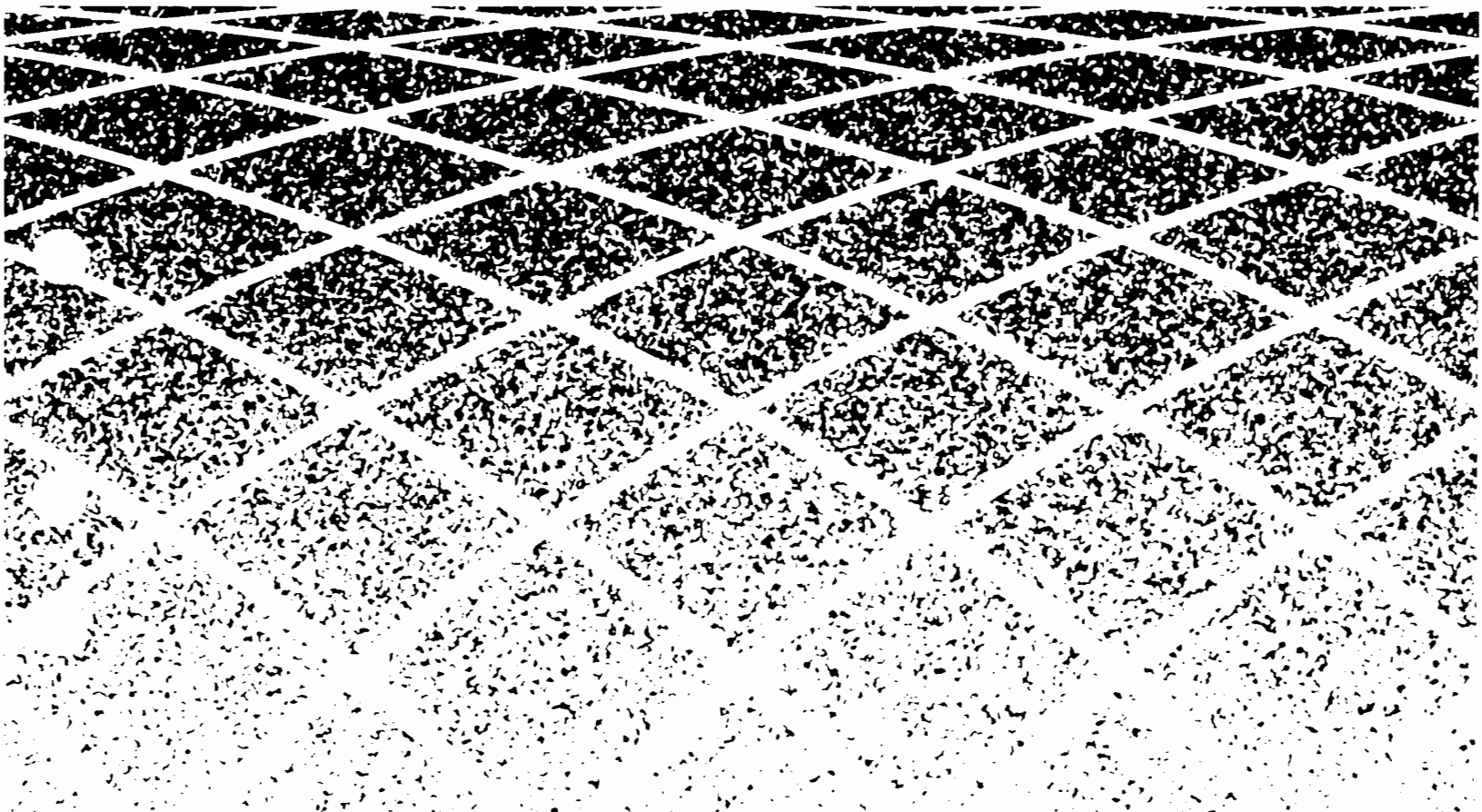
AT&T 000-000-002
Issue 16
June 1995

AT&T Master Index
9-Digit Numbered Documents

Alphabetical and Numerical Listings



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Document No.: AT&T 000-000-002 Issue 16 Date: June 1995

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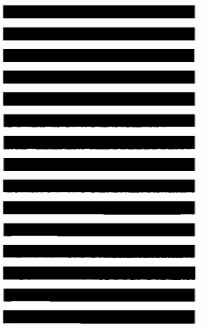
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AT&T Master Index
9-Digit Numbered Documents
Alphabetical and Numerical Listings

1. Overview

Purpose

1.01 This master index provides a listing of all AT&T documents that are identified under the 9-digit numbering plan and may be ordered through the AT&T Customer Information Center. These documents are instructions and criteria for planning, engineering, installing, operating, and maintaining telecommunications equipment and software products designed and manufactured by AT&T. These documents also play an important part in the training of personnel.

1.02 This index is being reissued as a scheduled revision to include all new and reissued documents.

1.03 Recommendations for changes to this index should be forwarded to AT&T Document Number Assignment Administrator, Document Development Organization, 2400 Reynolda Road, Winston-Salem, NC 27106.

Numbering and Referencing

1.04 A 9-digit (XXX-YYY-ZZZ) numbering plan is used for AT&T documents with each document being assigned a unique 9-digit number in accordance with the subject matter covered. This plan permits organizing information into various catagories to simplify indexing and improve accessing. This plan also provides a convenient means for ordering, distributing, and filing documents.

1.05 In the 9-digit numbering plan, the first three digits, *XXX,* identify major categories of information and are referred to as *division* numbers. The fourth digit, xxx-***Y,*** identifies a subdivision of a given category of information and is referred to as the *layer* number. The fifth and sixth digits, xxx-y*YY,* represent a further breakdown and are referred to as *sublayer* numbers. This scheme permits the breakdown of a division into subcategories of information. The last three digits, xxx-yyy-*ZZZ,* identify individual documents within a grouping (layers and sublayers) and are referred to as *key* numbers.

1.06 Documents are listed in numerical order and grouped according to divisions applying to specific equipment types and services.

1.07 The allocation of divisions according to various categories of equipment and services is shown in Part 3.

Indexing

1.08 This *AT&T Master Index 9-Digit Numbered Documents* (000-000-002) contains the following indexes:

- Master Alphabetical Index — All Divisions
- Master Numberical Index — 9-Digit Plan — All Divisional Indexes
- Individual Divisional Numerical Indexes.

1.09 *Master Alphabetical Index:* This index, AT&T 000-000-001, provides a list of all subjects covered in AT&T documents that are identified by 9-digit numbers. Each subject is cross-referenced to the numerical division (first three digits) in which

that subject can be found. See Part 2 of this index.

1.10 *Master Numerical Index — 9-Digit Plan — All Divisional Indexes:* This index, AT&T 000-000-005, provides a list of all numerical divisions. Each division is cross-referenced to the subject matter covered in that division. See Part 3 of this index.

1.11 *Individual Divisional Numerical Index:* An index of this type, AT&T *XXX*-000-000, is provided for each division. All AT&T documents within a division, along with their current issue numbers, are listed numerically (nine digits) and the subject matter covered by each is identified. See Part 4 of this index. Each index is updated and released quarterly to include new or reissued documents within that division.

1.12 In addition to this master index, other indexes provide a cross-reference between subject matter and document identity. The arrangement of the content of an index varies according to the intent of the index. The content of a given index may be arranged in one of the following schemes:

- Subject matter listed alphabetically
- Subject matter listed numerically
- Subject matter listed alphanumerically
- Subject matter permuted and listed alphabetically.

Other indexes issued are:

- Divisional Alphabetical Index
- Interdivisional Alphanumerical Index
- Interdivisional Numerical Index.

1.13 *Divisional Alphabetical Index:* An index of this type is provided only when justified. Each index provides a list of all subjects covered in that division. Each subject is cross-referenced to the AT&T document (nine digits) in which that subject can be found. An example is AT&T 218-000-001, No. 5 Crossbar Offices.

1.14 *Interdivisional Alphanumerical Index:* An index of this type is provided only when justified. Each index provides a listing of selected AT&T documents (nine digits, AT&T letters, CIRs, selected coded, and OSDDs.), along with their current issue numbers, containing subject matter for a particular system or service offering. The documents (nine digits) are listed under applicable alphabetized headings. The documents under each heading are listed in numerical sequence. An example is AT&T 533-000-001, ESS™ Provided Services — Customer Premises Systems.

1.15 *Interdivisional Numerical Index:* An index of this type is provided only when justified. Each index provides a numerical listing (nine digits) of all documents (regardless of divisions), along with their current issue numbers, containing subject matter for a particular system or service offering. An example is AT&T 234-000-005, 4 ESS™ Switch.

Reference Symbols

1.16 Various symbols are used to denote special conditions of handling, distributing, etc., and are explained in each index as applicable. The symbols are listed as follows:

1.17 A bullet (●) indicates an item that has been added or changed since the previous issue of the individual index.

1.18 An open square (❑) indicates a cancelled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Cancelled items and related notes will be deleted upon reissue of the individual index.

1.19 A square with an enclosed "A" (🄰) indicates an archived item. An archived document is one that, in all probability, will never be revised and/or has had no distribution activity for an extended period of time. Archived documents can be ordered.

1.20 A solid square (■) indicates that distribution of this item is limited.

1.21 A solid circle with an enclosed "1" (❶) indicates an item that will not be distributed on standing order.

1.22 A solid triangle (▲) indicates a TOP (Task Oriented Practice.)

1.23 An electronic media symbol (✇) inicates an item is available on CD-ROM, magnetic tape, or other electronic media.

1.24 Addenda, revisions, and supplements are listed *above* the associated document. Appendixes are listed *under* the associated document.

Issue Identifiers

1.25 Each document is assigned an arabic number as an issue identifier with the first issue being Issue 1. Each reissue is assigned the next higher number. When Issue 99 has been reached, the next issue will revert to Issue 1.

1.26 Revisions to documents are numbered and each revision issue is identified by the revision date.

Addenda

1.27 An addendum to a document is issued when there is an urgent need to add, to change, or to delete information. Addenda are limited to one sheet (two pages) and only one addendum can exist for a document. Each addendum is self- contained and should be filed in front of the document it addends.

1.28 The 9-digit number of an addendum is the same as that of the document it addends. It is assigned an issue identifier and dated in the same manner as other documents.

1.29 Addenda are shown in the appropriate divisional numerical index by the word "Addendum" and is listed above the associated document.

Revisions

1.30 A revision to a document is issued when there is an urgent need to add, to change, or to delete information. Revisions update documents by page(s) or chapter(s). More than one revision can exist for a document and revisions to a document can accumulate to 50% of the total document before a reissue of the base document is required.

1.31 The first revision is designated Revision 1. Additional revisions are designated Revision 2, Revision 3, etc.

1.32 The 9-digit number of a revision is the same as that of the document it updates. The date of issue serves as the issue identifier for a revision.

1.33 Revisions are shown in the appropriate divisional numerical index by the word "Revision" and is listed above the associated document.

Appendixes

1.34 An appendix to a document is used to cover permanent information that is optional or is supplemental to the information within the document. Hence, an appendix does not refer to the issue number of the document being appended.

1.35 The first appendix is designated Appendix 1. Additional appendixes are designated Appendix 2, Appendix 3, etc. Each appendix has a unique title describing its contents.

1.36 The 9-digit number of an appendix is the same as that of the document it appends. It will be assigned an issue identifier and date of issue in the same manner as other documents.

1.37 Appendixes are shown in the appropriate divisional numerical index by the word "Appendix" and is listed below the associated document.

Supplements

1.38 A supplement to a document is used to cover information that is supplemental to and different from the information within the base document.

1.39 The first supplement is designated Supplement 1. Additional supplements are designated Supplement 2, Supplement 3, etc. Each supplement has a unique title describing its contents.

1.40 The 9-digit number of a supplement is the same as that of the document it supplements. It is assigned an issue identifier and date of issue in the same manner as other documents.

1.41 Supplements are shown in the approriate divisional numerical index by the word "Supplement" and is listed above the associated document.

Ordering

1.42 Most documents, as well as specific indexes, are available from CIC. Others are available from other AT&T sources through CIC. Order by contacting the AT&T Customer Information Center, P. O. Box 19901, Indianapolis, IN 46219, (800) 432-6600 or (317) 322-0011.

1.43 Only the latest issue of each document is available. The latest issue numbers are shown in the divisional numerical indexes.

1.44 *Addenda, Revision, Appendixes, and Supplements — Hard Copy:* Addenda, revisions, appendixes, and supplements can be ordered in hard copy form without ordering the document being addended, revised, appended, or supplemented. However, if a document having an associated AT&T issued addendum or revision is ordered, the addendum or revision will automatically be supplied with the document. Appendixes and supplements must be ordered separately.

1.45 *Addenda, Revisions, Appendixes, and Supplements — On Microfiche:* If a document has an associated AT&T issued addendum, revision, and/or appendix and is available on microfiche, the document and its addendum, revision and/or appendix are entered on the same microfiche. Consequently, neither the document nor its addendum, revision, or appendix can be ordered separately.

2. Master Alphabetical Index — All Divisions

Purpose

2.01 This index provides an alphabetically-arranged list of the subjects covered in AT&T 9-digit documents. Each subject is cross referenced to the division in which information pertaining to that subject can be found. Only the first three digits of the 9-digit division number are shown.

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* Motorola is a registered trademark of Motorola, Inc.

† RCA is a registered trademark of RCA Corporation

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540-000-000	--	Section Applying to More Than One 700 Series PBX Including Centrex CU, Attendant Equipment for Centrex CO, and Touch-Tone Calling
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554-/559- Business Communications Systems

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555-000-000	--	DEFINITY® Communication System Generic 1 and 2 — System 25, 75, 85, Common Systems, Information Systems Network, and Premises Distribution System

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574-000-000	--	Teletypewriter 30 Series and Teleprinters
578-000-000	--	Miscellaneous Data Terminals
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* UNIX is a registered trademark of Novell, Inc.

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* Common Language is a registered trademark of Bell Communications Research, Inc.

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Number	Issue	Subject

999- Product Documentation — User

999-000-000	--	Numerical Index — Product Documentation — User — Data Set, PBX, ACD, Key Set, Telephone Technique, Computers, and Software.

