

ACCEPTANCE TEST PROCEDURES-  
GTD-5 EAX

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| BOCF - Basic Central Control Frame. . . . .                                   | 21   |
| OCSF/CSUF - Combined Common Peripheral Expander And Signaling System. . . . . | 22   |
| CIMF - Combined Input/Output Memory Frame . . . . .                           | 24   |
| CMCF - Combined Message Distributor Circuit And Network Clock Frame . . . . . | 25   |
| CPMF - Common Protected Memory Frame. . . . .                                 | 26   |
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| Line Call Through Tests . . . . .   | 35   |
| Line Tests Verification . . . . .   | 36   |
| MDEF - Message Distributor Expansion Frame. . . . .                           | 38   |
| MISF - Miscellaneous Frames (Physical). . . . .                               | 39   |
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| PTCF - Peripheral Test Console Frame. . . . .                                 | 47   |
| RCUF - Remote Control Unit Frame. . . . .                                     | 48   |
| SPAN HOST/REMOTE LINK . . . . .   | 50   |
| SPCF - Spare Card Frame . . . . .   | 51   |
| SSUF - Spare Switch Unit Frame. . . . .                                       | 52   |
| TCUF - Time Switch And Peripheral Control Unit Frame. . . . .                 | 53   |
| TPCF - Telephony Processor Complex Frame. . . . .                             | 54   |
| TRS - Timed Routine Scheduler . . . . .                                       | 55   |
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## 1. GENERAL

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### 1.1 Purpose

This practice provides the:

- Procedures to be followed for the operational acceptance testing of the GTD-5 EAX after the system is installed or rearranged.

NOTE: Other information to be consulted during testing is found in:

- The COE Installation handbook CH-110.
  - Other Telops Practices.
  - The installation test plan.
  - The AGCS COE Installation Test handbook CHB-224-002.
  - AGCS GTD-5 User's Guide.
- Guidelines for determining whether the equipment meets the functional requirements described in the applicable Telops Practices.

### 1.2 Filing Instructions

File this practice in numerical order in your practice set.

### 1.3 Supersedures

This practice cancels and supersedes practice 200-002-724 Issue 1, September 1986.

### 1.4 Reason For Reissuing

This practice is reissued to:

- Update information on acceptance test forms.
- Assign new corporate form numbers.
- Re-package the basic equipment acceptance forms separately from other product line acceptance form packages.

### 1.5 Copyright And Responsibility

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### 1.6 Disclaimer

This GTE Practice has been prepared for GTE employees. GTE hereby disclaims any responsibility or liability for any consequential or inconsequential damages that may result from the use of this practice.

## 1. GENERAL, continued

1.7 Before proceeding with acceptance testing, all personnel involved must  
Required understand the general philosophy and methods provided in the  
Knowledge of following practices:  
Related  
Practices

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|                                 |                           |
|---------------------------------|---------------------------|
| For Information About The . . . | See Telops Practice . . . |
|---------------------------------|---------------------------|

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|                              |             |
|------------------------------|-------------|
| Acceptance Test-General Plan | 200-002-010 |
|------------------------------|-------------|

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|                                     |             |
|-------------------------------------|-------------|
| GTD-5 Eax Field Implementation Plan | 224-000-500 |
|-------------------------------------|-------------|

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|                                 |             |
|---------------------------------|-------------|
| Acceptance Test-Basic Equipment | 200-002-700 |
|---------------------------------|-------------|

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|  |             |
|--|-------------|
| OO Grounding And Electrical Protection | 795-805-074 |
|--|-------------|

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|  |             |
|--|-------------|
| Work Order Implementation Procedures-COE | 220-001-004 |
|--|-------------|

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## 2. FORMS

2.1 The following chart lists the forms to be used when performing  
Covered In acceptance tests for the GTD-5 EAX. These forms are illustrated in  
Related other related GTE practices.  
Practices

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| Form<br>Number . . . | Dealing With . . .                          | Is Illustrated<br>In Practice . . . |
|----------------------|---|-------------------------------------|
| 90002631             | Acceptance-Co Facilities<br>Basic Equipment | 200-002-700                         |
| 90002632             | General Acptance-Generic For                | 200-002-700                         |
| 90002633             | Acceptance Discrepancy Repoort              | 200-002-700                         |
| 90002634             | Acceptance-Formal Summary                   | 2 0 0 - 0 0 2 - 7 0 0               |
| 90001528             | CO Grounding and Electrical<br>Protection   | 795-805-074                         |

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(continued)

2. FORMS, continued

2.2  
Acceptance  
OO Facilities  
Sections of  
Form 90002635

A listing of the sections of Form 90002635 OO Facilities GTD-5 EAX are as follows:

| Exhibit | Dealing With Acceptance - OO Facilities Part . . .                  | Is Illustrated On Page . . . |
|---------|---|------------------------------|
| 1       | ACIF - Administrative Control and Input/Output Frame                | 17                           |
| 2       | ALUF/ELMF/ESSE/ESEF/SFME/SSEF/SSSE- Analog Line Unit Frames         | 19                           |
| 3       | ATUF - Analog Trunk Unit Frame                                      | 20                           |
| 4       | BOCF-Basic Central Control Frame                                    | 21                           |
| 5       | OCSE/CSUF-Combined Common Peripheral Expander And Signaling System  | 22                           |
| 6       | CIME - Combined Input/Output Memory Frame                           | 24                           |
| 7       | CMCF - Combined Message Distributor Circuit and Network Clock Frame | 25                           |
| 8       | CPMF - Common Protected Memory Frame                                | 26                           |
| 9       | DMIM - Data Management Transmission Module                          | 27                           |
| 10      | DTUF - Digital Trunk Unit Frame                                     | 29                           |
| 11      | Features-Basic System (Sheet 1 & 2)                                 | 30                           |
| 12      | Features Verification-Trunk System                                  | 32                           |

(continued)

**2. FORMS, continued**

2.2  
Acceptance  
CO Facilities  
Sections of  
Form 900026354,  
continued

| Exhibit | Dealing With Acceptance - CO<br>Facilities Part...              | Is Illustrated<br>On Page . . . |
|---------|---|---------------------------------|
| 13      | FTUF - Facilities Test Unit Frame                               | 34                              |
| 14      | Line Call Through Tests   | 35                              |
| 15      | Line Tests Verification   | 36                              |
| 16      | MDEF - Message Distributor<br>Expansion Frame                   | 38                              |
| 17      | MISF - Miscellaneous Frames (Physical)                          | 39                              |
| 18      | MISF - Miscellaneous Frames (Functional)                        | 4 0                             |
| 19      | MTUF - Magnetic Tape Unit Frame                                 | 42                              |
| 20      | MUF_ - Miscellaneous Utility Frames<br>MUFA/MUFB/MUFC/MUED/MUFE | 43                              |
| 21      | MXU - Direct Connect  | 45                              |
| 22      | PTCF - Peripheral Test Console Frame                            | 47                              |
| 23      | RCUF - Remote Control Unit Frame                                | 48                              |
| 24      | SPAN HOST/REMOTE LINK   | 50"                             |
| 25      | SPCF - Spare Card Frame   | 51                              |
| 26      | SSUF - Space Switch Unit Frame                                  | 52                              |

(continued)

## 2. FORMS, continued

### 2.2

Acceptance  
CO Facilities  
Sections Of  
Form 90002635,  
continued

| Exhibit | Dealing With Acceptance - CO<br>Facilities Part . . .   | Is Illustrated<br>On Page . . . |
|---------|---|---------------------------------|
| 27      | TCUE - Time Switch and Peripheral<br>Control Unit Frame | 53                              |
| 28      | TPCF-Telephony Processor Complex<br>Frame               | 54                              |
| 29      | TRS - Timed Routine Scheduler                           | 55                              |
| 30      | Trunk Testing   | 56                              |

### 2.3

Instructions  
For Forms

Instructions for use of the forms are:

- Complete the appropriate forms for each frame.
- Use additional forms for miscellaneous items.

### 2.4

Evaluating  
Unlisted Items  
Or Equipment  
That Has Been  
Changed

Use the blank Generic Acceptance Form 90002632 for evaluating unlisted items or equipment that have been changed.

Usually all acceptance forms have two sections:

- The upper section is for the physical inspection.
- The lower section is for the functional testing.

