering or leaving the theater.
- Providing approval authority for direct delivery to theater accounts during peacetime operations; however, providing delivery to theater accounts during wartime operations.

The COMSEC Maintenance Platoon

C-36. The COMSEC Maintenance Platoon provides COMSEC maintenance support to all US Army forces, military departments, US government agencies, and allies as directed in the AOR.

The Specialized Repair Activity

C-37. The Specialized Repair Activity (SRA) is programmable Automated Test Equipment (ATE) used to repair circuit boards and assemblies down to component level for Controlled Cryptographic Items (CCI) and COMSEC equipment.

VERSION 2, TCLSC

C-38. This detachment provides command, control, and supervision of assigned and attached personnel. It is responsible for the following:

- Operate the Army TCOR.
- Provide General support (GS) and limited SRA (full SRA when approved COMSEC ATE maintenance for COMSEC equipment and backup Direct Support (DS) COMSEC and CCI maintenance).

C-39. This unit is organized into a detachment headquarters, COMSEC management platoon, and COMSEC maintenance platoon (see Figure C-7).

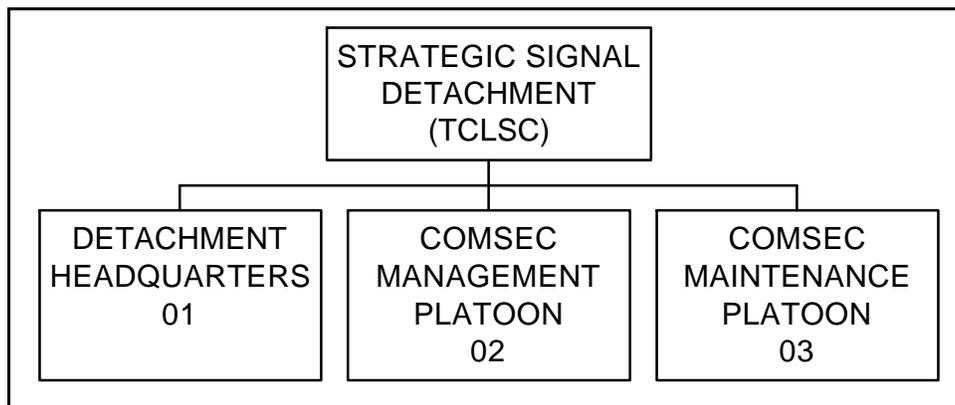


Figure C-7. TCLS Version 2

The Detachment Headquarters

C-40. The Detachment Headquarters provides command, control, and supervision over personnel assigned or attached to the detachment.

The COMSEC Management Platoon

C-41. COMSEC Management Platoon provides operation of the Army TCOR for centralized management and control.

- Reporting to ACCOR for all accountable COMSEC material within the AOR.
- Serving as the COMSEC drop/pickup point for the Defense Courier Service and other secure means for COMSEC material entering or leaving the theater.
- Providing approval authority for direct delivery to theater accounts during peacetime operations; however, providing delivery to theater accounts during wartime operations.

The COMSEC Maintenance Platoon

C-42. Provides COMSEC Maintenance Support to all US Army forces, military departments, US government agencies, and allies as directed in the AOR.

VERSION 3, SIGNAL SYSTEMS ENGINEERING AND IMPLEMENTATION DETACHMENT

C-43. This detachment provides the following:

- Command, control, and supervise assigned and attached personnel.
- Provide demonstrative and logistical support for assigned and attached personnel.
- On order, tactical deploy, sustain, and defend the Detachment during contingency operations.

C-44. This unit is organized into a detachment headquarters, operations/assessment team, reconstitution/installation team, and a quality assurance team (see Figure C-8).