4. Divisional Numerical Indexes

Division 000

DocumentationGeneral Information and Specifications

000-0 Indexes and General Information
- **-000 Indexes**
- **-010 General Information**
- **-015 AT&T Internal Directories**
- **-099 CIRs (Customer Information Releases**

000-1 AT&T Documentation Guidelines
- **-000 Indexes**
- **-100 Documentation Planning Guidelines and Specifications**
- **-110 Development Guidelines and Specifications**
- **-120 Production Guidelines and Specifications**
- **-130 Distribution Guidelines and Specifications**
- **-150 Engineer Drawing Specifications**

000-2 Editorial, Illustrating, and Printing Specifications

000-3 Content Specifications

000-4 Product Specific Documentation Guidelines

000-8 Packaging and Printing Specifications — General Business Systems

Number	Issue	Subject
000-0 Indexes and General Information		
000-000 Indexes		
000-000-000	94	Numerical Index — Division 000 — Documentation — General Information and Specifications (5-95)
000-000-001	27	Master Alphabetical Index — All Divisions (06-92)
000-000-002	16	AT&T Master Index — 9-Digit Numbered Documents — Alphabetical and Numerical Listings (6-95)
000-000-005	10	Master Numerical Index — All Divisions
000-010 General Information		
■ 000-010-012AC	1	Ordering Information for Practices In Microfiche Format
■ Appendix 1 AC	1	AT&T-C Ordering Information for Practices In Microfiche Format — Group Codes
■ Appendix 2 AC	1	Microfiche — Reference Guide
■ 000-010-014AC	1	Subject Matter Expert Procedures for Handling AT&T and AT&T Communications Practices
000-010-016	3	AT&T Documents — Conditions of Releasing, Cancelling, Archiving, and Indexing — (Form E-10215)
[A]■ 000-010-021	2	SPCS Documents — Safeguarding Trade Secret and Other Proprietary Information
■ 000-010-904AC	1	Employee Suggestion Plan — Method of Processing
000-015 AT&T Internal Directories		
■ 000-015-000	1	Number to Order Directories 000-015-010, 000-015-011, and 000-015-012
■ 000-015-010	1	AT&T Southern Area Directory
■ 000-015-011	1	AT&T Eastern Area Directory
000-015-012	1	AT&T Western and Central Region Directory
■ 000-015-013	7/95	AT&T International Key Contact Directory
■ 000-015-100	1/95	AT&T Interoffice Communications Directory
000-099 CIRs (Customer Information Releases)		
000-099-000	2	Interdivisional Numerical Index Customer Information Releases
000-099-003SI	28	CIR Summary — A Synopsis of Customer Information Releases Recently Distributed
❑ 000-099-005	1	Interdivisional Numeric Index Customer Information Releases (CIRs)

Number	Issue	Subject

000-1 Numbering Plan for Documentation-Indexes, Guidelines and Specifications

000-100 Documentation Planning Guidelines and Specifications

■ 000-100-000	1	AT&T Documentation Architecture— An Introduction
■ 000-100-001	1	AT&T Documentation Architecture Process and Quality Guidelines
■ 000-100-002	1	AT&T Documentation Architecture Process and Quality Overview
■ 000-100-010	1	Guidelines for Documentation Plans
■ 000-100-015	1	AT&T Documentation 9-Digit Numbering Plan — Process Standard
■ 000-100-020	2	AT&T Documentation 9-Digit Numbering Plan — Advance Notice Process Standard (5-93)

000-110 Development Guidelines and Specifications

■ Addendum	1	
■ 000-110-001	1	AT&T Documentation Architecture Content and Format Standards (4-92)
000-110-115	3	Top Standards
■ Revision 1	12-92	
■ 000-110-120	1	AT&T Network Systems Customer Documentation— Format Standards
■ Revision 2	10-92	
■ Revision 1	7-92	
■ 000-110-125	1	AT&T Network Systems Customer Documentation — Publishing Standards (4-92)
■ 000-110-135	1	AT&T Network Systems Customer Documentation — Task Oriented Practices (TOP) Standard (4-93)
■ 000-110-140	1	AT&T Documentation Architecture On-Line Documentation Guidelines (1-95)

000-120 Production Guidelines and Specifications

■ 000-120-000	2	AT&T Documentation Cover and Carton Design Standards — An Overview
■ 000-120-001	2	AT&T Documentation Architecture Cover Design Standard
■ 000-120-002	1	AT&T Carton Design Standards Detailed Specifications
■ 000-120-100	1	AT&T Practices — Typesetting Specification
■ 000-120-110	1	AT&T Practices — Printing and Binding Specification
■ 000-120-115	2	AT&T Practices — Illustrating Specification

000-130 Distribution Guidelines and Specifications

■ 000-130-100	1	Ordering Information
■ Appendix 1 AC	1	AT&T Practices — Index — Coded Distribution
■ Appendix 2 AC	1	A Coded Distribution — Central Office Administration — General
■ Appendix 3 AC	1	B Coded Distribution — Data Sets and Services — 100 Series Thru 600 Series
■ Appendix 4 AC	1	C Coded Distribution — Central Office Equipment — Common, Administrative General Information
■ Appendix 5 AC	1	D Coded Distribution — Headquarters Engineering, Station Apparatus, and Other Common Carrier Practice
■ Appendix 6 AC	1	E Coded Distribution — Central Office Equipment — Apparatus
■ Appendix 7 AC	1	F Coded Distribution — L Type Carrier, Wireline Entrance Links, Frequency Generating Systems
■ Appendix 8 AC	1	G Coded Distribution — Outside Plant
■ Appendix 9 AC	1	H Coded Distribution — Operations Support Systems, Circuit Order and Network Administration
■ Appendix 10 AC	1	J Coded Distribution — Power, Converters, Air Dryers, and Miscellaneous Power
■ Appendix 11 AC	1	K Coded Distribution — Analog and Digital Transmission Systems
■ Appendix 12 AC	1	L Coded Distribution — Analog Multiplex Terminal Equipment
■ Appendix 13 AC	1	M Coded Distribution — Television, Program, Test Equipment

Number	Issue	Subject
■ Appendix 14 AC	1	N Coded Distribution — Telegraph Services
■ Appendix 15 AC	1	P Coded Distribution — Private Line Data Services, Equipment and Testing
■ Appendix 16 AC	1	Q Coded Distribution — Special Service — Voice
■ Appendix 17 AC	1	R Coded Distribution — Radio Systems
■ Appendix 18 AC	1	S Coded Distribution — Switching Systems
■ Appendix 19 AC	1	T Coded Distribution — Radio Test Equipment
■ Appendix 20 AC	1	U Coded Distribution — Test Equipment — Transmission
■ Appendix 21 AC	1	V Coded Distribution — Power and Engine
■ Appendix 22 AC	1	W Coded Distribution — Power
■ Appendix 23 AC	1	X Coded Distribution — Meters, Ringing Machines, Picturephone Service, Submarine Cable, TASI Alarm Systems
■ Appendix 24 AC	1	Y Coded Distribution — Engineering Design, General Description and Requirements
■ Appendix 25 AC	1	Z Coded Distribution — Personal Computers, Processors, Peripherals, Work Stations and Data Networking

000-150 Engineer Drawing Specifications

Product Information Practices (PIPs)

■ 000-150-000	1/95	Master PIP Index
■ 000-150-002	1	Introduction
■ 000-150-012P	10/89	Profile: Documentation Planning Guidelines

Common Processes and Practices — Product Design Information

■ 000-150-302	5/94	Assignment of Distribution Codes to AT&T Drawings
■ 000-150-306P	1/95	Profile: PIP Keynote Drawings Content and Retention Requirements
■ 000-150-502	1	Information
■ 000-150-502P	1	Profile: Introduction
■ 000-150-504	1	Apparatus, Circuit, and Equipment
■ 000-150-504P	1	Profile: Apparatus, Circuit, and Equipment
■ 000-150-506	1	Software
■ 000-150-506P	1	Profile: Software
■ 000-150-508	1	Specification and Microelectronic Component
■ 000-150-508P	1	Profile: Specification and Microelectronic Component
■ 000-150-510P	10	Profile: Product Design Quick (PDQ)
■ 000-150-512	10	Electrostatic Discharge (ESD)
■ 000-150-512P	10	Profile: Electrostatic Discharge (ESD)
■ 000-150-514P	11/88	Profile: Notification to Use Procedures
■ 000-150-516P	10	Profile: AT&T EMC Policy and Guideline
■ 000-150-518	10	Product Change (PC)
■ 000-150-518P	10	Profile: Product Change (PC)
■ 000-150-520P	11/88	Profile: Product Design for Safety Practice

000-2 Editorial, Illustrating, and Printing Specifications

Printing Specification

■ 000-200-010AC	1	AT&T Communications Practices — Printing Specifications
■ 000-200-011	1	Typesetting Specification
■ 000-203-150AC	1	AT&T Communications Practices — Standard Word and Phrase List
■ 000-245-155	2	Illustrating Specification Customer Products — 66-Type Connecting Blocks

000-3 Content Specifications

■ 000-300-100	1	Feature Document — Content and Format Specification
■ 000-301-100	1	Data Sheet Specification
■ 000-304-150	2	Content Specification for Data Services

Number	Issue	Subject

000-4 Product Specific Documentation Guidelines

000-440 Switching and Signaling Systems

■	000-440-210	3	US Market Customer Documentation Style Guide

000-480 Product Design Information

	000-480-100	1	Product Design Information Record Retention Requirements
■	000-480-105	1	Keynote Drawings — Content and Retention Requirements (2-95)

Division 002AC

Administrative Practices

Distribution of this index is limited. It can be ordered individually as 002-000-000AC.

Division 005

Abbreviations, Definitions, Drawings,Requirement Tables, Specifications, and Symbols

005-0 Indexes

005-1 Abbreviations, Definitions, Drawings, Requirement Tables, Specifications, and Symbols

Number	Issue	Subject
005-0 Indexes		
005-000-000	64	Numerical Index — Division 005 — Abbreviations, Definitions, Drawings, Requirement Tables, Specifications, and Symbols
005-1 Abbreviations, Definitions, Drawings, Requirement Tables, Specifications, and Symbols		
005-100-104	5	Circuit Drawings, Requirements Tables, Circuit Descriptions, X Specifications, Wiring Lists and Terminal Assignment Lists — Description
005-101-111	11	Abbreviations and Letter Symbols for Use on Drawings and Product Marking, and in Related Text
■ 005-101-113	1	Accessing Data Pertaining to Electronic Components — Standard Abbreviations to be Used
005-104-100	3	Standard Abbreviations — Electronic Systems — Input/Output Messages
005-105-101	4	Pictorial Wiring Diagrams — Methods Used
005-105-102	1	Tabular Wiring Diagrams — Description
005-108-111	5	Symbols for Circuit Schematic Drawings
005-109-101	3	Circuit Schematic Drawings (SDs) — Descriptive Information
005-111-101	2	New Electronic Switching Systems — Circuit Documentation
005-120-101	5	Description of Circuit Requirement Tables
005-120-102	7	Winding and Spring Designations — Apparatus Connecting Points Referred to in Circuit Requirements Tables — Index and General Information
005-120-103	7	Winding and Spring Designations — Apparatus Connecting Points Referred to in Circuit Requirements Tables — Standard Since 1931
005-120-104	4	Winding and Spring Designations — Apparatus Connecting Points Referred to in Circuit Requirement Tables — Standard Prior to 1931
005-121-101	6	Transmission Test Requirement Tables — Description
005-140-101	1	Cabling, Wiring, and Connecting Terms — Definitions
005-150-101	13	Wiring Symbols, Wiring Abbreviations and Definitions — Wiring and Cabling (5-78)

Division 006

Graphic Media Systems and Standards

006-0 Index

006-1 Drawings on 35mm Microfilm

006-2 Documents on 16mm Microfilm

006-3 Documents on Microfiche

006-4 Facsimile Communication (FAX) Systems

-400 General Information and Guidelines

-401 Plain Paper Fax (PPF)

006-0 Index

Number	Issue	Subject
006-000-000	43	Numerical Index — Division 006 — Graphic Media Systems and Standards (5-95)

006-1 Drawings on 35mm Microfilm

Number	Issue	Subject
006-100-100	7	General Information
006-101-100	2	35mm Microfilm for Installation and Telephone Company — Equipment Maintenance
006-110-100	10	Silver Microfilm Production
006-110-500	6	Inspection Procedures — Silver Microfilm
006-115-100	7	Drawings — Reading and Reproducing
006-115-500	6	Inspection Procedures — Duplicate Microfilm
006-115-800	3	Desk Top Readers — KS-16835 L1 and Dukane Model 576-70 — Maintenance and Replacement of Parts
006-120-100	9	Equipment and Materials for Production, Inspection and Reproduction

006-2 Documents on 16mm Microfilm

Number	Issue	Subject
006-200-100	2	General Information
006-210-100	3	Silver Microfilm Production
006-210-500	2	Silver Microfilm Inspection Procedures
006-215-100	2	Reading and Reproducing Documents From Microfilm
006-215-500	2	Duplicate Microfilm Inspection Procedures
006-220-100	4	Equipment and Materials for Production, Inspection, and Reproduction

006-3 Documents on Microfiche

Addendum	1	
006-300-100	1	Standards for Microfiche of Source Documents
006-310-100	2	Program Documents On 105mm Microfiche

006-4 Facsimile Communication (FAX) Systems

006-400 General Information and Guidelines

006-400-100	1	Description, Applications, Definitions
006-400-101	1	Planning of Systems for Internal AT&T Applications
006-400-130	1	Roadrunner Source Book for Fax NOTE: This book is include in 501-501-000 Document Set

006-401 Plain Paper Fax (PPF)

006-401-110	1	AT&T PPF 100 User's Guide
006-401-110A	1	AT&T PPF 100 Read Me First
006-401-115	1	AT&T PPF 300/400 User's Guide
006-401-116	2-95	AT&T PPF 300/400 Study Guide
006-401-117	2-95	AT&T PPF 300/400 Coach's Guide
006-401-118	2-95	AT&T PPF 300/400 Service Handbook