### 2.5

Respon-  
sibilities

The following chart establishes who is responsible for:

- Completing the forms.
- Forwarding and filing the forms.

| who Does It   | What is Done                                     |
|---|--|
| The installation person performing<br>the inspection work | Initials the forms in the<br>"INSPECTED" column. |

(continued)

2. FORMS, continued

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2.5  
Respon-  
sibilities,  
continued

| who Does It   | What is Done   |
|---|--|
| The maintenance person performing the acceptance work | <ul style="list-style-type: none"><li>• Initials the forms in the "ACCEPTED" column.</li><li>• Uses the "REMARKS" section for rejected entries whenever a check list item fails to pass acceptance.</li></ul>        |
| The person making corrections to rejected items       | Enters "corrected," the date and initials immediately after the rejected entry.  |
| The Maintenance Supervisor                            | Enters the completion date in the "COMPLETED" column when all the acceptance test have been completed.   |
| Both Construction and Maintenance supervisors         | Sign and date the form (Exhibits 1 through 30) signifying final acceptance.  |
| The Maintenance Supervisor                            | <ol style="list-style-type: none"><li>(1) Collects the completed forms including the Administrative Part of Form 90002631, and any associated records.</li><li>(2) Maintains them for historical purposes.</li></ol> |

### 3. REFERENCES

#### 3.1 Related Documents

These technical documents are either referenced on the individual acceptance forms (see Exhibits 1 through 30) or are specifically related to the GID-5 EAX.

| Section Or<br>Handbook Number | Subject   |
|-------------------------------|---|
| 200-002-010                   | Acceptance Test-General Plan  |
| 200-002-700                   | Acceptance Test-Basic Equipment   |
| 205-502-701                   | Engine Driven Emergency Generators<br>Maintenance                         |
| 220-001-004                   | Work Order Implementation Procedures-COE                                  |
| 220-014-007                   | Quiescent Test Criteria And Turnover<br>Definition For The GID-5 EAX      |
| 224-000-011                   | EAX GID-5 Documentation Support Plan                                      |
| 224-000-500                   | EAX GID-5 Field Implementation Plan                                       |
| 224-000-601                   | EAX GID-5 Scheduling of Routine<br>Maintenance                            |
| 224-000-602                   | EAX GID-5 Transmission Test Network<br>Calibration and Verification       |
| 224-017-020                   | EAX GID-5 Product Line Reference Guide                                    |
| 224-121-100                   | EAX GID-5 IATS Access Controller -<br>Description and Theory of Operation |

(continued)

### 3. REFERENCES, continued

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3.1  
Related  
Documents,  
continued

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| Section Or<br>Handbook Number | Subject  |
|-------------------------------|--|
| 331-310-510                   | Transmission Testing Battery Supply<br>Circuits in Central Offices Message Noise<br>Measurements   |
| 331-350-500                   | Host/Remote Link DS-1 Transmission<br>Verification and Test Procedures   |
| 795-805-071                   | Central Office Grounding Systems<br>Engineering Applications   |
| 795-805-072                   | AC Service Grounding Engineering<br>Application  |
| 795-805-073                   | Central Office Grounding Transmission<br>Equipment   |
| 795-805-074                   | Inspecting Electronic Central Office and<br>PABX Grounding and Protection  |
| 795-805-075                   | Remote Electronic Serving Area Grounding<br>Systems - Engineering Considerations   |
| CH-110                        | COE Construction Handbook: <ul style="list-style-type: none"><li>• Installation Procedures.</li><li>• Inventory and Configuration Control.</li><li>• Power Plant Installation.</li><li>• Superstructure Installation.</li><li>• Equipment Erection.</li><li>• Cable Installation Procedures.</li></ul> |

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(continued)

### 3. REFERENCES, continued

3.1  
Related  
Documents,  
continued

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| sectionor<br>Handbook Number | Subject |
|------------------------------|---------|
|------------------------------|---------|

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CHB-224-002

GID-5 EAX COE Test Handbook:

- Test Power-up.
  - Central Control Tests.
  - Network and Peripheral Tests.
  - T1 Span Line Tests.
  - Remote Unit Tests.
  - System Recovery.
  - Man Machine Interface.
  - AC/DC Utility.
  - Call Processing Tests.
  - Multiple Call Tests.
  - System Verification Tests.
- 
- 

3.2  
Testing  
Hardware and  
Software  
Guidelines

The GID-5 EAX Central Office Installation Test Handbook CH-224-002 present the guidelines for testing all hardware and software associated with the GID-5 EAX family of switches.

The structure and flow of information in the handbooks follow the GID-5 EAX field trial implementation plan testing included in Practice 224-000-500, GID-5 EAX Field Implementation Plan.

The philosophy of testing presented in the handbooks is based on developing system capabilities sequentially. Each development capability is used in turn to develop further capabilities until the entire system is operational.

NOTE: Practice 224-000-011, GID-5 EAX Documentation Support Plan, contains a listing of documentation related to the GID-5 EAX.

3.3  
Other Documents  
Required On  
Site

The following documents are necessary for proper system acceptance and are required to be at the site:

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| Document     | Part | Subject                                 |
|--------------|------|---|
| User's guide | 0    | User Guide Index                        |
|              | 1    | Introduction and Operating Instructions |

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(continued)

### 3. REFERENCES, continued

| 3.3<br>Other Documents<br>Required On<br>Site,<br>continued | Document               | Part | Subject  |
|---|------------------------|------|--|
|   | User's guide,<br>cont. | 2    | Growth Procedures  |
|   |                        | 3    | Administrative Control and Display<br>Complex  |
|   |                        | 4    | Message Class and Terminal Assignment: <ul style="list-style-type: none"><li>• General Information.</li><li>• Input Messages.</li><li>• Output Messages.</li><li>• Detailed Information.</li></ul> |
|   |                        | 5    | Maintenance and Status   |
|   |                        | 6    | Line and Trunk Testing   |
|   |                        | 7    | System Malfunction Analysis  |
|   |                        | 8    | Report Maintenance Counters  |
|   |                        | 9    | Traffic Data Administration  |
|   |                        | 10   | Network and Switch Management  |
|   |                        | 11   | Office Dependent Data Administration<br>(ODD)  |
|   |                        | 12   | Recent Change Customer Service   |
|   |                        | 13   | Recent Change Switch Engineering   |
|   |                        | 14   | Miscellaneous  |

(continued)

### 3. REFERENCES, continued

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#### 3.3

Other Documents  
Required On  
Site,  
continued

| Document  | Part | Subject   |
|---|------|---|
| User's guide,<br>cont.  | 15   | Repair Manual   |
|   | 16   | Appendix  |
| System Version<br>Release Listings                            |      | Generic Switching System Version<br>Release Listings, numbered CM-XXXXXX -<br>with the following suffixes: <ul style="list-style-type: none"><li>• SV System Version Stocklist.</li><li>• SVR System Version Release.</li><li>• INT Introduction.</li><li>• FED Feature Description.</li><li>• OIP Memory Requirements and<br/>Hardware on Line<br/>implementation plan.</li><li>• BUP Bring Up Procedure.</li><li>• GSW Generic Software.</li><li>• AD1 Additional System Information.</li></ul> |
| Diagrams -<br>Engineering<br>specifications                   |      | Office Engineering Configurations<br>(EBS, ECs, ELS, ERS, FBs): <ul style="list-style-type: none"><li>• Engineering Bulletins.</li><li>• Engineering Configuration Documents<br/>(ECDs).</li><li>• Functional Diagrams (ERS, FAs, FBs,<br/>EDs, FEs).</li><li>• Job Drawings (JDs).</li><li>• Drawings.</li><li>• Other Vendor's Manuals, Prints, and<br/>Documentation.</li></ul>  |
| Practice 224-017-<br>020, Product Line<br>Reference Guide     |      | This has additional information about<br>frame mnemonics, modules (where used),<br>storage cabinets, etc.   |
| All Manuals of<br>Equipment<br>Supplied by<br>Other Suppliers |      | <ul style="list-style-type: none"><li>• Drain.</li><li>• Northeast.</li><li>• Audichron, etc.</li></ul>   |

#### 4. ADMINISTRATIVE PROCEDURES

- 4.1 Physical Inspection Physical inspection of the GTD-5 EAX may be started at any time during installation, provided that subsequent activities will not change the results.
- 4.2 Functional Testing Functional test routines will be performed for newly installed equipment (initial and growth) in accordance with facility acceptance test forms, CHB 224-002 Section 3, Installation Test Plan, and/or local practices.
- 4.3 Turnover Date The turnover date will be derived from established Telco requirements.
- 4.4 Responsibilities During the period between the turnover date to in-service date, the administration of the system, and the necessary preparation for its being placed in service, will be the joint responsibility of both Maintenance and Construction personnel to eliminate duplicate testing efforts. (Reference Telops Practices 220-002-010, 220-001-004, and 220-001-001 for detailed information.)
- 4.5 Pre-Conversion Testing Period Activities The following activities must take place during the period from turnover to in-service:
1. Complete all items on the various acceptance forms.
  2. Correct all deficiencies found (Construction personnel).
  3. Perform diagnostics on all of the system hardware.  
  