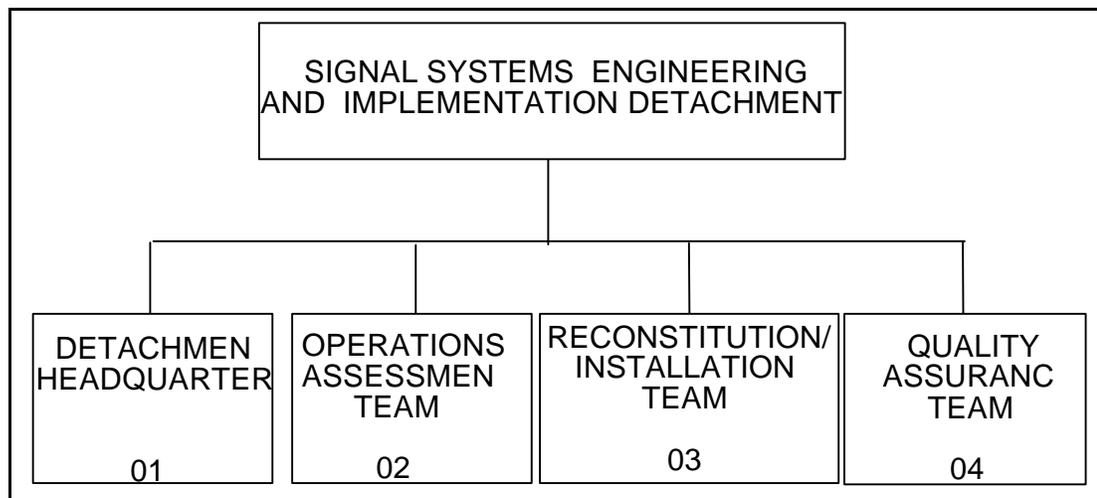


Figure C-8. Signal Systems Engineering and Implementation Detachment

Detachment Headquarters

C-45. Detachment Headquarters provides command, control, and supervision over personnel assigned or attached to the detachment.

The Operations/Assessment Team

C-46. The Operations/Assessment Team plans and assesses survivability/sustainment of strategic signal systems and evaluates collateral damage to strategic signal systems as a result of hostilities.

The Reconstitution/Installation

C-47. The Reconstitution Team provides reconstitution/rehabilitation of damaged strategic signal equipment, systems, and networks to a minimum acceptable level of service in support of the Theater Army C2 infrastructure.

The Quality Assurance Team

C-48. The Quality Assurance Team performs follow-on quality assurance on strategic/sustaining base communications systems to bring full level of service as battlefield conditions permit.

VERSION 4, SPECIAL COMMUNICATIONS SUPPORT

C-49. The detachment provides the following:

- Command, control, and supervision of assigned and attached personnel.
- Maintain the classified and unclassified local area network.
- Maintain classified circuits.

- Provides secure and unsecure phones inside a controlled access building.

C-50. The unit is organized into a headquarters detachment, COMSEC maintenance section and a Defense Communications Systems (DCS) Section. (Figure C-8)

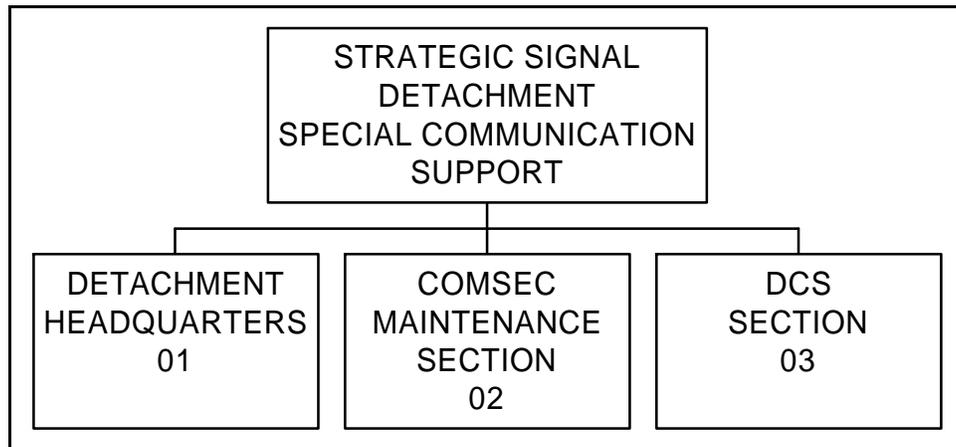


Figure C-8. Special Communications Support, Version 4

Detachment Headquarters

C-51. The Detachment Headquarters provides command, control, and supervision over personnel assigned or attached to the detachment.

COMSEC Maintenance Section

C-52. The COMSEC Maintenance Section provides COMSEC maintenance support to all US Army forces, other military departments, US government agencies and NATO forces, as directed, within the European and Middle Eastern theaters.

The DCS Section

C-53. The DCS Section provides installation, operation, and maintenance of microwave communications and technical control systems and facilities.