Number	Issue	Subject
006-401-119	2-95	AT&T PPF 300/400 Quick Reference
006-401-125	2-95	AT&T PPF 200 Study Guide
006-401-126	2-95	AT&T PPF 200 Coach's Guide
006-401-127	2-95	AT&T PPF 200 Service Handbook
006-401-128	2-95	AT&T PPF 200 Quick Reference

Division 007

Information Systems

007-0 General Information

007-1 Planning

007-2 Systems Development

007-3 Data Management

007-4 Data Communications

007-5 Data Processing Operations

-591 Computer Security

Number	Issue	Subject
007-0 General Information		
007-000-000	54	Numerical Index — Division 007 — Information Systems
007-000-101	1	007 Bell System Practices Numbering Plan
007-1 Planning		
007-110-300	1	Information Systems Planning
007-110-350	1	Data Communications Strategic Planning
007-180-301	1	Computer Capacity Planning Methodology
007-2 Systems Development		
007-200-100	1	General Information
007-200-201	1	Glossary of System Development Terms and Acronyms
007-200-310	2	Functional Roles in a Systems Environment
007-201-100	1	Rule Administration
007-203-100	1	Rules for Systems Designed for Large- Scale, General Purpose Computing Equipment
007-203-101	5	Standard Operating Environment — IBM*
007-203-102	1	Standard Operating Environment —Sperry UNIVAC — Information System
007-203-110	1	Distribution of Source Code — Centrally Developed Systems
007-203-210	2	Standard Naming Conventions for Systems Operating Under the International Business Machines—Standard Operating Environment
007-204-101	1	Standard Operating Environment — UNIX®* Operating System
007-205-310	2	Guidelines to Establish Service Objectives for Computer-Based Information Systems
007-208-310	1	Project Management
007-209-201	2	System Control Standards
007-209-304	1	System Controls and Examination Guide — Preparation Instructions
007-210-320	2	Review Procedures for the Conversion and Operations Impact of Centrally Developed Systems
007-220-300	1	Total System Development — Milestones
007-220-301	1	Total System Development — Proposal Phase Guidelines
007-220-302	1	Total System Development — Feasibility Phase Guidelines
007-220-303	1	Total System Development — Definition Phase Guidelines
007-220-304	1	Total System Development — Preliminary Design Phase Guidelines
007-220-305	1	Total System Development — Detail Design Phase Guidelines
007-220-306	1	Total System Development — Implementation Guidelines
007-220-307	1	Total System Development — Conversion Phase Guidelines
007-220-308	1	Total System Development — Performance Review Phase Guidelines
007-220-310	1	Total System Development — Strategy Options

* IBM is a registered trademark of International Business Machines.

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject
007-227-305	1	Developmental Documentation
007-227-310	1	Developmental Documentation Specifications — General Information
007-230-210	1	Systems Deliverable Documentation
007-233-300	1	Testing Recommendations for Information Systems
Appendix 1	1	Testing Performance Aid
Appendix 2	1	Structured Walk-Throughs
Appendix 3	1	Test Plan Guidelines
007-235-300	1	Human Factors for System Development
Appendix 1	1	Human Factors Performance Aid
Appendix 2	1	System Deliverable Documentation Cross- Reference
Appendix 3	1	Reference
Appendix 4	1	Glossary
007-240-100	1	Remote Diagnostic Access Facilities — Centrally Developed Systems
007-240-210	1	AT&T Deliverable Systems — Procedures for Maintenance and Continuing Development
007-240-224	1	Change Management Procedures — Modification Request Processing
007-240-300	1	Change Management Procedures — Change Management Organizational Responsibilities

007-3 Data Management

007-301-201	2	General Information
007-301-202	2	Data Security Program
007-301-203	2	Data Attributes and Classification of Data
007-301-204	2	Protective Measures
007-301-205	2	Cost-Risk Analysis
007-301-206	2	Data Security Implementation and Administration
007-340-102	1	Data Base Administration Interface for Deliverable Centrally Developed Systems
007-340-301	1	Operational Data Base Administration — Guidelines

Number	Issue	Subject

007-4 Data Communications

007-400-100	4	Standard Operating Environment
007-450-200	1	Computer Communications — Trouble and Analysis Standard

007-5 Data Processing Operations

007-505-320	2	Guidelines to Produce a Service Agreement for Computer-Based Information Systems
007-505-330	1	Guidelines to Produce a Service Agreement — Minicomputer-Based Operations System
007-550-300	1	General Information — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-550-301	1	Operation Procedures — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-550-302	1	Minicomputer Operations Group — Maintenance Administration — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-550-303	1	System Protection and Physical Security Requirements — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-550-309	1	Minicomputer Operations Group (MOG)— Operational Review Procedures
■ 007-550-309AC	1	Minicomputer Operations Group (MOG)— Operational Review Procedures
■ Appendix 1AC	1	MOG Operational Review — User Perception Survey
007-555-351	2	Minicomputer Maintenance and Operations Center — Center Release Description
007-555-352	1	Minicomputer Maintenance and Operations Center — Center Description
007-555-353	1	Minicomputer Maintenance and Operations Center — Training Guide — Minicomputer Operations Group

Number	Issue	Subject
■ 007-555-353AC	1	Minicomputer Maintenance and Operations Center — Training Guide — Minicomputer Operations Group
007-555-354	1	Minicomputer Maintenance and Operations Center — Center Description — Minicomputer Operations Group
■ 007-555-354AC	1	Minicomputer Maintenance and Operations Center — Center Description — Minicomputer Operations Group
007-555-356	1	Minicomputer Maintenance and Operations Center — Center Evaluation Guide
007-555-358	1	Minicomputer Maintenance and Operations Center — Center Description — Minicomputer Maintenance Group
007-555-359	1	Minicomputer Maintenance and Operations Center — Operations Guide — Minicomputer Maintenance Group
007-555-362	1	Minicomputer Maintenance and Operations Center — Training Guide — Minicomputer Maintenance Group
■ 007-555-363	1	UNIX System Administrator Security Guidelines Minicomputer-Based Operations Systems
007-560-251	1	Method of Operation — Remote Console Unit (RCU) for the PDP* 11/70 Minicomputer
007-560-252	1	Installation and Test — Remote Console Unit (RCU) for the PDP 11/70 Minicomputer
007-560-253	1	Ordering Information — User's Manual — Remote Console Unit (RCU) for the PDP 11/70 Minicomputer
007-560-254	1	Remote Console Unit (RCU) for PDP 11/45 Minicomputer — Method of Operation
007-560-255	1	Remote Console Unit (RCU) for PDP 11/45 Minicomputer — Installation and Test
007-560-256	1	Ordering Information — User's Manual — Remote Console Unit (RCU) for the PDP 11/45 Minicomputer
007-560-257	1	Remote Console Unit (RCU) for PDP 11/40 Minicomputer — Method of Operation
007-560-258	1	Remote Console Unit (RCU) for PDP 11/40 Minicomputer — Installation and Test
007-560-259	1	Ordering Information — User's Manual — Remote Console Unit (RCU) for the PDP 11/40 Minicomputer
007-560-300	2	Minicomputer Reliability Studies System (MRSS) — Computer System Measurement
007-560-301	1	Technical Support — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-560-302	1	Maintenance Organization and Staffing — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-560-304	1	Types of Minicomputer Systems — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-560-306	1	Sparing Strategy for Minicomputers — Minicomputer Maintenance and Operations Center — Computer System Measurement
007-560-307	1	Minicomputer Maintenance Group (MMG) Operational Review — Minicomputer Maintenance and Operations Center (MMOC)
007-560-308	1	Minicomputer Vendor Maintenance Operational Review — Minicomputer Maintenance and Operations Center (MMOC) — Minicomputer Maintenance
007-560-310	1	Test and Acceptance Procedures for Minicomputer Systems — Minicomputer Maintenance and Operations Center — Minicomputer Maintenance
■ 007-560-902AC	1	Minicomputer Maintenance Center (MMC) — Operational Review

* PDP is a registered trademark of Digital Equipment Corporation.

Number	Issue	Subject
007-590-200	1	Computer Center Physical Security and Disaster Recovery — Policy Statement and General Information
007-590-300	1	Computer Center Physical Security and Disaster Recovery — Administration
007-590-301	1	Computer Center Physical Security and Disaster Recovery — Identification of the Processing Environment
007-590-302	1	Computer Center Physical Security and Disaster Recovery — Impact Analysis
007-590-303	1	Computer Center Physical Security and Disaster Recovery — Physical Security
007-590-304	1	Computer Center Physical Security and Disaster Recovery — Contingency Planning and Disaster Recovery
007-590-400	1	Computer Center Physical Security and Disaster Recovery — Physical Security Evaluation
■ 007-590-400AC	1	Computer Administration and Maintenance System — CompuLert® Description

Number	Issue	Subject
007-591 Computer Security Information		
■ 007-591-005	3	Information and Application Sensitivity Classification
■ Appendix 1	3	Sensitivity Classification
■ Appendix 2	3	Application Information Sensitivity Classification Approval
■ Appendix 3	3	Required Controls
■ Appendix 4	2	Supporting Materials
■ 007-591-020	2	AUDIX® Security Guidelines
■ 007-591-105	1	Data Networking Security Guidelines
■ 007-591-205	3	UNIX System Administrator Security Guidelines MINICOM Puter-Bases Operations Systems
■ 007-591-305	3	Security Guidelines for Personal Computers
■ 007-591-310	2	PC Local Area Network Security Guidelines

Division 010

General Methods

010-0 Index, Environmental, CIRs, and Product Availability
- **-010 Product Availability Policies**
- **-099 Customer Information Releases (CIRs)**

010-1 First Aid, Rescue, Fire Fighting, Safety Precautions, Restrictions of Plant Activities, and Radiation
- **-100 First Aid and Rescue Procedures**
- **-105 Fire Fighting**
- **-110 Safety Precautions**
- **-120 Central Office/PBX — Restoration, Planning, and Procedures**
- **-122 Restriction of Plant Activities**
- **-150 General Safety — Microwave Radiation**
- **-160 Environmental Protection**
- **-170 Protection From Exposure to Lead**

010-2 Records and Reports

010-3 Administrative Methods
- **-300/309 Maintenance Methods**
- **-310 General Personnel Methods**
- **-311 Human Resources**
- **-315 Employee Profile**
- **-320 Corporate — Personnel, Employment**
- **-321 Corporate Recruiting**

010-4 Support Services
- **-410 Network Communications Services**

010-5 Administrative Coordination Methods
- **-501 Network Systems — Sales Operations Procedures**
- **-502 Business Communications Systems**
- **-504 Corporate Accounting Practices**
- **-505 Administration of Designed Services**
- **-510 ISSC (Interfunctional Special Services Coordination)**
- **-514 Consumer Communications Services (CCS)**
- **-515 Network Services Division**
- **-521 FAST (Field Assistance and Support Team)**
- **-522/523 NTS (Network Technical Support) Plan**

010-6 Installation and Change Notice Methods

010-7 Engineering Complaint and Consumer Product Report Procedures

010-8 Quality Planning and Processes
- **-801 Quality Control — General Applications**
- **-802 Quality Education and Training**
- **-810 Corporate Support — Bell Labs**
- **-855 Transmission Systems**

Number	Issue	Subject
010-0 Index, Environmental, CIRs, and Product Availability		
010-000-000	33	Numerical Index — Division 010 — General Methods (5-95)
■ Addendum	1	
■ 010-000-001	2	General-Environmental Visits or Inspections Conducted by Environmental Regulatory Agency
010-010 Product Availability Policies		
■ 010-010-100	1	Product Availability Guide
010-099 Customer Information Releases (CIRs)		
010-099-004IR	1	Interchangeability Marking — AT&T Circuit Packs — General
010-099-005MA	2	Maintenance Performed Near Components Encapsulated in Plastic, General
010-099-006IR	1	New Bar Code Label Identifying AT&T Manufacturing (Class M) Product Changes
010-099-007IR	1	Avoidance of Electrostatic Discharge Rampage, General
010-099-008NP	2	5ESS® Switch IDCU (Integrated Digital Carrier Unit) and SLC® Series 5 Carrier General
010-099-009ML	1	Availability of Local Area Signaling Services (LASS) Sales Support Materials, Switching Systems
010-099-010IR	1	KS-21479 Single Density Connector

Number	Issue	Subject
010-1 First Aid, Fire, Safety, and Radiation		
010-100 First Aid and Rescue Procedures		
■ 010-100-009AC	1	First Aid Kits (10-92)
010-100-011	2	Rescue of Employee From Manhole
■ 010-100-011AC	2	Rescue of Employee From Manhole (10-92)
010-100-012	2	Rescue of Employee From Pole
010-100-013	2	Rescue of Employee From Live Wire on Ground
010-105 Fire Fighting		
■ 010-105-100AC	1	Outside Plant — General Safety (10-92)
010-110 Safety Precautions		
Addendum	1	
010-110-001	5	General Safety Precautions — Radio, Television, and Carrier Equipment
010-110-002	2	Safety Precautions — Cathode Ray Tubes
010-110-003	3	General Safety Precautions — Fluorescent Lamps
010-110-004	5	Ladder and Ladder Seats — Safety Precautions — General
010-110-005	1	General Office Safety
010-110-006	1	General Safety Precautions — Placing, Removing, or Maintaining Poles, Cables, Guys, Wire, and Strand Near Power
010-110-007	1	Safety Precautions for Materials Management Operations
010-110-009	1	Handling Working Telephone Circuits — Safety Precautions
■ 010-110-011AC	1	Bills of Lading Instructions
010-111-010	2	Electrical Protection When Using Portable AC Operated Tools and Equipment
010-120 Central Office/PBX — Restoration, Planning, and Procedures		
010-120-010	1	Restoration Planning Prior to Possible Water Damage to Central Office and PBX Equipment
010-120-011	1	Reconditioning Central Office and PBX Equipment Damaged by Water
010-120-015	1	Cleaning and Restoration of Central Office and PBX Equipment Damaged by Fire
■ 010-120-025	3	AT&T Network Systems Emergency Equipment Delivery and Restoration Plan (12-94)
010-122 Restriction of Plant Activities		
010-122-010	1	During Events of National Interest, Welfare or Emergency
■ 010-122-010AC	2	Restriction of Operational Activities During Events of Federal Emergency Declaration or Public Interest (12-93)
010-130-001	1	Heat Tests — Stored Program Control System — Personnel Safety Guidelines and Requirements
010-150 General Safety — Microwave Radiation		
■ AddendumAC	A	
010-150-001	2	General Educational Information
010-150-002	1	Waveguide Hot Patching and Radiation Protective Garment
010-150-003	1	Power Density and Safe Working Distances in Front of Radar Antennas
010-160 Environmental Protection		
010-160-001	1	The Bell System Code for Environmental Protection
■ 010-160-002	4	Scrap Identification of Material Requiring Special Handling — Environmental
■ 010-160-003	1	Waste Management Programs — World-Wide Environmental
■ 010-160-004	2	Customer Support and Operations Environmental Health and Safety Plan Architecture (2/94)