NOTE: Diagnostics may be performed prior to turnover. A joint effort on system diagnostics is recommended to reduce duplicate testing.
  4. Schedule all routines and System Malfunction Analysis (SMA) printouts.
  5. Verify the office data base and correct all errors and deficiencies identified.
  6. Operate the Test Load Simulator (TLS) across the entire network to ensure that the GTD-5 EAX meets the prescribed performance criteria.
  7. Take memory dumps, test the metering packages and traffic studies of the system with TLS running. Evaluate the GTD-5 EAX performance based on the SMA printouts and TLS reports and clear or explain all malfunctions that occur.

(continued)

#### 4. ADMINISTRATIVE PROCEDURES, continued

- 4.5  
Pre-Conversion  
Testing Period  
Activities,  
continued
8. Complete the billing test.
9. Operate the office in an on-line environment to acquaint maintenance personnel with all functions related to operating an EAX office.
- 4.6  
Records  
Required  
On Site
- The following records are necessary for proper system acceptance and are required to be at the site:
- System Version Release Document (SVRD).
  - Site Log.
  - Patch Log.
  - Recent Change Log.
  - Printed Circuit Board (PCB) Repair & Return Log.
  - Current Generic Tape.
  - Data Base Tape.
  - Office EB, EC, ECD, EL, FE, and JD drawings.
  - CM-XXXXXX Listings.
  - GID-5 EAX User's Guide.
  - Sections of GTE practices pertaining to the GTE-5 EAX (refer to GTE Practice 224-000-011).

#### 5. RESPONSIBILITIES

- 5.1  
Introduction
- Direct responsibility for the implementation and administration of all acceptance procedures rests with the COE Construction and Maintenance Departments.
- 5.2  
COE  
Construction  
Department
- COE Construction is responsible for:
1. Providing required documentation and test equipment to properly perform all required physical and functional tests.
  2. Ensuring all marked drawings are current and on site.
  3. Determining schedule and approximate completion dates for the acceptance phase of the job.
  4. Preparing acceptance forms as required for inspecting the physical and functional portions of the installation.
  5. Making all correction of faults found during acceptance of the equipment unless otherwise specified.

## 5. RESPONSIBILITIES, continued

5.3  
Equipment  
Maintenance  
Department

Equipment Maintenance is responsible for:

1. Verifying receipt of all drawings and Engineering documentation.
2. Ensuring all marked drawings are current and confirming that correct processing procedures have been followed.
3. Assisting, if required and so arranged with construction department, in the correction of detected equipment failures.
4. After the turnover date, maintaining the status of the physical and functional tests associated with the acceptance job.

## 6. TIME FRAME CONSIDERATIONS AND OBJECTIVES

6.1  
Quiescent  
Period

A quiescent period will be required to assess the condition of the switch. During the quiescent period no other activities will be performed. (Reference Telops Practices 220-014-007 Quiescent Test Criteria And Turnover Definition for the GID-5 EAX)





**ALUF/ELMF/ESSF/ESEF/SEMF/SSEF/SSSF-ANALOG LINE UNIT FRAMES**

ACCEPTANCE — CO FACILITIES **GTD-5 EAX**  
**ALUF/ELMF/ESSF/ESEF/SFMF/SSEF/SSSF — ANALOG LINE UNIT FRAMES**  
 FORM 90002635  
 Ref 200-002-724

| DIVISION                                      |  | EXCHANGE | LOC/CLI CODE                 | CENTRAL OFFICE |       |       |
|---|--|----------|------------------------------|----------------|-------|-------|
| WORK ORDER NO.                                |  |          | DESCRIPTION                  |                |       |       |
| DESCRIPTION (CONT.)                           |  |          |                              |                |       |       |
| FRAME OR SYSTEM                               |  |          | CONSTRUCTION SUPERVISOR/DATE |                |       |       |
| ACCEPTED BY/DATE                              |  |          | MAINTENANCE SUPERVISOR/DATE  |                |       |       |
| ITEM  | ITEM TO BE VERIFIED AND ACCEPTED — PHYSICAL  |          |                              | COMP.          | INSP. | ACPT. |
| 1   | frame secured properly per GTEP 237-050-204 and H-440000   |          |                              |                |       |       |
| 2   | All misc. hardware installed (kick plates, junctioning, etc.) per EC-95500, EC-95503,4,5 and EC-95512  |          |                              |                |       |       |
| 3   | Verify that all power connections are tight per GTEP 205-000-500   |          |                              |                |       |       |
| 4   | All cables and alarm leads are secure and dressed per GTEP 256-224-216, 256-050-203 to 206 and 256-600-201   |          |                              |                |       |       |
| 5   | All cables labeled per GTEP 256-224-216 and 244-XXX series   |          |                              |                |       |       |
| 6   | Verify proper grounding of frame reference per 795-805-071, 074 and EC-95506<br>Ensure LPG ground cable properly run & installed on frames with newer line card -16248-A per 795-805-071 and 256-224-216 |          |                              |                |       |       |
| 7   | Verify proper isolation requirements per 237-224-214   |          |                              |                |       |       |
| 8   | Verify that proper size fuses have been installed in frame per EPDG job drawing and EL-XXXXX-XXX mnemonic page PVVR  |          |                              |                |       |       |
| 9   | Oaisy chains removed   |          |                              |                |       |       |
| 10  | Verify proper issue FBs in proper file and slot, card strips properly designated per the respective -XXEL job drawing. -SV system version stocklist and/or BUP bring-up procedure document               |          |                              |                |       |       |
| 11  | Frame embossed per appropriate GTEP 244 series   |          |                              |                |       |       |
| 12  | Verify that card locks are installed property and not damaged  |          |                              |                |       |       |
| 13  | Drawings marked and processed per 220-001-001  |          |                              |                |       |       |
| 14  | Verify backplane protection installed property per EC-9551 1   |          |                              |                |       |       |
| 15  | Verify all TAC bulletin board items for implementation   |          |                              |                |       |       |
| ITEM TO BE VERIFIED AND ACCEPTED — FUNCTIONAL |  |          |                              |                |       |       |
| 1   | Verify power down and power up procedures on all equipped ALPs (Refer to User's Guide Section 15 ALP)  |          |                              |                |       |       |
| 2   | Verify that both copies of the ACUs will operate in a simplex and full duplex mode (Refer to User's Guide Section 5 ACU)   |          |                              |                |       |       |
| 3   | Verify diagnostics and/or routines performed on all equipped ALUs (Refer to User's Guide Section 5 ACU, ALU, ALP, UNE, and MRCC)   |          |                              |                |       |       |
| 4   | Verify status commands on at least one of each of the hardware units per ALUF (Refer to User's Guide Section 5 ACU, ALU, ALP, LINE, LNCD, MRPC, and MRCC)  |          |                              |                |       |       |
| REMARKS                                       |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |

Exhibit 2



**ECCF BASIC CENTRAL CONTROL FRAME**

ACCEPTANCE — CO FACILITIES GTD-5 EAX  
 ECCF — BASIC CENTRAL CONTROL FRAME.  
 FORM 90002635  
 Ref 200-002-724

| DIVISION                                      |   | EXCHANGE | LOC/CLI CODE                 | CENTRAL OFFICE |  |      |       |       |
|---|---|----------|------------------------------|----------------|--|------|-------|-------|
| WORK ORDER NO.                                |   |          | DESCRIPTION                  |                |  |      |       |       |
| DESCRIPTION (CONT.)                           |   |          |                              |                |  |      |       |       |
| FRAME OR SYSTEM                               |   |          | CONSTRUCTION SUPERVISOR/DATE |                |  |      |       |       |
| ACCEPTED BY/DATE                              |   |          | MAINTENANCE SUPERVISOR/DATE  |                |  |      |       |       |
| ITEM  | ITEM TO BE VERIFIED AND ACCEPTED — PHYSICAL   |          |                              |                |  | COMP | INSP. | ACPT. |
| 1   | frame secured <b>properly</b> per GTEP 237-050-204 and H-440000   |          |                              |                |  |      |       |       |
| 2   | All misc. hardware Installed ( <b>kick plates, junctioning, etc.</b> ) per EC-95500, EC-95503,4,5 and EC-95512  |          |                              |                |  |      |       |       |
| 3   | Verify <b>that all power</b> connections are tight per GTEP 205-000-500   |          |                              |                |  |      |       |       |
| 4   | All <b>cables</b> and alarm leads are secure and dressed per GTEP 256-224-216, 256-050-203 to 208 and 256-600-201   |          |                              |                |  |      |       |       |
| 5   | All cables labeled per GTEP 256224-216 and 244-XXX series   |          |                              |                |  |      |       |       |
| 6   | Verify <b>proper</b> grounding of <b>frame</b> reference per 795-805-071, 074 and EC-95506  |          |                              |                |  |      |       |       |
| 7   | Verify proper isolation requirements per 237-224-214  |          |                              |                |  |      |       |       |
| 8   | Verify that proper size fuses have been Installed in frame per EPDG job drawing and EL-XXXX-XXX mnemonic page PWR   |          |                              |                |  |      |       |       |
| 9   | Daisy chains removed  |          |                              |                |  |      |       |       |
| 10  | Verify proper issue <b>FBs</b> in proper <b>file</b> and <b>slot</b> , card strips <b>properly</b> designated par the respective -XXEL job drawing, -SV system version <b>stocklist</b> and/or <b>BUP bring-up</b> procedure document |          |                              |                |  |      |       |       |
| 11  | Frame embossed per appropriate GTEP 244 series  |          |                              |                |  |      |       |       |
| 12  | Verify that card locks are installed <b>properly</b> and not damaged  |          |                              |                |  |      |       |       |
| 13  | Drawings marked and processed per 220-001-001   |          |                              |                |  |      |       |       |
| 14  | Verify backplane protection installed <b>properly</b> per EC-95517  |          |                              |                |  |      |       |       |
| 15  | Verify <b>all</b> TAC bulletin hoard items for implementation   |          |                              |                |  |      |       |       |
| ITEM TO BE VERIFIED AND ACCEPTED — FUNCTIONAL |   |          |                              |                |  |      |       |       |
| 1   | Verify power down and power up procedures on both copies of the APC and TPC (Refer to User's Guide Section 15 MPP)  |          |                              |                |  |      |       |       |
| 2   | Verify that both copies of the APC and TPC will operate in a simplex (same copy and cross copy) and <b>full</b> duplex mode (Refer to User's Guide Sectbn 5 MP)   |          |                              |                |  |      |       |       |
| 3   | Verify diagnostics and/or routines performed on both copies of the APC and TPC (Refer to User's Guide Section 5 MP, MPP, DM, DMB)   |          |                              |                |  |      |       |       |
| 4   | Verify status commands on both copies of the APC and TPC (Refer to User's Guide Section 5 MP, MPP, DM, DMB, APCA, and TPCA)   |          |                              |                |  |      |       |       |
| REMARKS                                       |   |          |                              |                |  |      |       |       |
|   |   |          |                              |                |  |      |       |       |
|   |   |          |                              |                |  |      |       |       |
|   |   |          |                              |                |  |      |       |       |
|   |   |          |                              |                |  |      |       |       |
|   |   |          |                              |                |  |      |       |       |

Exhibit 4





**CIMF - COMBINED INPUT/OUTPUT MEMORY FRAME**

ACCEPTANCE -- CO FACILITIES GTD-5 EAX  
**CIMF -- COMBINED INPUT/OUTPUT MEMORY FRAME**  
 FORM 0002635  
 Ref 200-002-724

| DIVISION                                       |  | EXCHANGE | LOC/CLU CODE                 | CENTRAL OFFICE |       |      |
|--|--|----------|------------------------------|----------------|-------|------|
| WORK ORDER NO.                                 |  |          | DESCRIPTION                  |                |       |      |
| DESCRIPTION (CONT.)                            |  |          |                              |                |       |      |
| NAME OR SYSTEM                                 |  |          | CONSTRUCTION SUPERVISOR/DATE |                |       |      |
| ACCEPTED BY/DATE                               |  |          | MAINTENANCE SUPERVISOR/DATE  |                |       |      |
| ITEM   | ITEM TO BE VERIFIED AND ACCEPTED -- PHYSICAL   |          |                              | COMP.          | INSP. | ACPT |
| 1  | Frame secured properly per GTEP 237-050-204 and H-440000   |          |                              |                |       |      |
| 2  | All misc. hardware installed (kick plates, junctioning, etc.) per EC-95500, EC-95503,4,5 and EC-95512  |          |                              |                |       |      |
| 3  | Verify that all power connections are tight per GTEP 205-000-500   |          |                              |                |       |      |
| 4  | All cables and alarm leads are secure and dressed per GTEP 256-224-216, 256-050-203 to 208 and 256-600-201   |          |                              |                |       |      |
| 5  | All cables labeled per GTEP 258224-216 and 244-XXX series  |          |                              |                |       |      |
| 6  | Verify proper grounding of frame reference per 795-805-071, 074 and EC-95506   |          |                              |                |       |      |
| 7  | Verify proper isolation requirements per 237-224-214   |          |                              |                |       |      |
| 8  | Verify that proper size fuses have been installed in frame per EPDG job drawing and EL-XXXXX-XXX mnemonic page PWR   |          |                              |                |       |      |
| 9  | Daisy chains removed   |          |                              |                |       |      |
| 10   | Verify proper issue FBs in proper file and slot. card strips properly designated per the respective -XXEL job drawing, -SV system version stocklist and/or BUP bring-up procedure document |          |                              |                |       |      |
| 11   | Frame embossed per appropriate GTEP 244 series   |          |                              |                |       |      |
| 12   | Verify that card locks are installed property and not damaged  |          |                              |                |       |      |
| 13   | Drawings marked and processed per 220-001-001  |          |                              |                |       |      |
| 14   | Verify backplane protection installed property per EC-9551 1   |          |                              |                |       |      |
| 15   | Verify all TAC bulletin board items for implementation   |          |                              |                |       |      |
| ITEM TO BE VERIFIED AND ACCEPTED -- FUNCTIONAL |  |          |                              |                |       |      |
| 1  | Verify power down and power up procedures (Refer to User's Guide Section 15 IOUP and CMCP)   |          |                              |                |       |      |
| 2  | Verify that both copies of the CMCL will operate in a simplex and (same copy and cross copy) full duplex mode (Refer to User's Guide Section 5 CMCL)                                       |          |                              |                |       |      |
| 3  | Verify diagnostics and/or routines performed (Refer to User's Guide Section 5 CMCL, CMCP, CMI, CMU, IOI, IOU, and IOUP)  |          |                              |                |       |      |
| 4  | Verify all equipped IOU ports are functional by diagnosing all terminals (local and remote) from their terminal locations (Refer to User's Guide Section 5 TERM)                           |          |                              |                |       |      |
| 5  | Verify status commands (Refer to User's Guide Section 5 CMCL, CMCP, CMI, CMU, CCK, CMCA, IOCA, IOCS, IOI, IOU, IOUD, and IOUP)   |          |                              |                |       |      |
| REMARKS  |  |          |                              |                |       |      |
|  |  |          |                              |                |       |      |
|  |  |          |                              |                |       |      |
|  |  |          |                              |                |       |      |
|  |  |          |                              |                |       |      |
|  |  |          |                              |                |       |      |
|  |  |          |                              |                |       |      |
|  |  |          |                              |                |       |      |

Exhibit 6

**CMCF - COMBINED MESSAGE DISTRIBUTOR CIRCUIT AND NETWORK CLOCK FRAME**

ACCEPTANCE — CO FACILITIES GTD-5 EAX  
 CMCF — COMBINED MESSAGE DISTRIBUTOR CIRCUIT AND NETWORK CLOCK FRAME  
 FORM 90002635  
 Ref 200-002-724