THEATER NETWORK AND SYSTEMS OPERATIONS CENTER (TNSOC)

C-54. TNSOC provides the following:

- Status information from the monitor and control functions of the network elements.
- Graphical and text representations of the overall network or system(s), individual sites, logical diagrams, and individual pieces of equipment that comprise the network or system.
- Combined network and systems management focus.
- Automated, distributed trouble-ticketing and action request system.

- Single point of contact for problem resolution.
- Instrumentation of the managed elements to enable a remote management capability.

C-55. This unit is specifically designed to operate as an attachment to a brigade headquarters, dependent upon said headquarters for health services, finance, legal, personnel administration, billeting, chaplain assistance, food service, Nuclear, Biological, and Chemical (NBC) decontamination, and supplemental transportation services.

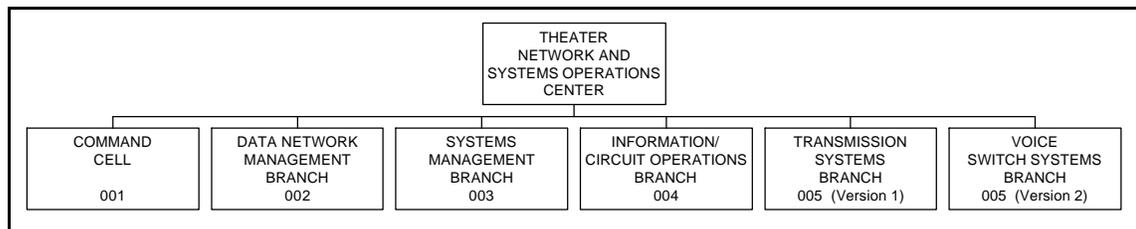


Figure C-9. Theater Network and Systems Operations Center (TNSOC)

VERSION 1 AND VERSION 2

Paragraph 01, Command Cell

C-56. The Command Cell provides command, control, and staff supervision over the TNSOC.

Paragraph 02, Data Network Management Branch

C-57. Data Network Management Branch is responsible for router/terminal server installation, configuration, control, and monitoring.

C-58. **Configuration Management Cell.** This cell provides expertise and control over router/terminal server installation and configuration, as well as access control. The Configuration Management Cell tests, configures, and evaluates new network equipment. This cell also trouble-shoots and corrects network anomalies.

C-59. **Network Administration Cell.** This cell is responsible for monitoring network assets and network performance data. The Network Administration Cell also prepares and processes network performance reports.

Paragraph 03, Systems Management Branch

C-60. The Systems Management Branch is responsible for hardware/software configuration; TNSOC account and database maintenance; network security; and e-mail/Defense Message Switch (DMS) management.

C-61. **Information Systems Administration Cell.** This cell is the authority for hardware/software configuration and Operating System (OS) upgrades. It is responsible for network security administration; e-mail/DMS and Domain Name Service (DNS) management; host registration; and Terminal Server Access Controller System (TSACS)+ administration.

C-62. **Database Management Cell.** This cell maintains the TNSOC accounts and data integrity. It performs database administration functions to include test, implementation, manipulation, and report generation.

Paragraph 04, Information/Circuit Operations Branch

C-63. The Information/Circuit Operations Branch provides Help Desk service and prepares and presents the Hazcon/Outage Report for the brigade. This branch opens, assigns, and closes-out trouble tickets. It monitors outages as reported by the battalions, maintains quality assurance checks, and compiles and analyzes outage trend statistical data.

Paragraph 05, Version 1, Transmission Systems Branch

C-64. This version is for a Theater Tactical Signal Brigade without a Theater Signal Command (TSC) in theater. It is responsible for monitoring and maintaining the Synchronous Optical Network (SONET) microwave and fiber optic systems, as well as the Digital Patch and Access (DPAS) frames and Matrix Switches.

C-65. **Transmission Cell.** This cell ensures the databases, equipment, and software configurations for the associated SONET microwave and fiber optic systems are updated and maintained. The Transmission Cell coordinates with the Regional Control Centers (RCC) to collect transmission data and provide data distribution.

C-66. **Circuit Control Cell.** This cell is responsible for the remote operations of the five DPAS frames to include circuit provisioning and administration. This cell also performs remote technical control operation of the Matrix Switches for automated technical control functions at six locations.

Paragraph 05, Version 2, Voice Switch Systems Branch

C-67. This version applies to a Theater Strategic Signal Brigade without a TSC in theater. The Voice Switch Systems Branch is responsible for monitoring the Pacific Command PACOM DSN assets. It performs outage trend analysis, compiles statistics, and forecasts DSN growth and future requirements.