Number	Issue	Subject
■ Addendum	1	
■● 010-160-020	2	Underground Storage Tanks — Resource Conservation and Recovery ACT (RCRA) — Environmental
■ Appendix 1	2	List of Agencies Designated to Receive Notifications
■ Appendix 2	1	Hazardous Substance List
■ Addendum	1	
■ 010-160-021	1	Hazardous Waste Resource Conversation and Recovery Act (RCRA) Environmental
■ Appendix 1	1	Identification and Listing of Hazardous Waste
■ Appendix 2	1	Definition of Solid Waste
■ Appendix 3	1	Schedule for Land Disposal Prohibitions and Establishment of Treatment Standards
■ Addendum	1	
■ 010-160-060	2	Toxic Substances Control Act (TSCA) — Polychlorinated Biphenyls (PCBs) — Manufacturing, Processing Distribution and Use-Prohibitions
■ Appendix 1	1	Toxic Substances Control Act (TSCA) — Polychlorinated Biphenyls (PCBs) — PCB Inspection Manual
■ 010-160-070	1	Toxic Substances Control Act (TSCA) Regulations NOTE: Not available from Customer Information Center. Call Subject Matter Expert at 201-851-3781.
■ 010-160-071	2	Toxic Substance Control Act (TSCA) Reporting and Recordkeeping Procedures
■ Appendix 1	1	TSCA Contacts, References and Reporting Forms
■ 010-160-072	1	AT&T Chemical Substance Management Program — Control of Substances Received at AT&T Locations
■ 010-160-073	1	Guidelines for TSCA R&D Exemption Compliance
■ 010-160-074	1	Toxic Substances Control Act (TSCA) Import/Export of Chemical Substances
■ Appendix 1	1	TSCA Import/Export Subject Matter Experts
■ Appendix 2	1	AT&T TSCA Coordinators
■ 010-160-075	1	Development of Material Safety Data Sheet for AT&T Chemical Products
■ 010-160-076	1	Toxic Ological Evaluation of Chemical Substances
■ 010-160-080	2	Transportation of Hazardous Material and Waste Hazardous Material Transportation Act (HMTA/DOT) — Environmental
■ 010-160-120	1	Sara-Title III: Emergency Planning and Community Right-to-Know Act of 1986 Compliance Requirements
■ Appendix 1	1	The List of Extremely Hazardous Substances And Their Threshold Planning Qualities
■ Appendix 2	1	Tier I/II Reporting Forms October 15, 1987 Federal Register
■ Appendix 3	1	List of Cercla Chemicals 40 CFR Part 302 — Table 302.4
■ Appendix 4	1	List of Toxic Chemicals And Toxic Chemical Release Reporting Forms
■ Appendix 5	1	Contacts: AT&T SERCs; Federal Agencies
■ 010-160-121AC	1	Hazardous Waste — Resource Conservation and Recovery Act (RCRA) — Environmental (1-93)
■ 010-160-160	2	Ionizing Radiation Protection (9-93)
■ 010-160-161	1	Procedures for the Control, Use, and Surveillance of Microwave Cooking Oven
■ 010-160-170	1	Indoor Air Quality Guidelines (5-92)
■ Appendix 1	1	Indoor Air Quality Guidelines — Air Standards (5-92)
■ Appendix 2	1	IAQ Guidelines — Directory of E&S and Medical Personnel (5-92)
■ Appendix 3	1	IAQ Guidelines — Indoor Air Quality Employee Survey (5-92)
■ Appendix 4	1	IAQ Guidelines — Building Survey (5-92)
■ Appendix 5	1	IAQ Guidelines — Sources of Related Information (5-92)
■ 010-160-180	1	AT&T Occupational Exposure to Bloodborne Pathogens — Methods and Procedures (12-93)

Number	Issue	Subject
■ 010-160-181	1	AT&T Occupational Exposure to Lead — Methods and Procedures (7-94)
■ 010-160-182	1	Permit-Required Confined Space (12-94)
■ 010-160-200	1	OSHA — Inspection Compliance Handbook
■ Revision 1	4/95	
■ 010-160-201	3	AT&T Non-Manufacturing Locations Hazard Communication Program (1-93)
■ Addendum	1	
■ 010-160-202	1	Guideline for a Respiratory Protection Program
■ 010-160-203	1	Hearing Conservation
■ Addendum	1	
■ 010-160-204	1	Access to Employee Exposure and Medical Records
■ 010-160-206	1	Personal Protective Equipment (12-93)
■ 010-160-212	1	Procedures for the Control of Hazardous Energy Lockout/Tagout
■ Revision 1	4/95	
■ 010-160-215	1	AT&T Manufacturing Location Hazard Communication Program
■ Addendum	1	
■ 010-160-250	2	AT&T Laser Safety Standard — For Users and Manufacturers
■ Appendix 1	1	Referrals/Forms To Use During An Employee Injury/Illness
■ Revision 1	7/94	
■ 010-160-260	3	Accident Reporting Procedures (3-94)
■ Revision 1	6/94	
■ 010-160-265	3	Occupational Health and Safety and Environmental Protection Plan
■ 010-160-265AI	1	International Occupational Health and Safety and Environmental Protection Plan (12-94)
■ 010-160-266	2	Driver Education Index
■ Addendum	1	
■ 010-160-267	1	Eye Protection
■ Revision 1	6/94	
■ 010-160-268	2	First Aid Kit Practices (3/94)
■ 010-160-271	2	Powered Industrial Vehicles — Methods and Procedures
■ Appendix 1	1	Contacts for AT&T Practice — Powered Industrial Vehicles — Methods and Procedures
010-160-290	1	AT&T Practices — Use and Elimination of Chlorofluorocarbons and Halons
Appendix 1	1	AT&T Practices — Environmental Material Manual
Appendix 2	1	AT&T Practices — Regulated CFC Content of AT&T Used Substances

010-170 Protection From Exposure to Lead

010-170-002	1	Occupational Exposure to Lead

010-2 Records and Reports

010-200-001	1	Procedures for Operational Trouble Reports on Stored Program Control Systems
010-201-001	1	Work Reporting of Central Office Activities — General Description
010-201-009	1	Work Reporting of Central Office Activities — Central Office Cutover and 1 ESS™ Switch to 1A ESS Switch Conversion
010-201-010	1	Work Reporting of Central Office Activities — Special Services Serving Bureaus
Appendix 1	1	Account 603.4 — Interoffice Testing
Appendix 2	1	Account 604.1 — Ordinary Repair of Central Office Equipment
010-210-001	1	Edge Sorted Cards — Method of Coding, Punching and Sorting
010-250-001	1	Crediting Charges on Test Calls

010-3 Administrative Methods

010-300/309 Maintenance Methods

Addendum	1	
010-300-010	2	Controlled Maintenance Plan for Transmission and Signaling Equipment Serving All Trunks and Special Services
010-300-011	8	Equipment Test Lists — Description
● 010-300-020	3	Plug-In Inventory Control System — Central Office Procedures

Number	Issue	Subject
010-300-030	2	Plug-In Inventory Control System (PICS)/ — Detailed Continuing Property Record (DCPR) — Joint Ownership Reporting Procedures
Addendum	2	
010-301-001	2	Quality Review Plan for Trunks and Toll Special Services — Evaluation and Review Procedures
■ 010-302-100AC	2	Digital Control Office (DCO) Maintenance Guidelines
■ Appendix 1AC	1	Asset
■ Appendix 2AC	1	Granger 7400 Transmux
■ Appendix 3AC	1	Digital Office Manager
■ Appendix 4AC	1	MPAC 2500 Mini-Node Technology
■ Appendix 5AC	1	Digital Data Service DDS/DACS
■ Appendix 6AC	1	Digital Central Office — Packet Network Interface (PNI)
■ Appendix 8AC	2	Universal Services Echo Canceler (USEC)
■ Appendix 10AC	2	745 ACCULINK®
010-303-000	1	Telecommunications Service Priority (TSP) Description and Procedures
010-303-100	1	Inter-Business Unit Trouble Resolution Process NOTE: This includes -101 thru -110, -121 thru -129, Tabs and Binder
010-303-101	1	Inter-Business Unit Trouble Resolution Process — Section 1 — Contents
010-303-102	1	Inter-Business Unit Trouble Resolution Process — Section 2 — Introduction
010-303-103	1	Inter-Business Unit Trouble Resolution Process — Section 3 — Overview
010-303-104	1	Inter-Business Unit Trouble Resolution Process — Section 4 — GBCS
010-303-105	1	Inter-Business Unit Trouble Resolution Process — Section 5 — GIS
010-303-106	1	Inter-Business Unit Trouble Resolution Process — Section 6 — Inbound/Outbound
010-303-107	1	Inter-Business Unit Trouble Resolution Process — Section 7 — DCS
010-303-108	1	Inter-Business Unit Trouble Resolution Process — Section 8 — AMS
010-303-109	1	Inter-Business Unit Trouble Resolution Process — Section 9 — Paradyne
010-303-110	1	Inter-Business Unit Trouble Resolution Process — Section 10 — Network Systems
010-303-121	1	Inter-Business Unit Trouble Resolution Process — Job Aid 1 — Customer Trouble Reporting Numbers Reference
010-303-122	1	Inter-Business Unit Trouble Resolution Process — Job Aid 2 — Business Unit Data Requirements
010-303-123	1	Inter-Business Unit Trouble Resolution Process — Job Aid 3 — 1-800-INTER-BU Calling Procedures
010-303-124	1	Inter-Business Unit Trouble Resolution Process — Job Aid 4 — Products/Services per Business Unit
010-303-125	1	Inter-Business Unit Trouble Resolution Process — Job Aid 5 — Business Unit Severity Levels
010-303-126	1	Inter-Business Unit Trouble Resolution Process — Job Aid 6 — Inter-BU Process Expectations
010-303-127	1	Inter-Business Unit Trouble Resolution Process — Job Aid 7 — Service Coverage Options
010-303-128	1	Inter-Business Unit Trouble Resolution Process — Job Aid 8 — General Billing Principles
010-303-129	1	Inter-Business Unit Trouble Resolution Process — Job Aid 9 — Acronyms
010-303-131	1	Inter-Business Unit Trouble Resolution Process — Network Systems Quick Reference
010-303-132	1	Inter-Business Unit Trouble Resolution Process — GBCS Quick Reference
010-303-133	1	Inter-Business Unit Trouble Resolution Process — Paradyne Quick Reference

Number	Issue	Subject
010-310 General Personnel Methods		
010-310-105	1	ATS (AT&T Transfer System) Overview
Addendum	5/94	
010-310-110	3/94	ATS/ARS Supervisor Package
010-310-112	01/90	Job Skills Dictionary
Addendum	5/94	
010-310-113	2/94	AT&T Transfer System (ATS) — AT&T Rehire System (ARS) Information Package
010-310-114	5/93	AT&T Transfer System (ATS) — AT&T Rehire System (ARS) Reference Card
010-310-117	12/89	Supervisor Interview Guide Instructions
010-310-118	12/89	Job Requisition Instructions
010-310-120	1	AT&T Transfer System Video
■ 010-310-130	1	Telecommuting
010-311 Human Resources		
010-311-010	10/90	Diversity Letter of Notice
✇010-311-011	1987	Managing Differences (1/2" VHS)
✇010-311-012	1987	Diversity at Work (1/2" VHS)
✇010-311-013	1987	Communication Across Culture (1/2" VHS)
✇010-311-014	1990	You Make the Difference (1/2" VHS)
✇010-311-015	1990	Supervising Differences (1/2" VHS)
✇010-311-016	1990	Champions of Diversity (1/2" VHS)
✇010-311-017	1990	Profiles in Change (1/2" VHS)
010-311-021	1987	Managing Differences Guide (Chained to -011)
■ 010-311-022	1987	Diversity at Work Guide (Chained to -012)
010-311-023	1987	Communications Across Cultures Guide (Chained to -013)
010-311-024	1990	You Make the Difference Guide (Chained to -014)
010-311-025	1990	Supervising Differences Guide (Chained to -015)
010-311-026	1990	Champions of Diversity Guide (Chained to -016)
010-311-027	1990	Profiles in Change Guide (Chained to -017)
■ 010-311-030	1993	Organizational Energy Valuing Relationship Video Reference Guide
■ 010-311-031	1993	Organizational Energy Valuing Relationship (Video)
■ 010-311-032	1993	Personal Patterns Valuing Relationship Video Reference Guide
■ 010-311-033	1993	Personal Patterns Valuing Relationship (Video)
■ 010-311-034	1993	Interpersonal Synergy Valuing Relationship Video Reference Guide
■ 010-311-035	1993	Interpersonal Synergy Valuing Relationship (Video)
■ 010-311-036	1/94	Valuing Relationship Video Series Cover Letter
■ 010-311-037	1993	Number to Order 010-311-036, -030, and, -031
■ 010-311-038	1993	Number to Order 010-311-036, -032, and, -033
■ 010-311-039	1993	Number to Order 010-311-036, -034, and, -035
■ 010-311-050	1	Money in Motion Financial Package (with 5-1/4 in. diskette)
■ 010-311-051	1	Money in Motion Financial Package (with 3-1/2 in. diskette)
■✇010-311-054	1	Money in Motion Video Tape (SECAM VHS)
■✇010-311-056	1	Money in Motion Video Tape (SECAM VHS Horizontal Version — Middle East or Arabic)
■ 010-311-110	3/94	ATS Oscar — Pathfinder
■ Addendum	12/93	
■ 010-311-111	06/93	ATS Oscar — User Guide
■ 010-311-112	01/92	ATS OSCAR Career/Resource Policies and Practices
010-311-122	1/92	IMS Folder/Packets
010-311-133	1	Workplace of the Future — Unions and the Democratic Vision
010-311-134	1	Workplace of the Future — The New New Product Development Game
✇010-311-135	1	Workplace of the Future — Transcripts
010-311-136	1	Workplace of the Future — Transcripts VHS Video
✇010-311-137	1	Workplace of the Future — Condensed Transcripts
✇010-311-138	2/94	Workplace of the Future — Condensed Transcripts VHS Video
010-311-139	1	Workplace of the Future Post Conference Report (brochure)