| DIVISION                                      |  | EXCHANGE | LOC/CLI CODE                 | CENTRAL OFFICE |       |       |
|---|--|----------|------------------------------|----------------|-------|-------|
| WORK ORDER NO.                                |  |          | DESCRIPTION                  |                |       |       |
| DESCRIPTION (CONT.)                           |  |          |                              |                |       |       |
| FRAME OR SYSTEM                               |  |          | CONSTRUCTION SUPERVISOR/DATE |                |       |       |
| ACCEPTED BY/DATE                              |  |          | MAINTENANCE SUPERVISOR/DATE  |                |       |       |
| ITEM  | ITEM TO BE VERIFIED AND ACCEPTED — PHYSICAL  |          |                              | COMP.          | INSP. | ACPT. |
| 1   | Frame secured property per GTEP 237-050-204 end H-440000   |          |                              |                |       |       |
| 2   | All misc. hardware installed (kick plates, junctioning, etc.) per EC-95500, EC-95503,4,5 and EC-95512  |          |                              |                |       |       |
| 3   | Verify that all power connections are tight per GTEP 205-000-500   |          |                              |                |       |       |
| 4   | All cables and alarm leads are secure and dressed per GTEP 256-224-216, 256-050-203 to 208 and 256-600-201   |          |                              |                |       |       |
| 5   | All cables labeled per GTEP 256-224-216 and 244-m series   |          |                              |                |       |       |
| 6   | Verify proper grounding of frame reference per 795-805-071, 074 and EC95506  |          |                              |                |       |       |
| 7   | Verify proper isolation requirements per 237-224-214   |          |                              |                |       |       |
| 8   | Verify that proper size fuses have been installed in frame per EPDG job drawing and EL-XXXXX-XXX mnemonic page PWR   |          |                              |                |       |       |
| 9   | Daisy chains removed   |          |                              |                |       |       |
| 10  | Verify proper issue FBs in proper file and slot, card strips property designated per the respective -XXEL job drawing, -SV system version stocklist and/or BUP bring-up procedure document |          |                              |                |       |       |
| 11  | Frame embossed per appropriate GTEP 244 series   |          |                              |                |       |       |
| 12  | Verify that the issue number and/or modified designation has been stenciled on all FBs per -SV and -BUP documents  |          |                              |                |       |       |
| 12  | Verify that card locks are installed properly and not damaged  |          |                              |                |       |       |
| 13  | Drawings marked and processed per 220-001-001  |          |                              |                |       |       |
| 14  | Verify backplane protection installed property per EC-9551 1   |          |                              |                |       |       |
| 15  | Verify all TAC bulletin board items for implementation   |          |                              |                |       |       |
| ITEM TO BE VERIFIED AND ACCEPTED — FUNCTIONAL |  |          |                              |                |       |       |
| 1   | Verify power down and power up procedures on both copies of the MDC (Refer to User's Guide Section 15 MDCP and NCDP)   |          |                              |                |       |       |
| 2   | Verify that both copies of the MDC and NCU will operate in a simplex (same copy and cross copy) and full duplex mode (Refer to User's Guide Section 5 MDCM, MDI, and NCU)                  |          |                              |                |       |       |
| 3   | Verify diagnostics and/or routines performed (Refer to User's Guide Section 5 MDCM, MDCP, MDI, NCDP, NCI, NCU, and NCUP)   |          |                              |                |       |       |
| 4   | Verify status commands (Refer to User's Guide Section 5 MDC, MDCA, MDCl, MDCM, MDCO, MOCP, MDI, NC, NCDP, NCI, NCU, and NCUP)  |          |                              |                |       |       |
| 5   | Verify NCU voltages  |          |                              |                |       |       |
| 6   | Temporarily disable ECSS on active copy of NCU and verify transfer to standby copy (disable ECSS on DSX frame)   |          |                              |                |       |       |
| 7   | Verify NCU is synchronized from external source (ECSS)   |          |                              |                |       |       |
| REMARKS                                       |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |

Exhibit 7

**CPMF - COMMON PROTECTED MEMORY FRAME**

ACCEPTANCE — CO FACILITIES GTD-5 EAX  
 CPMF — COMMON PROTECTED MEMORY FRAME  
 FORM 80002635  
 Ref 200-002-724

| DIVISION                                      |  | EXCHANGE | LOC/CLI CODE                 | CENTRAL OFFICE |       |       |       |
|---|--|----------|------------------------------|----------------|-------|-------|-------|
| WORK ORDER NO.                                |  |          | DESCRIPTION                  |                |       |       |       |
| DESCRIPTION (CONT.)                           |  |          |                              |                |       |       |       |
| FRAME OR SYSTEM                               |  |          | CONSTRUCTION SUPERVISOR/DATE |                |       |       |       |
| ACCEPTED BY/DATE                              |  |          | MAINTENANCE SUPERVISOR/DATE  |                |       |       |       |
| ITEM  | ITEM TO BE VERIFIED AND ACCEPTED — PHYSICAL  |          |                              |                | COMP. | INSP. | ACPT. |
| 1   | Frame secured properly per GTEP 237-050-204 and H-440000   |          |                              |                |       |       |       |
| 2   | All misc. hardware installed ( <i>kick</i> plates, <i>junctioning</i> , etc.) per EC-95500, EC-95503,4,5 and EC-95512  |          |                              |                |       |       |       |
| 3   | Verify that all power connections are tight per GTEP 205-000-500   |          |                              |                |       |       |       |
| 4   | All cables and alarm leads are secure and dressed per GTEP 256-224-216, 256-050-203 to 208 and 256-600-201   |          |                              |                |       |       |       |
| 5   | All cables labeled per GTEP 256224-216 and 244-XXX series  |          |                              |                |       |       |       |
| 6   | Verify proper grounding of frame reference per 795-805-071, 074 and EC-95506   |          |                              |                |       |       |       |
| 7   | Verify proper isolation requirements per 237-224-214   |          |                              |                |       |       |       |
| 6   | Verify that proper size fuses have been installed in frame per EPDG job drawing and EL-XXXX-XXX mnemonic page PWR  |          |                              |                |       |       |       |
| 9   | Daisy chains removed   |          |                              |                |       |       |       |
| 10  | Verify proper issue FBs in proper tile and slot, card strips properly designated per the respective -XXEL job drawing, -SV system version stocklist and/or SUP bring-up procedure document |          |                              |                |       |       |       |
| 11  | Frame embossed per appropriate GTEP 244 series   |          |                              |                |       |       |       |
| 12  | Verify that the issue number and/or modified designation has been stenciled on all FBs per -SV and -BUP documents  |          |                              |                |       |       |       |
| 12  | Verify that card locks are installed properly and not damaged  |          |                              |                |       |       |       |
| 13  | Drawings marked and processed per 220-001-001  |          |                              |                |       |       |       |
| 14  | Verify backplane protection installed property per EC-9551 1   |          |                              |                |       |       |       |
| 15  | Verify all TAC bulletin board items for implementation   |          |                              |                |       |       |       |
| ITEM TO BE VERIFIED AND ACCEPTED — FUNCTIONAL |  |          |                              |                |       |       |       |
| 1   | Verify power down and power up procedures on all equipped CPMs (Refer to User's Guide Section 15 CMCP)   |          |                              |                |       |       |       |
| 2   | Verify that both copies of the CPMs will operate in a simplex (same copy and cross copy) and full duplex mode (Refer to User's Guide Section 5 CMCL and CMI)                               |          |                              |                |       |       |       |
| 3   | Verify diagnostics and/or routines performed on all equipped CPMs (Refer to User's Guide Section 5 CMCL, CMCP, CMI, and CMU)   |          |                              |                |       |       |       |
| 4   | Verify status commands on all copies of CPMs (Refer to User's Guide Section 5 CMCL, CMCP, CMI, CMU, CCK, and CMCA)   |          |                              |                |       |       |       |
| REMARKS                                       |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |

Exhibit 8







**FEATURES - BASIC SYSTEM - PAGE 1**

ACCEPTANCE -- CO FACILITIES **GTD-5 EAX**  
 FEATURES -- BASIC SYSTEM Page 1 of 2  
 FORM 90002635  
 Ref 200-002-724

| DIVISION            |   | EXCHANGE | LOC/CLU CODE                 | CENTRAL OFFICE |       |       |
|---------------------|---|----------|------------------------------|----------------|-------|-------|
| WORK ORDER NO.      |   |          | DESCRIPTION                  |                |       |       |
| DESCRIPTION (CONT.) |   |          |                              |                |       |       |
| FRAME OR SYSTEM     |   |          | CONSTRUCTION SUPERVISOR/DATE |                |       |       |
| ACCEPTED BY/DATE    |   |          | MAINTENANCE SUPERVISOR/DATE  |                |       |       |
| ITEM                | ITEM TO BE VERIFIED AND ACCEPTED  |          |                              | COMP.          | INSP. | ACPT. |
| 1                   | <b>DIALING PLAN FEATURES</b>  |          |                              |                |       |       |
|                     | A. All NPA codes  |          |                              |                |       |       |
|                     | 8. All non-toll codes   |          |                              |                |       |       |
|                     | C. All toll codes   |          |                              |                |       |       |
|                     | D. 0 +, 0- dialing  |          |                              |                |       |       |
|                     | E. 1X, 11X, 1XX, X11 service codes  |          |                              |                |       |       |
|                     | F. International Direct Distance Dialing (DDD) codes  |          |                              |                |       |       |
| 2                   | <b>SPECIAL SYSTEM FEATURES</b>  |          |                              |                |       |       |
|                     | A. Verify proper access to all recorded announcements   |          |                              |                |       |       |
|                     | 8. Reverting call features  |          |                              |                |       |       |
|                     | C. Annoyance call and alarm facilities (Refer to User's Guide Section 14 "Misc. Call Processing Message") |          |                              |                |       |       |
|                     | 0. Permanent facilities   |          |                              |                |       |       |
|                     | E. Emergency trace, hold, and printout (Refer to User's Guide Section 14 "Misc. Call Processing Message") |          |                              |                |       |       |
| 3                   | <b>ONE LEVELS</b>   |          |                              |                |       |       |
|                     | A. Verify dial tone levels  |          |                              |                |       |       |
|                     | 8. Verify low tone output checked   |          |                              |                |       |       |
|                     | C. Verify high tone output checked  |          |                              |                |       |       |
|                     | D. Verify howler tone level   |          |                              |                |       |       |
|                     | E. Verify precise tone (dial tone)  |          |                              |                |       |       |
|                     | F. Verify 1000 Hz tone  |          |                              |                |       |       |
| 4                   | <b>BILLING VERIFICATION (Check with billing people on thoroughness)</b>                                   |          |                              |                |       |       |
|                     | A. Billing p&n features   |          |                              |                |       |       |
|                     | A1. Verify remote polling capabilities  |          |                              |                |       |       |
|                     | A2. Verify DMTM/Back-up operation   |          |                              |                |       |       |
|                     | B. Billing mag. tape sent to GTEDS for verification   |          |                              |                |       |       |
|                     | C. Various lengths of time on billing verified  |          |                              |                |       |       |
|                     | 0. Each type of toll billing call made and verified   |          |                              |                |       |       |
|                     | E. Metering test  |          |                              |                |       |       |
|                     | F. Record each call and verify from tape list   |          |                              |                |       |       |
| 5                   | <b>METERING VERIFICATION</b>  |          |                              |                |       |       |
|                     | A. TDA metering packages for BU, RLU, RSU, and MXU (Refer to User's Guide Section 9)                      |          |                              |                |       |       |
| 6                   | <b>NETWORK AND SWITCH MANAGEMENT VERIFICATION</b>   |          |                              |                |       |       |
|                     | A. Verify NSM is operational (Refer to User's Guide Section 10)   |          |                              |                |       |       |

Exhibit 11 (continued)



**FEATURES VERIFICATION - TRUNK SYSTEM - PAGE 1**

ACCEPTANCE — CO FACILITIES GTD-S EAX  
 FEATURES VERIFICATION — TRUNK SYSTEM Page 1 of 2  
 FORM 90002635  
 Ref 200-002-724

| DIVISION            |  | EXCHANGE | LOC/CLL CODE                 | CENTRAL OFFICE |       |       |
|---------------------|--|----------|------------------------------|----------------|-------|-------|
| WORK ORDER NO.      |  |          | DESCRIPTION                  |                |       |       |
| DESCRIPTION (CONT.) |  |          |                              |                |       |       |
| FRAME OR SYSTEM     |  |          | CONSTRUCTION SUPERVISOR/DATE |                |       |       |
| ACCEPTED BY/DATE    |  |          | MAINTENANCE SUPERVISOR/DATE  |                |       |       |
| ITEM                | ITEM TO BE VERIFIED AND ACCEPTED   |          |                              | COMP.          | INSP. | ACPT. |
| 1                   | INCOMING TRUNK <b>CALL</b> FEATURES (See Note 1)   |          |                              |                |       |       |
|                     | A Start dial signaling   |          |                              |                |       |       |
|                     | B. Immediate dial  |          |                              |                |       |       |
|                     | C. <b>Interdigital</b> timing  |          |                              |                |       |       |
|                     | D. No dial timing (permanent sequence)   |          |                              |                |       |       |
|                     | E. <b>2/6</b> Multi-Frequency ( <b>MF</b> ) receiving  |          |                              |                |       |       |
|                     | F. Sending answer <b>supervision</b>   |          |                              |                |       |       |
|                     | G. Dial pulse receiving  |          |                              |                |       |       |
|                     | H. <b>PABX</b> direct outward dialing (COD)  |          |                              |                |       |       |
|                     | I. Hotel/Motel message registration  |          |                              |                |       |       |
|                     | J. Receiving Centralized Automatic Message Accounting ( <b>CAMA</b> )  |          |                              |                |       |       |
| 2                   | OUTGOING TRUNK CALL FEATURES (See Note 1)  |          |                              |                |       |       |
|                     | A <b>Trunk</b> hunting methods   |          |                              |                |       |       |
|                     | B. Alternate routing   |          |                              |                |       |       |
|                     | C. Response to start dial signaling  |          |                              |                |       |       |
|                     | D. Dial pulse sending  |          |                              |                |       |       |
|                     | E. Early outpulsing  |          |                              |                |       |       |
|                     | F. <b>2/6</b> Multi-Frequency ( <b>MF</b> ) sending  |          |                              |                |       |       |
|                     | G. Sending standard Centralized Automatic Message Accounting ( <b>CAMA</b> ) format                                  |          |                              |                |       |       |
|                     | H. Receiving answer supervision  |          |                              |                |       |       |
|                     | I. Busy guard  |          |                              |                |       |       |
|                     | J. Sending to Automatic Number Announcer (ANA)   |          |                              |                |       |       |
|                     | K. Sending to Traffic Service <b>Position</b> System ( <b>TSPS</b> ) or Telephone Sending Desk ( <b>TSD</b> ) format |          |                              |                |       |       |
|                     | L. <b>PABX</b> Direct Inward Dialing (DID)   |          |                              |                |       |       |
|                     | M. High Volume Call ( <b>HVC</b> ) 900 NPA   |          |                              |                |       |       |
| 3                   | SPECIAL TRUNK FEATURES (As required)   |          |                              |                |       |       |
|                     | A. Answer supervision blocking   |          |                              |                |       |       |
|                     | B. Respond to CAMAKSPS busy back   |          |                              |                |       |       |
|                     | C. Operator busy verification  |          |                              |                |       |       |
|                     | D. C-lead hold SCS trunks  |          |                              |                |       |       |
|                     | E. Glare protection with retry   |          |                              |                |       |       |
|                     | F. Sender time-out retry   |          |                              |                |       |       |
|                     | G. Calling party release   |          |                              |                |       |       |
|                     | H. Called party timed <b>disconnect</b>  |          |                              |                |       |       |
|                     | I. Trunk permanent handling  |          |                              |                |       |       |

Exhibit 12 (continued)