Number	Issue	Subject
✇010-311-140	6/93	Workplace of the Future Full Length Version AT&T/IBEW Conference June 16, 1993 (VHS Video)
✇010-311-141	6/93	Workplace of the Future Edited Version AT&T/IBEW Conference June 16, 1993 (VHS Video)
✇010-311-142	6/93	Workplace of the Future Luncheon Speaker Bernard Delury AT&T/IBEW Conference June 16, 1993 (VHS Video)
✇010-311-143	6/93	Workplace of the Future Bob Allens Introduction 3:48
010-311-144	6/93	Workplace of the Future Booklet
010-311-145	1	Workplace of the Future Progress Report
Addendum	1	
010-311-146	1	Workplace of the Future Resource Guide
010-311-147	1	Workplace of the Future — Creating the Corporate Future
010-311-148	1	Workplace of the Future — Idealized Design: Creative Corporate Visioning
010-311-149	1	Workplace of the Future — The Coming of the New Organization
010-311-150	1	Workplace of the Future — Work Teams Can Rev Up Paper Pushers, Too
010-311-151	1	Workplace of the Future — Values Make the Company. An Interview With Robert Haas
010-311-152	1	Workplace of the Future — Creating Quality Cultures in the East and West
010-311-153	1	Workplace of the Future — Different Teams for Different Folks
010-311-154	1	Workplace of the Future — To Create Quality, First Create the Culture
010-311-155	1	Workplace of the Future — What Should the Learning Organization Learn
010-311-156	1	Workplace of the Future — Redisigning Sociotechnical Systems Design: Concepts and methods for the 1990's
010-311-157	1	Workplace of the Future — Managing Without Managers
010-311-158	1	Workplace of the Future — How I Learned to Let My Workers Lead
010-311-159	1	Workplace of the Future — G.E. Keeps Those Ideas Comming
■ 010-311-160	1	The Global Business Communication Systems Associate Support Guide (5/pk)
✇010-311-161	9/94	Workplace of the Future — NSD-NOET Quality/Process Management (Video)
010-311-163	8/94	Quality Improvement Cycle Team Leader Training QU0101 — NSD-NOET
■ 010-311-165	11/94	NSD's Activity Based Information Platform Student Guide
010-311-167	1	Workplace of the Future QU0400 — NSD/NOET
010-311-169	1	Workplace of the Future — Assessing Your Team; Team Members Manual (2-95)
010-311-170	1	Workplace of the Future — Assessing Your Team Leader Pkg. (2-95)

010-313 Benefits

■ 010-313-010	12/91	Overview of Benefits and Employee Advantages
■ 010-313-020	1/94	Supervisor's Guide to OEPS (Occupational Employment Placement System)

010-315 Employee Profile

■ 010-315-000	3	Employee Profile Reference Guide Asset/EPS Reference Guide

010-320 Corporate — Personnel, Employment

010-320-063	1	Occupational Performance Appraisal
■ 010-320-079	1/95	OTT-Plus Supplement
■ Addendum	9/94	
■ 010-320-080	02/94	Separation Package — Involuntary Includes: One Supervisor's Guide and One Employees Guide
■ 010-320-081	10/94	Separation Package — SIPP/VIPP Includes: One Supervisor's Guide and One Employees Guide

Number	Issue	Subject
■ Addendum	4/93	
■ 010-320-082	6/91	Com Package — Non-Management — Includes One Supervisor's Guide and Five Employee Guides
■ 010-320-083	8/93	Income Protection Plan (SIPP)
■ 010-320-084	11/92	AT&T OP VRCP Communication Package
■ 010-320-085	9/93	Special Leave Program/Occupational Employees
■ 010-320-087	06/93	Administration Guide — Occupational Force Management Includes: Text, Tabs and Cover/Spine Inserts for 2" Binder
■ 010-320-088	9/93	Extended Employment Compensation Option — Employee Communication Package
■ 010-320-089	10/94	Extended Compensation Separation Package
■ 010-320-090	04/91	Career Transfer — At Risk Employee Package (PACT)
■ 010-320-091	04/91	Career Transfer — Retained Employee Complete Package (PACT)(Only Management Employees May Order
■ 010-320-092	12/91	Career Transfer — Supervisor's Manual
■ 010-320-100	06/91	Separation Package — SIPP/VIPP (Atlanta Payroll)
■ 010-320-102	11/93	Complete Package — Non-Bargained Occupational SIPP & VIPP

010-321 Corporate Recruiting

010-321-010	1	Student Employee Programs (Brochure) (100/pkg)
■ 010-321-015	1	Connect With the Future (50/pkg) (AT&T Campus Recruitment Literature)
■ 010-321-016	1	Connect With the Future (Tri-fold Brochure) (50/pkg) (AT&T Campus Recruitment Literature)

010-4 Support Services

■● 010-400-002AC	1	User's Guide Communicating Using the AT&T 6300 Personal Computer — SAMNA Word III and Crosstalk
■ 010-400-003	1	Word Processing Reference Manual
■ Appendix 1	1	Introduction
■ Appendix 2	1	Major Steps In the Workflow Cycle
■ Appendix 3	1	Service Tracking System
■ Appendix 4	1	Generic Job Descriptions
■ Appendix 5	1	Word Processing User's Manual
■ Appendix 6	1	Word Processing Equipment Implementation
■ Appendix 7	1	AT&T Correspondence Guidelines
■ Appendix 8	1	Guidelines for Preparing Viewgraphs
■ Appendix 9	1	General References
■ Appendix 10	1	Local Use
■ 010-400-004	1	Correspondence Guidelines
■ 010-400-005	1	Secretarial Procedures Manual
■ 010-400-006	1	Secretarial Procedures Manual for EUO and Corporate Headquarters
■ 010-400-007	1	Secretarial Procedures Manual for Technologies and CSO
■ 010-400-025	10/89	Copier Selection/Procurement Process
■ 010-400-031AC	1	Mail Center Operations Guidelines
■ 010-400-034AC	1	Mail Center Design & Equipment Guide
■ 010-400-035	3	External Mail Delivery Guide
■ 010-400-041AC	1	Methods and Procedures for Records Management
■ Appendix 1AC	1	Records Management Responsibilities
■ Appendix 2AC	1	Records
■ Appendix 4AC	1	How to Organize Records
■ Appendix 5AC	1	Indexing, Filing, and Retrieval Systems
■ Appendix 7AC	1	Records Retention
■ Appendix 8AC	1	Antitrust Document Retention
■ Appendix 9AC	1	Computerized/Electronic Systems — Retention
■ Appendix 10AC	1	Storing Records
■ Appendix 11AC	1	RPCs (Records Protection Centers)
■ Appendix 12AC	1	Departmental Quality Reviews
■ Appendix 13AC	1	Contacts for Records and Information Management

Number	Issue	Subject
■ 010-400-042AC	1	Records Protection
■ Appendix 1AC	1	Glossary — Records and Information Management (RIM) Terms
■ Appendix 2AC	1	Potentially Vital Information/Records by Function
■ 010-400-043AC	1	Micrographics
■ Appendix 1AC	1	Glossary of Micrographic Terms Used in AT&T Practices
■● 010-400-050AC	1	Minority and Women Business Enterprise Program — Methods and Procedures
■ 010-400-052AC	1	Material Safety Data Sheet
■ Appendix 1AC	1	Hazardous Material Article
■ 010-400-061	1	Food Services Operations Manual
■ 010-400-070	1	Building Operations Support System (BOSS) Floor Space Report

010-410 Network Communications Services

AT&T Mail

010-410-100	1991	AT&T GMS — User's Guide
010-410-101	1	AT&T GMS — Command Card
010-410-102	1	AT&T GMS — Mailtalk User's Guide
010-410-103	1	AT&T GMS — Pricing Guide
010-410-104	1	AT&T GMS — Billing Guide
010-410-105	1	AT&T GMS — Registration Form
010-410-106	1	AT&T Mail — Service Update
010-410-107	1	AT&T GMS — Pricing Update
010-410-108	1	AT&T GMS — International/Domestic Accounts
010-410-109	1	AT&T GMS — UNIX®* User's Guide
010-410-110	1	AT&T GMS — LAN User's Guide
010-410-111	1	AT&T GMS — Gateway 400
010-410-113	1	AT&T GMS — UNIX Administrator's Guide

AT&T Enhanced FAX

010-410-208	1	AT&T Enhanced Fax — User's Guide (1/91)
010-410-300	07/90	Enhanced FAX Training

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject

010-5 Administrative Coordination Methods

010-501 Network Systems — Sales Operations Procedures

■ 010-501-013	4/91	Network Systems Customer Service — Understanding the AT&T Order Processing Systems
■ 010-501-014	1	CSR — Advance Planning Job
■ 010-501-015	12/90	Customer Service Representative (CSR) — Advanced Planning
■ 010-501-016	12/90	CSR—Engineer, Furnish, and Install
■ 010-501-017	12/90	CSR — TCE Orders
■ 010-501-019	12/90	CSR — Plant
■ 010-501-020	12/90	CSR — Lighthouse and Exchange Cable
■ 010-501-021	1	Customer Service Rep. CEE
■ 010-501-025	2	Editor — Editing and Sourcing
■ 010-501-026	2	Editor — Discrepancy Clearance/Reports
■ 010-501-028	12/90	Expediter
■ 010-501-029	1	Customer Service Representative Expediter Job Aid
■ 010-501-031	12/90	Customer Service Clerk
■ 010-501-035	4/91	Reference Manual
■ 010-501-040	8/87	Network Systems — Technical Consulting
010-501-100	1	ICISS (Interactive Customer Invoicing Support System)
010-501-115	1	Customer Billing Information
010-501-120	1	Customer On Line — Miscellaneous
■ 010-501-125	2	COTS User's Guide (11-93)
■ 010-501-140	1	ICOPS Information Guide
■ 010-501-145	1	Customer Billing Information System (CBIS) Data Description Guide (4-95)
010-501-200	1	Your Corporate Telecommute Handbook (for switching acct. reps) (includes: handbook, pocket folder, brochure, and sample letter)

010-502 Business Communications Systems

■ 010-502-030	4/91	AT&T Service Contractor Handbook

Number	Issue	Subject
■ 010-502-040	3	Project Manager's Guide (for Sales and Installation Capability)
■ 010-502-041	1	Software Associate/Specialist Job Aid
■ 010-502-042	1	Order Entry/Billing Administrator Guide
■ 010-502-043	1	Assistant Contract Manager's Guide
■ 010-502-060	1	Account Executives Streamlined Implementation Guide

010-504 Corporate Accounting/Financial

■ Addendum	1/95	
■ 010-504-020	5	Financial Management Language (FML) Standards
■ 010-504-021	1	FML Strategic Logical Data Model (11-94)
010-504-030	3/94	Revenue Journalization Management (RJM) Reference Card
■ 010-504-031	1994	RJM Revenue Account Glossary Revenue Journalization Management Accounting Glossary
■ 010-504-032	4/94	Revenue Journalization Management (RJM) Communications Services Financial Code Reference
■ 010-504-061	5/93	AFIRS User Guide (2 Vol. Set)
■ Addendum	8/94	
■ 010-504-065	1	Financial Inventory Reporting Subledger and Tracking (FIRST) User Guide
■ 010-504-066	10/93	Network Systems Visibility Platform (NSVP) User's Guide
■ Addendum	3/95	
■ 010-504-070	1/95	PRISM (Process Initiative Services Management) User Guide
■ 010-504-101	12/94	Financial Coding Guide — CCS (Consumer Communications Services)
■ 010-504-102	1/95	Financial Coding Guide — BCS (Business Communications Services)
■ 010-504-103	12/93	Financial Coding Guide — ICS (International Communications Services)
■ Addendum	9/93	
■ 010-504-104	10/92	Financial Coding Guide — ELS (AT&T Easylink Service®)
■ 010-504-105	1/95	Financial Coding Guide — NSD (Network Services Division)
■ Appendix 1	1/95	Job Aid for NSD Product Services Codes
■ 010-504-106	3/94	Financial Coding Guide — CSF (Common Support Functions)
■ 010-504-107	10/93	Financial Coding Guide — CSFO
■ 010-504-108	8/94	Financial Coding Guide — IMS (Information Management Service)
■ Addendum	4/93	
■ 010-504-109	4/93	Financial Coding Guide — CP (Communications Products
■ 010-504-112	10/92	Financial Coding Guide BS (Includes Key-Word Index)
■ 010-504-113	10/92	Financial Coding Guide BS (Includes Key-Word Index
■ 010-504-114	5/92	AI 1 (Accounting Instructions)
■ 010-504-115	1/95	AI 2 (Accounting Instructions)
■ Addendum	11/94	
■ 010-504-116	10/93	AI 3 (Accounting Instructions)
■ Addendum	5/92	
■ 010-504-117	2	AI 4 (Accounting Instructions)
■ 010-504-118	11/93	AI 5 (Accounting Instructions)
■ Addendum	10/94	
■ 010-504-119	11/93	AI 6 (Accounting Instructions)
■ 010-504-120	4/93	AI 7 (Accounting Instructions)
■ 010-504-122	1/95	Chart of Accounts — CCS
■ 010-504-123	2/95	Chart of Accounts — BCS
■ 010-504-124	2/93	Chart of Accounts — IOD
■ 010-504-125	7/92	Chart of Accounts — ELS
■ 010-504-126	9/94	Chart of Accounts — NSD (Network Services Division)
■ 010-504-127	3/94	Chart of Accounts — CSF
■ 010-504-128	10/92	Chart Of Accounts — CSFO
■ 010-504-129	8/94	Chart of Accounts — IMS
■ 010-504-130	4/93	Chart of Accounts — CP
■ 010-504-132	3/93	Chart of Accounts — BNS
■ 010-504-133	10/92	Chart of Accounts — BS
■ 010-504-134	10/92	Chart of Accounts — CS
■ 010-504-145	1/95	Project Service Hierarchy — List of CCS's Domestic and International Product/Service (P/S) Managers, P/S Hierarchies and P/S Codes
■ 010-504-200	2/95	Corporate Accounts Payable Policy and Procedures Manual

	Number	Issue	Subject
❑■	Addendum	1	
❑■	010-504-201	5	Financial Management Language Strategic Logical Data Model — October 1994

010-505 Administration of Designed Services

	Addendum	1	
	010-505-100	2	Administration of Designed Services

010-506 AT&T Corporate Business Practices

■	010-506-100	1	AT&T Business Case Standards

010-510 ISSC (Interfunctional Special Services Coordination)

Administration

	010-510-001	1	Bell System Practices Numerical Index
	010-510-005	1	Glossary
	010-510-100	1	Overview
	010-510-105	1	Administrative Team Responsibilities
	010-510-110	1	Special Services Provisioning Process
	010-510-120	1	Area Team Responsibilities
	010-510-121	1	Area Chairperson — Responsibilities

Organizational and Area Team Member Responsibilities

❶	010-510-200	2	Business Service Center
	010-510-201	1	Business Marketing
	010-510-202	2	Business Relations — Other Common Carriers
❶	010-510-203	2	Bell-Independent Relations
	010-510-204	1	Business Marketing — Customer Education Delivery
	010-510-205	1	Network Services — Circuit Provision Center
	010-510-206	1	Network Services — Distribution Service
	010-510-207	1	Support Services — Materials Management
	010-510-208	1	Network Services — Network Implementation
	010-510-209	1	Installation and Maintenance
	010-510-210	1	Business Segment Engineering Center
	010-510-211	1	AT&T Communications
	010-510-212	1	AT&T Technologies
	010-510-213	1	Comptrollers
	010-510-214	1	Centralized Operations Group

Inquiries, Orders, Project Planning, and Marketing Requirements

❶	010-510-300	2	Inquiries, Memorandum, and Orders
	010-510-301	1	Control Team Assignment
	010-510-302	1	Interval Determination Procedures
	010-510-303	1	Project Planning and Coordination
	010-510-304	1	Tracking Systems and Status Handling Procedures
	010-510-305	1	Escalation Procedures
	010-510-306	1	Provisioning Analysis Procedures
	010-510-307	1	Multi-State Marketing Requirements

ISSC — AT&T Communications

■	010-510-900AC	1	Practice References and Acronym Definition
■	010-510-902AC	2	Overview
■	010-510-903AC	2	Headquarters Administrative Team Responsibilities
■	010-510-904AC	2	Regional Team Responsibilities
■	010-510-905AC	2	Regional Chairperson Responsibilities
■	010-510-906AC	2	Business Marketing
■	010-510-908AC	2	Organizational and Regional Area Team Responsibilities — Customer Service Design Engineer
■	010-510-909AC	2	Organizational and Administrative Team Responsibilities — Accounting
■	010-510-910AC	2	Organizational and Regional Team Member Responsibilities — Network Services — Network Implementation
■	010-510-911AC	2	Organizational and Region Team Responsibilities External Affairs — Industry Relations
■	010-510-912AC	2	Escalation and Jeopardy
■	010-510-913AC	2	Project Planning and Coordination Procedures

Number	Issue	Subject
■ 010-510-914AC	2	Intervals/Expedites
■ 010-510-915AC	2	Service Inquiries, Service Request, and Confirming Informal Orders Private Line, WATS/800 Services
■ 010-510-916AC	2	Completion Procedures
■ 010-510-920AC	2	Organizational and Headquarters Team Member Responsibilities AT&T Business Relations Interchange Carriers and Resellers
■ 010-510-921AC	2	AT&T WATS/800 Service/Expedites
■ 010-510-922AC	1	Work Stoppage Procedures

010-511 Cost Management — Natural Unit Inventory — Statistics Definitions and Source

Inventory Facilities

■ 010-511-010AC	1	AT&T Switched Network
■ 010-511-011AC	1	AT&T Switched Networks
■ 010-511-020AC	1	Facilities
■ 010-511-030AC	1	Special Services
■ 010-511-031AC	1	Cost Management — Manual Natural Unit Inventory Items Special Services
■ 010-511-040AC	1	Customer Premise Equipment Services
■ 010-511-050AC	1	Support Services

Operations Department — Classified Hours and Materials Reports

■ 010-511-060	3	General Accounting
■ Appendix 1	2	Glossary
■ Appendix 2	2	References
■ 010-511-061	4	Mini Computers
■ Appendix 1	4	Mini-Computer Maintenance Chart
■ Appendix 2	3	Cost of Service
■ 010-511-062	4	Support Services Expense Accounting
■ Appendix 1	4	Cross Reference Table
■ Appendix 2	5	FML Account Coding of Chargebacks
■ Appendix 3	3	Suffix Translation Table
■ 010-511-063	2	Telecommunications Plant Account
■ Appendix 1	3	Capital and Depreciation Accounts
■ 010-511-064	5	Operating Expense Accounts
■ Appendix 1	5	Telephone Plant Maintenance Accounts
■ 010-511-065	3	Operations Department Classified Hours And Materials Reports — Special Service Serving Bureaus (5-92)
■ 010-511-066	3	Miscellaneous Time Charges
■ Appendix 1	3	Non-Productive Time Reporting
■ 010-511-067	1	Network Services Division — Product Service/Study Code— Definition and Elements

010-512 CSO (Central Service Organization)

■ 010-512-100	1	CSO Accounts Payable Policy and Procedures Manual (10/91)

010-514 Consumer Communications Services (CCS)

■ Addendum	10/93	
■ 010-514-100	10/93	CLD/DS CAM Team Process Documentation
010-514-110	1/95	Data Management CCS Account Maintenance Process Flows

010-515 Network Services Division

■ Addendum	2	
■ 010-515-150	1	Contract Procedures Handbook

010-521 FAST (Field Assistance and Support Team)

Addendum	1	
010-521-100	2	Data Technical (DATEC) Support
010-521-101	7	DATEC Support — Designee Directory
010-521-200	2	Voice and Non-Data Special Services Technical (VOITEC) Support
010-521-300	1	Software Technical (SOFTEC) Support
010-521-400	1	Customer Switching Technical (CSTEC) Support

010-522/523 NTS (Network Technical Support) Plan

AT&T-C (AT&T Communications)

010-522-100	3	Description
010-522-101	3	Designee Directory

Number	Issue	Subject
BOCs (Bell Operating Companies)		
010-523-100	2	Description
010-523-101	2	Designee Directory

010-555 Contract Billing System (CBS)

Number	Issue	Subject
■ 010-555-100	10/93	CBS Private Line User's Guide (Text Only)
■ 010-555-101	10/93	CBS Private Line User's Guide (Tabs Only)

010-6 Installation, Planning, Development, and Change Notice Methods

010-600 Control Processes and Procedures

Number	Issue	Subject
■ 010-600-000AC	1	Control Responsibilities and Procedures

010-7 Engineering Complaint and Consumer Product Report Procedures

Number	Issue	Subject
010-700-010	3	Origination and Processing
■ 010-700-010AC	4	Customer Assistant Request — Originating and Processing
■ Appendix 1AC	4	Instructions for Form P3297
■ Appendix 2AC	4	Number Plan Development
■ Appendix 3AC	4	Processing — Switching Systems
■ Appendix 4AC	4	Processing — Facility Systems
010-700-011	2	General Trade Products — Originating and Processing
■ 010-700-011AC	1	Region Designed Arrangements — Originating and Processing
010-700-030	1	Procedure for Expedited Handling of Certain Defective Equipment and Apparatus — GEC-8400 and GEC-8800
010-701-010	1	Field Surveys of Products — General Description

010-710 Product Engineering Control Center (PECC) Information Management System (PIMS)

Number	Issue	Subject
010-710-015	1	PIMS User's Manual

010-8 Quality Planning and Processes

010-801 Quality Control — General Applications

Number	Issue	Subject
AT& T Quality Workbench		
010-801-010	1.4	SQC Troubleshooter with Software
010-801-013	3.0	STAR User Documentation
010-801-016	1	Quality Engineering Using ROBUST Design
■ 010-801-020	3.0	STAR® (Statistical Analysis of Reliability) License/AT&T 6386 WGS
■ 010-801-020R	05/91	Annual STAR Licence Renewal
■ 010-801-021	3.0	STAR Licence for SUN* Work
■ 010-801-022	3.0	STAR Licence for DEC VAX†
■ 010-801-023	3.0	STAR Licence for IBM‡ System 370
■ 010-801-024	3.0	STAR Licence Hotline Supplement
■✇010-801-030	3.0	STAR Installation Package for AT&T 6386 PC
■✇010-801-031	3.0	STAR Installation Package for Sun-4/Sun SPARC Station
■✇010-801-032	3.0	STAR Installation Package for DEC VAX
■✇010-801-033	3.0	STAR Installation Package for IBM System 370
■✇010-801-034	3.0	STAR Installation Package for SUN (9 Trk)
■✇010-801-041	3.0	AT&T STAR Installation Package for SUN
■✇010-801-042	3.0	AT&T STAR Installation Package for DEC
■✇010-801-043	3.0	AT&T STAR Installation Package for IBM
■✇010-801-044	3.0	AT&T STAR Installation Package for SUN
✇010-801-100	1	Q1000 Assembly Workbench— 3 1/2" book w/disk
✇010-801-101	1	Q1000 Assembly Workbench— 5 1/4" book w/disk

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† DEC and VAX are registered trademarks of Digital Equipment Corporation

‡ IBM is a registered trademark of International Business Machines, Inc.

Number	Issue	Subject
010-802 Quality Education and Training		
010-802-120	01/91	GRASS ROOTS* Presenter (Each)
010-802-121	01/91	GRASS ROOTS Presenter (5 Box)
010-802-125	01/91	GRASS ROOTS Partic. Guide (Each)
010-802-126	01/91	GRASS ROOTS Partic. Guide (10 Box)
010-803 Resources for Quality Management		
■ 010-803-020	7/93	Quality Team Excellence Sharing Rally - Network System News Makers Celebrating Success (2nd Annual Meeting)
■ 010-803-101	1	Self-Managing Teams in the TQM (Total Quality Management) Environment
■ 010-803-102	1	Policy Deployment
■ 010-803-105	1	Empowerment and Coaching
010-810 Corporate Support - Bell Labs		
Best Current Practices (BCP)		
010-810-100	2	Operation Engineering Workbook — PQMI
■✪010-810-101	6/90	Operation Engineering — Flow Diagram Disk
010-810-105	1	Reliability By Design
■ 010-810-106	1991	Reliability Information Handbook/Binder
■ 010-810-110	1	Quality Function Deployment For.
■ 010-810-111	12/90	Quality Function Deployment/BCP (Best Current Practices)
■ 010-810-112	11/90	Hardware Design Check List/BCP
■ 010-810-113	12/93	Project Management Audits/BCP
■ 010-810-114	11/90	Spec Supported/Case (BCP)
■ 010-810-115	4/93	Software Cost Estimation (BCP)
■ 010-810-116	1	Architecture Valid (BCP)
■ 010-810-117	03/91	Hardware Inspections (BCP)
■ 010-810-118	01/91	Development Test Management (BCP)
■ 010-810-119	1	BCP Fast Decision Process
■ 010-810-120	--	BCP Quality Tools and Technology NOTE: This item includes all BCP documents.
010-810-121	1	Systems Engineering Requirements Guidelines
■ 010-810-122	10/92	SRE - Software Reliability Engineering Handbook (BCP)
■ 010-810-123	1	Digital Circuit Design Process (BCP)
■ 010-810-124	1/94	Digital Design Verification (BCP)
■ 010-810-125	2	BCP Code Inspection
■ 010-810-126	--	Hardware package for BCP's Note: Includes 010-810-112, -117, & -123
■ 010-810-127	--	Software package for BCP's Note: Includes 010-810-114, -116, -118, -122, -125, & -128
010-810-128	1	Object Oriented Technology (BCP)
010-810-129	2	Best Current Practice (Flyer) NOTE: Chained to All BCPs (010-810-111 thru 125 and 700-261)
■ 010-810-130	2	Change Control for BCPS
■ 010-810-131	1/94	Software Quality (Draft)
■ 010-810-132	8/94	Artificial Intelligence
■ 010-810-133	11/92	Project Management
■ 010-810-134	8/93	Security Assessment Process
■ 010-810-135	10/92	Systems Engineering Process
■ 010-810-136	8/94	Electro Magnetic Compatibility
■ 010-810-137	8/94	Usability Engineering
■ 010-810-138	8/94	Software Component Management
■ Addendum	6/93	
■ 010-810-200	0	Overview and Process Model (1 of 7 in Mosaic Series) NOTE: To order complete library, order 010-810-207.
■ 010-810-201	0	Software Design and Implementation (2 of 7 in Mosaic Series) NOTE: To order complete library, order 010-810-207.
■ 010-810-202	0	Business Planning (3 of 7 in Mosaic Series) NOTE: To order complete library, order 010-810-207.

* GRASS ROOTS is a registered trademark of Creative Information Technology, Inc.