**LINE TESTS VERIFICATION**

ACCEPTANCE — CO FACILITIES GTD-5 EAX  
 LINE TESTS VERIFICATION Page 1 of 2  
 FORM 90002635  
 Ref 200-002-724

| DIVISION            |   | EXCHANGE | LOC/CLL1 CODE                | CENTRAL OFFICE |       |       |       |
|---------------------|---|----------|------------------------------|----------------|-------|-------|-------|
| WORK ORDER NO.      |   |          | DESCRIPTION                  |                |       |       |       |
| DESCRIPTION (CONT.) |   |          |                              |                |       |       |       |
| FRAME OR SYSTEM     |   |          | CONSTRUCTION SUPERVISOR/DATE |                |       |       |       |
| ACCEPTED BY/DATE    |   |          | MAINTENANCE SUPERVISOR/DATE  |                |       |       |       |
| ITEM                | ITEM TO BE VERIFIED AND ACCEPTED                    |          |                              |                | COMP. | INSP. | ACPT. |
|                     | VERIFY THE OPERATION OF EACH OF THE FOLLOWING:      |          |                              |                |       |       |       |
| 1                   | TYPES OF LINE SERVICES                              |          |                              |                |       |       |       |
|                     | A. Individual Automatic Number Identification (ANI) |          |                              |                |       |       |       |
|                     | B. Operator Number Identification (ONI)             |          |                              |                |       |       |       |
|                     | C. Coin Telephone                                   |          |                              |                |       |       |       |
|                     | D. PABX Rotary Lines — All Members                  |          |                              |                |       |       |       |
|                     | E. PABX Auxiliary Stop Hunt Feature                 |          |                              |                |       |       |       |
|                     | F. Non-Dial time                                    |          |                              |                |       |       |       |
|                     | G. Wide Area Telephone Service (WATS)               |          |                              |                |       |       |       |
|                     | H. Inward WATS (INWATS)                             |          |                              |                |       |       |       |
|                     | I. Teletypewriter Exchange (TWX)                    |          |                              |                |       |       |       |
|                     | J. Party Marking-Two Party                          |          |                              |                |       |       |       |
|                     | K. Mobile Telephone                                 |          |                              |                |       |       |       |
| 2                   | ORIGINATING CALL FEATURES                           |          |                              |                |       |       |       |
|                     | A. Denied Origination                               |          |                              |                |       |       |       |
|                     | B. Temporary Disconnect Intercept                   |          |                              |                |       |       |       |
|                     | C. Dual Tone Multi-Frequency (DTMF) Receiving       |          |                              |                |       |       |       |
|                     | D. Toll Denial                                      |          |                              |                |       |       |       |
|                     | E. Operator Recall                                  |          |                              |                |       |       |       |
|                     | F. Calling Party Disconnect                         |          |                              |                |       |       |       |
| 3                   | TERMINATING CALL FEATURES                           |          |                              |                |       |       |       |
|                     | A. Denied Termination                               |          |                              |                |       |       |       |
|                     | B. Ringing, Scheme (As Required)                    |          |                              |                |       |       |       |
|                     | C. Calling Party Release                            |          |                              |                |       |       |       |
|                     | D. Called Party Disconnect                          |          |                              |                |       |       |       |
| 4                   | CUSTOM CALLING FEATURES                             |          |                              |                |       |       |       |
|                     | A. Speed Calling-8                                  |          |                              |                |       |       |       |
|                     | B. Speed Calling-30                                 |          |                              |                |       |       |       |
|                     | C. Call Waiting                                     |          |                              |                |       |       |       |
|                     | D. Three-Way Calling                                |          |                              |                |       |       |       |
|                     | E. Call Forwarding-Fixed                            |          |                              |                |       |       |       |
|                     | F. Call Forwarding-Variable                         |          |                              |                |       |       |       |
|                     | G. Call Forwarding-Remote                           |          |                              |                |       |       |       |
|                     | H. Series Completing                                |          |                              |                |       |       |       |

Exhibit 15 (continued)







ACCEPTANCE — CO FACILITIES **GTD-5 EAX**  
**MISF — MISCELLANEOUS FRAMES (FUNCTIONAL) Page 1 of 2**  
 FORM 90002635  
 Ref 200-002-724

|                     |          |                              |                |
|---------------------|----------|------------------------------|----------------|
| DIVISION            | EXCHANGE | LOC/CLI CODE                 | CENTRAL OFFICE |
| WORK ORDER NO.      |          | DESCRIPTION                  |                |
| DESCRIPTION (CONT.) |          |                              |                |
| FRAME OR SYSTEM     |          | CONSTRUCTION SUPERVISOR/DATE |                |
| ACCEPTED BY/DATE    |          | MAINTENANCE SUPERVISOR/DATE  |                |

| ITEM | ITEM TO BE VERIFIED AND ACCEPTED — FUNCTIONAL   | COMP. | INSP. | ACPT. |
|------|---|-------|-------|-------|
| 1    | Verify power down and power up procedures on all misc. equipment mounted in frame   |       |       |       |
| 2    | Meters calibrated and operational   |       |       |       |
| 3    | Verify ringing frequencies and voltage levels are correct   |       |       |       |
| 4    | Verify ringing frequency and voltage levels with a test load  |       |       |       |
| 5    | Verify ringing Generator Group Back-Up (RGGB) transfer feature is operational per the following:  |       |       |       |
|      | A. Place a line to line call and allow the test phone to ring (do not answer)   |       |       |       |
|      | B. Determine the ringing generator source (for all lineframes: ALUF, ELMF, ESSF, ESEF, SSEF, SSSE, SLMF, etc. containing the test phone) and remove the 5 AMP fuse. Observe that the test phone continues to ring |       |       |       |
|      | C. Remove the 5 AMP fuse from the back-up ringing generator and observe that the test phone stops ringing   |       |       |       |
|      | D. Re-install the 5 AMP fuse that was removed in item 2B and observe that the test phone is ringing   |       |       |       |
|      | E. Re-install the 5 AMP fuse that was removed in item 2C then terminate the call  |       |       |       |
|      | F. Repeat items 2A through 2E for each equipped ringing generator   |       |       |       |
| 6    | Keys operational  |       |       |       |
| 7    | Lamps operational   |       |       |       |
| 8    | Verify coin rectifier voltage   |       |       |       |
| 9    | Verify coin rectifier voltage back-up feature (disable active unit)   |       |       |       |
| 10   | Verify recorder announcements operational   |       |       |       |
| 11   | All fuse alarms tested  |       |       |       |
| 12   | Check recording output level if applicable  |       |       |       |
| 13   | Verify that each recorder channel has its assigned recorded announcement and that the identification tone is present (Refer to JD-XXXXX-OCD)  |       |       |       |
| 14   | Verify DC to DC converter pad disable circuits for proper voltage   |       |       |       |
| 15   | Verify DC to DC converter pad disable circuits back-up feature (disable active unit)  |       |       |       |
| 16   | Verify Wiltron test equipment operational   |       |       |       |
| 17   | Check dial speed test circuits  |       |       |       |
| 18   | Check Touch Calling Multi-Frequency (TCMF) test circuits  |       |       |       |
| 19   | Check Automatic Number Announcer (ANA) circuits   |       |       |       |
| 20   | Service Evaluation and Analysis (SOB) teletone or similar   |       |       |       |
| 21   | Check Remote Office Test Line (ROTL)  |       |       |       |
| 22   | Verify 200V battery supply  |       |       |       |
| 23   | Verify 4-tel operational  |       |       |       |
| 24   | Verify proper misc. unit chassis ground leads of peripheral equipment and proper grounding of frame exists per 795-805-071  |       |       |       |

Exhibit 18 (continued)





ACCEPTANCE — CO FACILITIES GTD-5 EAX  
 MUFC — MISCELLANEOUS UTILITY FRAMES MUFA/MUFB/MUFC/MUFD/MUFE Page 1 of 2  
 FORM 90002635  
 Ref 200-002-724

| DIVISION                                      |  | EXCHANGE | LOC/CLU CODE                 | CENTRAL OFFICE |       |       |
|---|--|----------|------------------------------|----------------|-------|-------|
| WORK ORDER NO.                                |  |          | DESCRIPTION                  |                |       |       |
| DESCRIPTION (CONT.)                           |  |          |                              |                |       |       |
| FRAME OR SYSTEM                               |  |          | CONSTRUCTION SUPERVISOR/DATE |                |       |       |
| ACCEPTED BY/DATE                              |  |          | MAINTENANCE SUPERVISOR/DATE  |                |       |       |
| ITEM  | ITEM TO BE VERIFIED AND ACCEPTED — PHYSICAL  |          |                              | COMP.          | INSP. | ACPT. |
| 1   | Frame secured properly per GTEP 237-050-204 and H-440000   |          |                              |                |       |       |
| 2   | All misc. hardware installed (kick plates, junctioning, etc.) per EC-95500, EC-95503, 4, 5 and EC-95512  |          |                              |                |       |       |
| 3   | Verify that all power connections are tight per GTEP 205-000-500   |          |                              |                |       |       |
| 4   | All cables and alarm leads are secure and dressed per GTEP 256-224-216, 256-050-203 to 208 and 256-600-201   |          |                              |                |       |       |
| 5   | All cables labeled per GTEP 256-224-216 and 244-XXX series   |          |                              |                |       |       |
| 6   | Verify proper grounding of frame reference per 795805071, 074 and EC-95506   |          |                              |                |       |       |
| 7   | Verify proper isolation requirements per 237-224-214   |          |                              |                |       |       |
| 8   | Verify that proper size fuses have been installed in frame per EPDG job drawing and EL-XXXXX-XXX mnemonic page PWR   |          |                              |                |       |       |
| 9   | Daisy chains removed   |          |                              |                |       |       |
| 10  | Verify proper issue FBs in proper file and slot, card strips properly designated per the respective -XXEL job drawing, -SV system version stocklist and/or BUP bring-up procedure document |          |                              |                |       |       |
| 11  | Frame embossed per appropriate GTEP 244 series   |          |                              |                |       |       |
| 12  | Verify that card locks are installed properly and not damaged  |          |                              |                |       |       |
| 13  | Drawings marked and processed per 220-001-001  |          |                              |                |       |       |
| 14  | Verify backplane protection installed properly per EC-9551 1   |          |                              |                |       |       |
| 15  | Verify all TAC bulletin board items for implementation   |          |                              |                |       |       |
| ITEM TO BE VERIFIED AND ACCEPTED — FUNCTIONAL |  |          |                              |                |       |       |
| 1   | Verify power down and power up procedures on all misc. equipment mounted in Frame  |          |                              |                |       |       |
| 2   | Verify diagnostics and/or routing on FTU   |          |                              |                |       |       |
| 3   | Verify ringing frequencies and voltage levels are correct  |          |                              |                |       |       |
| 4   | Verify ringing frequency and voltage levels with a test load   |          |                              |                |       |       |
| 5   | Verify Ringing Generator Group Back-Up (RGG) transfer feature is operational per the following:  |          |                              |                |       |       |
|   | A. Place a line to line call and allow the test phone to ring (do not answer)  |          |                              |                |       |       |
|   | 6. Determine the ringing generator source for the ALUF containing the test phone and remove the S AMP fuse. Observe that the test phone continues to ring                                  |          |                              |                |       |       |
|   | C. Remove the 5 AMP fuse from the back-up ringing generator and observe that the test phone stops ringing  |          |                              |                |       |       |
|   | D. Re-install the S AMP fuse that was removed in item 5B and observe that the test phone is ringing  |          |                              |                |       |       |
|   | E. Re-install the 5 AMP fuse that was removed in item 5C then terminate the call   |          |                              |                |       |       |
|   | F. Repeat items 5A through 5E for each equipped ringing generator  |          |                              |                |       |       |