Number	Issue	Subject
■ 010-810-203	0	Requirements and Architecture (4 of 7 in Mosaic Series) NOTE: To order complete library, order 010-810-207.
■ 010-810-204	0	Hardware Design (5 of 7 in Mosaic Series) NOTE: To order complete library, order 010-810-207.
■ 010-810-205	0	Testing and Verification Notebook (6 of 7 in Mosaic Series) NOTE: To order complete library, order 010-810-207.
■ 010-810-206	0	Current Engineering (7 of 7 in Mosaic Series) NOTE: To order complete library, order 010-810-207.
■ 010-810-207	--	Complete Library of Mosaic Series — Documents 010-810-200 through 010-810-206

010-855 Transmission Systems

■ 010-855-010	1	Transmission Business Unit Front-End Process Guidelines (12-91)
■ 010-855-011	1	Transmission Systems Business Unit — Requirements/Architecure Guidelines (1-94)

Division 015

Customer Product and Services,Marketing, Public Relations

015-0 Index and AT&T Corporate Information
- -000 Index
- -005 AT&T Corporate Information

015-1 AT&T Standards and Administration Procedures
- -111 Universal Card Services

015-2 Product Liability — Safety

015-3 Marketing — Information
- -300 General Information
- -302 Network Systems — Marketing Operations — Training Material
- -303 Network Systems — Customer Operations — Salesware Deliverables — Brochures, Fact Sheets, Folios
- -309 Software Products — Salesware
- -310 Test Equipment
- -311 CFO HPS Project
- -315 Power Equipment/Energy Systems
- -316 Network Cable Systems
- -317 Outside Plant Systems
- -319 Operations Support Systems
- -321 Switching Systems and Signaling Systems
- -325 Network Systems and Services
- -327 Cellular Systems and Services
- -330 Transmission Systems and Services
- -338 Business Communications
- -340 Network Systems Products
- -350 Consumer Products and Services
- -358 Business Communications Systems and Services
- -360 Computer Products and Services
- -370 International Communications Services

015-5 Public Relations

Number	Issue	Subject
015-0 Index and AT&T Corporate Information		
015-000 Index		
015-000-000	22	Numerical Index — Division 015 — Product Information — General, Marketing, Etc. (5-95)
015-005 AT&T Corporate Information		
015-005-001	4/95	AT&T Fact Book
■ 015-005-020	8/93	CCS Organization Directory
■ 015-005-040	1	AT&T Telephone Directory for AT&T Business Systems Customers
■ 015-005-041	1	AT&T Telephone Directory Multi-Location Supplement
■ 015-005-050	1	AT&T Telephone Directory Template
■ 015-005-051	1	AT&T Telephone Directory Diskette Software Program
015-111 Universal Card Services		
015-111-025	1	USC Summary of 1992 Application for Malcolm Baldridge Quality Award (4/93)
015-2 Product Liability — Safety		
■ 015-200-010	1	Product Liability Market Entry Risk Assessment
■ 015-200-015	3	Product Design for Safety Practice
■ 015-200-016	2	User's Guide for Product Design for Safety Practice
■ 015-200-020	1	Product Safety Labeling
■ 015-200-025	1	Product Remedial and Retrieval Practice
■ 015-200-030	1	Consumer Products Safety Practice
■ 015-200-035	1	Customer Equipment AC Grounding
■ 015-200-040	1	Abnormal Potential Test Method
■ 015-264-010	1	Corporate Architecture and Standards — Premises Data Communications

Number	Issue	Subject
015-3 Marketing — Information		
015-300 General Information		
■ 015-300-105	1	Corporate Architecture Standards — IMS Functions and Products (Volume 1)
■ 015-300-106	1	Corporate Architecture Standards — IMS Software Interconnection (Volume 1)
■ 015-300-107	1	Corporate Architecture Standards — Volumes 1 and 2)
015-301 Network Systems — Customer Information Center (CIC)		
015-301-020	1	E-Master Capabilities (brochure)
015-302 Network Systems — Marketing Operations — Training Material		
■ 015-302-005	8	Lines of Business Orientations
■ 015-302-010	1	Ventures and Alliances Handbook (9/93)
■ 015-302-015	3/95	Competitive Inteligence Reference - Telecommunication, Marketing and Industry, End Users, Network Services Providers, and Competitors
■ 015-302-160	2	Special Services Automation
015-303 Network Systems — Customer Operations — Salesware Deliverables — Brochures, Fact Sheets, Folios		
■ 015-303-100	4/90	AT&T - We are a Nationwide Servicing Organization
■ 015-303-103FS	3/91	Cellular Radio Plant Maintenance
■ 015-303-104FS	3/91	Foreign Area Translator
■ 015-303-105FS	3/91	ISDN Installation and Maintenance
■ 015-303-310	10/91	Broadband Basically ISDN Glossary — Broadband ISDN Forms
015-309 Software Products — Salesware		
015-309-021	1	ADW 0656 Maintenance Brochure
015-309-022	1	Applications Development Solutions Integrated Development Environment
015-309-023	1	AT&T Product Brochure (10/pkg.)
015-310 Test Equipment		
015-310-110	1991	Intelligent Private Line Market Plan and Sales — Implementation Document
015-311 CFO HPS Project		
■ Addendum	1	
■ 015-311-150	1	CFO HPS Toolkit Case
■ 015-311-151	1	CFO HPS Primer: First Things First (first tool box)
■ 015-311-152	1	CFO HPS Foundation: Begin With the End in Mind (second tool box)
■ 015-311-153	1	CFO HPS Diversity (third tool box)
■ 015-311-154	1	CFO HPS Development and Career Planning (forth tool box)
■ 015-311-155	1	CFO HPS Recruiting
■ 015-311-156	1	CFO HPS Entire Program Set
■ Addendum	1	
■ 015-311-157	1	CFO HPS Video Tape: A Framework for Engaging Our People
015-315 Power Equipment/Energy Systems		
015-315-201	9/89	Grounding System Services
015-315-311	1	UPS User's Manual: Model 360VA UPS
015-315-312	1	1/2 KVA Standby Power Product Manual
015-315-313	3	UPS Users Manual 3/5 KVA
015-315-314	1	10 KVA Standby Power Product Manual
015-315-330	1	AT&T Uninterruptable Power Systems (UPS) Competitive Product Comparison Marketing Guide
015-315-331	1	250VA UPS
015-315-332	1	750VA UPS
015-315-333	1	-48VDC Enhanced DC Power Cabinet

Number	Issue	Subject
015-316 Network Cable Systems		
■ 015-316-101	1992	Fiber Optic Cable and Apparatus Guide for Industrial Applications
■ 015-316-102	1992	Fiber Optic Link Design Guide for Industrial Applications (7-92)
015-316-103	1/92	Wire Center Modernization Application Chart
015-317 Outside Plant Systems		
015-317-010	1	Connecting Your World (Brochure)
015-317-011	1	Breaking New Ground (Brochure)
015-319 Operations Support Systems		
015-319-011	1	Service Support Guide for Automated SMAS
015-321 Switching Systems and Signaling Systems		
015-321-011	1/89	Facility Protection Services — Marketing Guide
■ 015-321-015	1	Tekelec Corp. Sales Package
015-325 Network Systems and Services		
■✇015-325-020	1	Intelligent Answers with Smart Networks (VHS video & Brochure) (6-90)
■ 015-325-100	3/90	Services Performance Specifications: An Overview
■ Addendum	1	
■ 015-325-105	1	Understanding ISDN Kit
■ 015-325-108	1	ISDN Sales Guide
015-325-115	1	ISDN Enhanced Sound Advanced Technology Solutions for the Broadcasting Industry (06-92)
015-325-116	1	ISDN Enhanced Sound AT&T Revenue Opportunities in the Broadcasting Industry (6-92)
015-327 Cellular Systems and Services		
■ 015-327-101	8/91	Personal Communications Services

Number	Issue	Subject
015-330 Transmission Systems and Services		
■✇015-330-020	1	Transmission Network Management Product Marketing Disk
■✇015-330-021	1	DACS Product Family Marketing Disk (5-95)
■ 015-330-050	1	DACS The Newsletter That Explains Usage (4-95)
■ 015-330-051	1	DACS II, DACS III-2000 & DACS IV-2000 All RBOCS Edition 1.0 (4-95)
■ 015-330-052	1	DACS II & DACS III-2000 AMERITECH Edition 1.0 (4-95)
■ 015-330-053	1	DACS II, DACS III-2000 & DACS IV-2000 Bell Atlantic Edition 1.0 (4-95)
■ 015-330-054	1	DACS II, DACS III-2000 & DACS IV-2000 Bell South Edition 1.0 (4-95)
■ 015-330-055	1	DACS II SMET, DACS II, DACS III-2000 & DACS IV-2000 NYNEX Edition 1.0 (4-95)
■ 015-330-056	1	DACS II & DACS III-2000 Cincinnati Bell Edition 1.0 (4-95)
■ 015-330-057	1	DACS II Southwestern Bell Edition 1.0 (4-95)
■ 015-330-058	1	DACS II, DACS III-2000 & DACS IV-2000 US West Edition 1.0 (4-95)
■ 015-330-059	1	DACS II, DACS III-2000 & DACS IV-2000 Pacific Bell Edition 1.0 (4-95)
■ 015-330-060	1	DACS II, DACS III-2000 & DACS IV-2000 Canada Edition 1.0 (4-95)
■ 015-330-061	1	DACS II, DACS III-2000 & DACS IV-2000 Government Edition 1.0 (4-95)
■ 015-330-062	1	DACS II, DACS III-2000 & DACS IV-2000 CSG Edition 1.0 (4-95)
■ 015-330-063	1	DACS II & DACS III-2000 Cellular, ITCOS All Other Edition 1.0 (4-95)
■ 015-330-064	1	DACS II Mexico Edition 1.0 and DACS II & DACS III-2000 Latin America/Caribbean Edition 1.0 (4-95)
■ 015-330-065	1	DACS II & DACS IV-2000 NSI Edition 1.0 (4-95)
■ 015-330-066	1	DACS II & DACS III-2000 Asia/Pacific Edition 1.0 (4-95)

Number	Issue	Subject
■ 015-330-070	1	DACS Family Configuration — Configuration and Displays Standard Cost and Calculations MOI & BGP 24 Channel DACS II, DACS II-ISX, I-2000 & DACS IV-2000 (4-95)
■ 015-330-071	1	DACS Family Configuration — Configuration and Displays Standard Cost and Calculations MOI & BGP 30 Channel DACS II, DACS II-ISX, I-2000 & DACS IV-2000 (4-95)
■✇015-330-110	3.0	FT2000 Planning Tool OC-48 Lightwave System

015-338 Business Communications

■ 015-338-100	4	Merlin Legend R3.0 Toll Fraud Overview
■ 015-338-110	2	Voice Mail Product Matrix
015-338-112	1	PARTNER® Family Product Sales and Marketing Guide 3.1
■ 015-338-113	1	The Next Teller: NR Solutions For the Banking Industry
015-338-114	1	Building the Perfect Partner Sales Kit Release 3.1
015-338-120	1	NSSD Serialization Job Aid (4 vol. set) (3-94)
■ 015-338-125	1	Intuity Voice Processing Solutions Marketing & Sales Guide
■✇015-338-126	1	Intuity Voice Processing Solutions Demo Tape (Video) Guide
■✇015-338-127	1	Intuity Road Show (Video)
■ 015-338-134	6/92	800 Numbers for Customer Service: A 1992 Profile
■ 015-338-140	1	Training Solutions for Small Business Division (SBD) Sales Aid
■ 015-338-141	12-94	2-10 Do It Again Training Package
■✇015-338-144	12-94	AE Briefcase Training Diskette
■ 015-338-145	9-94	Call Accounting Sales and Marketing Guide
■ 015-338-150	11-94	Distance Learning Solutions Marketing Guide
■ 015-338-160	3-95	Audio Visual Paging Guide

015-340 Network Systems Products

015-340-010	--	Customer Operations Contracting Manual NOTE: Issued twice monthly.
Appendix 1	2	Engineer Furnish and Install Agreement
Appendix 2	2	Engineering and Installation Service Agreement
Appendix 3	2	Installation Service Agreement
Appendix 4	2	Service Agreement

015-350 Consumer Products and Services

015-350-010	--	Consumer Sales and Service — Hardware NOTE: Issued twice monthly.
015-350-070	--	Business Office Handbook — NDSC NOTE: Issued twice monthly.
■ 015-350-100	--	CSPP Equipment Handbook
■ 015-350-101	1	CSPP Equipment Handbook Tabs
■ 015-350-110	1	Management Practices Equipment Guide
015-350-125	2	Consumer Communications Services Programs, Products and Services

015-358 Business Communications Systems and Services

■ 015-358-016	1	Sales Referral System (SRS)
■ 015-358-017	1	Customer Number Information
■ 015-358-020	1	BCS Profit Assurance Manual
015-358-025	3	Services Reference Guide 1992/1993 Edition
015-358-027	9/94	Business Communications Services Guide
■ 015-358-101	1	LSI Definity Video Package
015-358-103	1	Definity Systems Administration Slide Show and Script
■ 015-358-110	1	CallVisor™ Marketing Guide
■ 015-358-111	1	DEFINITY G3 V2 Announcement & Application Guide (9-93)
■ 015-358-115	1	DEFINITY Call Center Connections Marketing and Sales Guide
015-358-116	1	DEFINITY G3V2 Cap Data Sheet
■✇015-358-117	1	DEFINITY Video Training Series Tapes (1-94)
■ 015-358-118	1	DEFINITY Video Training Series Book (12-93)
015-358-119	1	DEFINITY G3 V3 Announcement Guide (4-94)