Exhibit 20 (continued)

















**SSUF - SPACE SWITCH UNIT FRAME**

ACCEPTANCE — CO FACILITIES GTD-5 EAX  
 SSUF — SPACE SWITCH UNIT FRAME  
 FORM 90002635  
 Ref 200-002-724

| DIVISION                                      |  | EXCHANGE | LOG/CLU CODE                 | CENTRAL OFFICE |       |       |       |
|---|--|----------|------------------------------|----------------|-------|-------|-------|
| WORK ORDER NO.                                |  |          | DESCRIPTION                  |                |       |       |       |
| DESCRIPTION (CONT.)                           |  |          |                              |                |       |       |       |
| FRAME OR SYSTEM                               |  |          | CONSTRUCTION SUPERVISOR/DATE |                |       |       |       |
| ACCEPTED BY/DATE                              |  |          | MAINTENANCE SUPERVISOR/DATE  |                |       |       |       |
| ITEM  | ITEM TO BE VERIFIED AND ACCEPTED — PHYSICAL  |          |                              |                | COMP. | INSP. | ACPT. |
| 1   | Frame secured properly per GTEP 237-050-204 and H-440000   |          |                              |                |       |       |       |
| 2   | All misc. hardware installed (kick plates, junctioning, etc.) per EC-95500, EC-95503,4,5 and EC-95512  |          |                              |                |       |       |       |
| 3   | Verify that all power connections are tight per GTEP 205-000-500   |          |                              |                |       |       |       |
| 4   | All cables and alarm leads are secure and dressed per GTEP 256-224-216, 256-050-203 to 208 and 256-600-201   |          |                              |                |       |       |       |
| 5   | All cables labeled per GTEP 256-224-216 and 244-XXX series   |          |                              |                |       |       |       |
| 6   | Verify proper grounding of frame reference per 795-805-071, 074 and EC-95506   |          |                              |                |       |       |       |
| 7   | Verify proper isolation requirements per 237-224-214   |          |                              |                |       |       |       |
| 8   | Verify that proper size fuses have been installed, in frame per EPOG job drawing and EL-XXXXX-XXX mnemonic page PWR  |          |                              |                |       |       |       |
| 9   | Daisy chains removed   |          |                              |                |       |       |       |
| 10  | Verify proper issue FBs in proper file and slot, card strips properly designated per the respective -XXEL job drawing, -SV system version stocklist and/or BUP bring-up procedure document |          |                              |                |       |       |       |
| 11  | Frame embossed per appropriate GTEP 244 series   |          |                              |                |       |       |       |
| 12  | Verify that card locks are installed properly and not damaged  |          |                              |                |       |       |       |
| 13  | Drawings marked and processed per 220-001-001  |          |                              |                |       |       |       |
| 14  | Verify backplane protection installed properly per EC-9551 1   |          |                              |                |       |       |       |
| 15  | Verify all TAC bulletin board items for implementation   |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
| ITEM TO BE VERIFIED AND ACCEPTED — FUNCTIONAL |  |          |                              |                |       |       |       |
| 1   | Verify power down and power up procedures (Refer to User's Guide Section 15 SSWP)  |          |                              |                |       |       |       |
| 2   | Verify that all copies of the SSU will operate in a simplex and full duplex mode (Refer to User's Guide Section S SSI and SSW)   |          |                              |                |       |       |       |
| 3   | Verify diagnostics and/or routines performed (Refer to User's Guide Section S SSI, SSW, and SSWP)  |          |                              |                |       |       |       |
| 4   | Verify status commands on all copies of SSUs (Refer to User's Guide Section 5 SSI, SSW, and SSWP)  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
| REMARKS                                       |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |
|   |  |          |                              |                |       |       |       |

Exhibit 26



ACCEPTANCE — CO FACILITIES GTD-5 EAX  
 TPCF — TELEPHONY PROCESSOR COMPLEX FRAME  
 FORM 90002635  
 Ref 200-002-724

| DIVISION                                      |  | EXCHANGE | LOC/CLU CODE                 | CENTRAL OFFICE |       |       |
|---|--|----------|------------------------------|----------------|-------|-------|
| WORK ORDER NO.                                |  |          | DESCRIPTION                  |                |       |       |
| DESCRIPTION (CONT.)                           |  |          |                              |                |       |       |
| FRAME OR SYSTEM                               |  |          | CONSTRUCTION SUPERVISOR/DATE |                |       |       |
| ACCEPTED BY/DATE                              |  |          | MAINTENANCE SUPERVISOR/DATE  |                |       |       |
| ITEM  | ITEM TO BE VERIFIED AND ACCEPTED — PHYSICAL  |          |                              | COMP.          | INSP. | ACPT. |
| 1   | Frame secured property per GTEP 237-050-204 and H-440000   |          |                              |                |       |       |
| 2   | All misc. hardware installed (kick plates, junctioning, etc.) per EC-95500. EC-95503,4,5 and EC-95512  |          |                              |                |       |       |
| 3   | Verify that all power connections are tight per GTEP 205-000-500   |          |                              |                |       |       |
| 4   | All cables and alarm leads are secure and dressed per GTEP 256-224-216, 256-050-203 to 206 and 256-600-201   |          |                              |                |       |       |
| 5   | Aft cables labeled per GTEP 256-224-216 and 244-XXX series   |          |                              |                |       |       |
| 6   | Verify proper grounding of frame reference 795-805-071, 074 and EC-95506   |          |                              |                |       |       |
| 7   | Verify proper isolation requirements per 237-224-214   |          |                              |                |       |       |
| 8   | Verify that proper size fuses have been installed in frame per EPOG job drawing and EL-XXXX-XXX mnemonic page PWR  |          |                              |                |       |       |
| 9   | Daisy chains removed   |          |                              |                |       |       |
| 10  | Verify proper issue FBs in proper file and slot, card strips properly designated per the respective -XXEL job drawing, -SV system version stocklist and/or BUP bring-up procedure document |          |                              |                |       |       |
| 11  | Frame embossed per appropriate GTEP 244 series   |          |                              |                |       |       |
| 12  | Verify that card locks are installed properly and not damaged  |          |                              |                |       |       |
| 13  | Drawings marked and processed per 220-001-001  |          |                              |                |       |       |
| 14  | Verify backplane protection installed properly per EC-9551 1   |          |                              |                |       |       |
| 15  | Verify all TAC bulletin board items for implementation   |          |                              |                |       |       |
| ITEM TO BE VERIFIED AND ACCEPTED — FUNCTIONAL |  |          |                              |                |       |       |
| 1   | Verify power down and power up procedures on all equipped MPPs (Refer to User's Guide section 15 MPP)  |          |                              |                |       |       |
| 2   | Verify that both copies of the TPCs will operate in a simplex (same copy and cross copy) and full duplex mode (Refer to User's Guide Section 5 MP)   |          |                              |                |       |       |
| 3   | Verify diagnostics and/or routines performed on all equipped TPCs (Refer to User's Guide Section 5 MP, MPP, OM, and DMB)   |          |                              |                |       |       |
| 4   | Verify status commands on both copies of TPCs in the TPCF (Refer to User's Guide Section 5 MP, MPP, DM, DMB, and TPCA)   |          |                              |                |       |       |
| REMARKS                                       |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |
|   |  |          |                              |                |       |       |

Exhibit 28