Number	Issue	Subject
015-358-120	1	Conferencing Products Marketing Guide (8-90)
■ 015-358-122	1	AT&T BCS E911 Systems Marketing Guide (8-90)
■ 015-358-124	1	AT&T Detail Manager Service Guide (7-91)
■ 015-358-128	10/92	Billing Information Manager Services — Ready Reference Manual
■ 015-358-129	1	Binder Only (for 015-358-128)
■ 015-358-130	8/91	Billing Option Pocket Guide (Sliderule) — Sales Aid
■ 015-358-131	4/92	AT&T Optimum Service PC Billing Package (Brochure)
■✇015-358-132	8/91	Billing Information Manager Services — Ready Reference Manual on 3 1/2" Diskette
■✇015-358-133	8/91	Billing Information Manager Services — Ready Reference Manual on 5 1/4" Diskette
■ 015-358-135	1/95	AT&T 800 Services Advance Features and Network Management Sales Guide
015-358-137	1	AT&T Info Worx Sales Guide
■ 015-358-138	6/92	Network Services Design (Brochure)
■ 015-358-140	3/92	The Intelligent Marketing Guide
015-358-140M	1	MEGACOM® Family Sales Kit
015-358-141	1	MEGACOM Sales Kit (5-92)
015-358-142	1	MEGACOM Plus Sales Kit
015-358-143	1	MEGACOM Optimum Sales Kit (5-92)
015-358-144	1	MEGACOM Promotion Sale Kit fall 1992
015-358-145	1994	AT&T Uniplan Sales Kit and Revised MEGACOM® Plus Sales Kit
■ 015-358-146	4/93	MEGACOM Family of Services Billing Guide
■ 015-358-147	4/93	Binder for 015-358-146
015-358-148	1	Middle Market Win Over Campaign (3-93)
015-358-149	6/93	AT&T Parndyne ACCULINK ® Access Controller Special Offer
■ 015-358-150	11/94	QUIPP (Quick Interexchange Pricing Plan) — User's Guide
■✇015-358-155	4/94	800 Service Sales Demo Diskette — Platform Manager and On-line Call Detail Manager (2/pkg 3-1/2")
■ 015-358-156	6/93	Advance 800 Features Ready Set GROW! Ordering Guide
■ 015-358-157	10/94	Outbound Order Negotiation System for Middle Markets Family of Services User's Guide
015-358-193	1	Uniplan Billing Power Kit (7-94)
■ 015-358-195	7/94	Uniplan Quality Assurance Check List
■ 015-358-196	1	AT&T Uniplan Post-Sales Implementation Users Guide
■ 015-358-197	1	Road to Simplicity Sales Kit
■ 015-358-198	3.1	Uniplan Service Desktop Analysis Software Version 3.1
■ 015-358-200	1	Accumaster Services Workstation Marketing Guide
■ 015-358-201	1	Accumaster Services Workstation Slide Presentation
■ 015-358-205	1	Accumaster Integrator Marketing Guide
■ 015-358-207	1	Accumaster Integrator Slide Presentation and Script
■ 015-358-220	1	AUDIX Promotional Campaign Package (Includes slide presentation, comparison matrix, news clips, testimonail, 3 sales briefs, brochure, and note pad)
015-358-230	1	PICASSO® Still Image Phone Marketing Guide
015-358-235	1	CAS for Windows brochure
■ 015-358-236	6/94	CAS for Windows Marketing and Sales Guide
■ 015-358-301	2-94	ASAAP Handbook (Account Strategy And Action Plan)
■ 015-358-304	1	Customer Focus Solutions: Financial Centers of Expertise (10/pkg) (12-94)
■ 015-358-310	1	AT&T Insurance Launch — Sales Starter Kit (3-95)

015-360 Computer Products and Services

015-360-030	1	STARWAN LAN Interconnect Products Marketing Guide
015-360-031	1	STARWAN Network Connectivity Products Brochure
015-360-060	1	STARLAN®/WAN Folder
015-360-061	1	STARLAN 10 Hub (Insert)
015-360-062	1	STARLAN® SmartHub Manager Instructions

Number	Issue	Subject
015-360-063	1	STARLAN Media Adapter (Insert)
015-360-064	1	STARLAN Adapter Units (Insert)
015-360-065	1	STARLAN Rack (Insert)
015-360-066	1	STARLAN Brouters (Insert)
015-360-067	1	STARLAN ISDN (Inserts)
015-360-068	1	STARLAN
015-360-069	1	STARLAN

015-370 International Communications Services

Number	Issue	Subject
■ 015-370-018	1	Alarms Standards Manual
015-370-100	1	Accumaster® Management Global Offer (Brochure)
015-370-105	1	Professional Services Brochure
■ 015-370-106	1	Global Network Management Service
015-370-108	1	Global SDN The Global Networking Sales Kit (4-93)
United Kingdom series		
015-370-110	1	Accumaster® Management Global Offer (Brochure)
015-370-115	1	Professional Services Brochure
■ 015-370-116	1	Global Network Management Service
Spanish Series		
015-370-120	1	Accumaster® Management Global Offer Brochure (Spanish)
015-370-125	1	Professional Services Brochure (Spanish)
015-370-126	1	Global Network Management Service
French Series		
015-370-130	1	Accumaster® Management Global Offer Brochure (French)
015-370-135	1	Professional Services Brochure (French)
Japanese Series		
015-370-140	1	Accumaster® Management Global Offer (Brochure)
015-370-145	1	Professional Services Brochure (Japanese)
German Series		
■ 015-370-150	1	Accumaster® Management Global Offer (Brochure)
015-370-155	1	Professional Services Brochure (German)
Europe		
015-370-801	1	AT&T Pan European Packet Service
015-370-802	1	AT&T Accunet® Packet Service (Europe)
015-370-803	1	AT&T Accunet® Spectrum Digital Services (Europe)
015-370-804	1	AT&T European Data Networking Solutions Benefits
015-370-806	1	(U.K.) AT&T Pan European Data Networking Solutions
015-370-807	1	(U.K.) AT&T Accunet Packet Service Europe
015-370-808	1	(U.K.) AT&T Accunet Spectrum of Digital SVC Europe
015-370-809	1	(U.K.) AT&T European Data Networking Solutions for Benefits
015-370-811	1	(German) Die Paneuoopaisch En Datennetz Werk
015-370-812	1	(German) AT&T Accunet Packet Service in Europe
015-370-813	1	(German) AT&T Accunet Digital Service Palette in Europe
015-370-814	1	(German) Dievorteile Der Europaischen Datennet
015-370-816	1992	AT&T Interspan Frame Relay Service (Europe)
■ 015-370-825	1	Entering the Global Network Arena Sales Kits — Bid Form, Sales Script, Network Solutions

015-371 International Business Systems and Services

Number	Issue	Subject
■ 015-371-101	10-92	Global Business Video — Sales and Marketing Guide
015-371-105	12/94	Digital Exchange Business Services (DEBS) Centrex Selling Guide

015-372 International Switching Systems

Number	Issue	Subject
015-372-101	1	5ESS-2000 Switch System Overview

Number	Issue	Subject
015-372-102	1	5ESS-2000 Switch OA&M Marketing Overview
015-372-103	1	5ESS-2000 Switch AT&T Intelligent Network System Overview

015-380 Transition Service

015-380-012	4-91	1AESS Switch to 5ESS Switch Transition Support Service

015-5 Public Relations

015-501 Corporate Promotions

■✇015-501-100	1	Any Time Any Where (Video) (9-94)

Division 019

Educational Material and ServicesCEC, Dublin, Hickory Ridge, Etc.

019-0 Index and General

019-1 Corporate Education And Training

019-2 Business Divisions

019-3 Hickory Ridge Training Center

019-5 Intellectual Property

019-W WIPS (Work Information Packages)

Number	Issue	Subject
019-0 Index and General		
019-000 Index		
019-000-000	8	Numerical Index — Division 019 — Educational Services — CEC, Dublin, Hickory Ridge, Etc. (2-95)
019-1 Corporate Education And Training		
019-101 Management Education and Training		
■ 019-101-010	1	Skill Kit SG/IQR Package (Pkg. includes 019-101-011 and 019-101-102 for CRS)
■ 019-101-011	1	Skill Kit — Student Guide
■ 019-101-012	1	Skill Kit — Instructor's Quick Reference
■ 019-101-013	1	Skill Kit — Video Tape
■ 019-101-030	1	AT&T Instructor and Student Guide — Format Guidelines
■ 019-101-031	3	AT&T Training Development Planning and Quality Control Guide
■ 019-101-035	1	AT&T Training Directory
■ 019-101-040	1	Training Test Consultant
■ 019-101-041	1	Training Delivery Consultant
■ 019-101-042	2	Selecting and Managing Training Consultants
■ 019-101-050	1	Introduction to Computer Based Training
■ 019-101-051	1	Managing the Process to Provide Electronic Training
■✪019-101-052	1	Electronic Systems: Solutions for Training (VHS Video)
019-101-060	1	Guide to Effectiveness Testing of Performance and Improvement Materials (10-91)
019-102 Performance Management Initial Training Partners		
■✪019-102-101	1	Achieving World Class Performance (VHS Video)
■ 019-102-102	--	Achieving World Class Performance (5 Books)
■✪019-102-103	1	The Business Imperative (VHS Video)
■ 019-102-104	1	The Business Imperative
■✪019-102-105	1	Goal and Objective Setting (VHS Video)
■ 019-102-106	1	Goal and Objective Setting
■✪019-102-107	1	People Development (VHS Video)
■ 019-102-108	1	People Development
■✪019-102-109	1	Feedback, Coaching, and Recognition
■ 019-102-110	1	Feedback, Coaching, and Recognition
■✪019-102-111	1	Performance Review and Appraisal (VHS Video)
■ 019-102-112	1	Performance Review and Appraisal
■ 019-102-113	1	Initial Training Implementation Guide
■ 019-102-115	0000	Performance Management Assistant NOTE: To order call 1-800-TRAINER
Quality Education and Training		
Network Systems		
■ 019-120-100	1	Total Quality Management Workshop

Number	Issue	Subject
019-2 Business Divisions		
019-201 Network Systems		
■ 019-201-010	1	Network Systems Orientation - Participants Manual
■✇019-201-011	12/90	Network Systems Blueprint for Growth (VHS Video)
019-203 Business Communications Services		
■ Revision 1	7/94	
■ 019-203-010	4/94	Performance Management People Development — Skills and Knowledge — Associated Developmental Curricula — C and D Band Managers
019-5 Intellectual Property		
019-500-010	3	Managing Intellectual Property

Division 020

General Information

020-0 Indexes and General Requirements and Methods

Number	Issue	Subject
020-0 Indexes and General Requirements and Methods		
020-000-000	5	Numerical Index — Division 020 — General Information — Division 020 to 178 Inclusive
020-008-711	4	Requirements and Adjusting Procedures Sections — Description and Structure
020-010-711	7	-D Apparatus — General Requirements and Definitions
020-012-711	2	Condensed Sections — General Requirements

Division 024

Amplifiers, Controllers, Control Units,Regulators, and Electron Tubes

024-0 Index and Equipment Test Lists

024-1 Amplifiers and Protective Relaying Equipment

024-3 Controllers and Control Units

024-4 Regulators

024-7 Electron Tubes

Number	Issue	Subject
024-0 Index and Equipment Test Lists		
024-000 Index		
024-000-000	74	Numerical Index — Division 024 — Amplifiers, Controllers, Control Units, Regulators, and Electron Tubes
024-001 Equipment Test Lists		
024-001-011	11	Amplifiers
024-001-012	5	Controllers and Control Units
024-001-013	6	Regulators
024-001-014	4	Electron Tubes
024-1 Amplifiers and Protective Relaying Equipment		
024-100-100	2	94D — Description
024-100-101	1	103C Amplifier
024-100-102	1	103D Amplifier
024-100-103	1	116B Amplifier
024-101-100	1	100-Type Loudspeaker Sets — Description
Addendum	1	
024-102-100	1	106A — Description
024-102-300	1	106A — Initial and Routine Tests
Addendum	1	
024-102-500	1	106A — Tests, Adjustments and Requirements
Addendum	1	
024-103-100	1	118A — Description
024-103-300	1	118A — Initial and Routine Tests
Addendum	1	
024-103-500	1	118A — Tests, Adjustments and Requirements
Addendum	1	
024-104-100	1	124-Type — Description
024-104-101	1	124A Amplifier
024-104-102	1	124B Amplifier
024-104-103	1	124C Amplifier
024-104-104	1	124D Amplifier
024-104-105	1	124E Amplifier — (WESTERN ELECTRIC®)
024-104-106	1	124F Amplifier
024-104-300	1	124-Type — Initial and Routine Tests
Addendum	3	
024-104-500	2	124-Type — Tests and Adjustments
024-104-501	1	Types 103- and 124-Type — Tests and Inspections
024-105-100	1	140-Type — Description
024-105-101	2	141A Amplifier — Description
024-105-300	1	140-Type — Initial and Routine Tests
024-105-500	2	140-Type — Tests, Adjustments and Requirements
Addendum	1	
024-106-100	1	142-Type — Description
024-106-101	1	142A — Input Circuit Variations
024-106-300	1	142-Type — Initial and Routine Tests
Addendum	1	
024-106-500	1	142-Type — Tests, Adjustments and Requirements
024-107-100	2	143-Type — Description
024-107-101	1	143A — Input Circuit Variations
024-107-300	1	143-Type — Initial and Routine Tests
024-107-500	2	143-Type — Tests, Adjustments and Requirements
024-108-100	2	153A and 153B Amplifiers — For Use With Head Telephone Sets — General Descriptive Information
024-108-105	2	292A and 292B — Description

Number	Issue	Subject
024-109-500	2	SD-95396-01 — Voice Controlled Gain Amplifier Using Amplifier Test Set Circuit
024-120-100	1	KS-16575-L1 (McIntosh) — Description
024-120-300	1	KS-16575-L1 (McIntosh) — Initial and Routine Tests
024-120-500	1	KS-16575-L1 (McIntosh) — Tests and Adjustments and Requirements
024-121-100	2	A-120 (McIntosh) — Description
024-121-300	2	A-120 (McIntosh) — Initial and Routine Tests
024-121-500	2	A-120 (McIntosh) — Tests, Adjustments and Requirements
024-122-100	3	KS-20425 Amplifier System — Description
024-122-200	3	KS-20425 Amplifier System — Installation and Maintenance
024-122-400	2	KS-20425 Equalizer-Amplifier System — Connections
024-122-500	3	KS-20425 Amplifier System — Tests, Adjustments, and Operation
024-125-100	3	KS-16622, L1 Amplifier — Description
024-125-300	1	KS-16622-L1 — Initial and Routine Tests
024-125-500	3	KS-16622-L1 — Transmission Tests
024-130-100	2	KS-16740 Amplifier System — Description
024-130-300	1	KS-16740-L2 — Initial and Routine Tests
024-130-500	2	KS-16740-L2 — (Altec 437B) — Transmission Tests
024-140-101	2	227A, B, E, and F Amplifiers — Description
024-140-103	1	227C and 227D Amplifiers — Description
024-140-106	2	KS-20378 L1 and L2 Amplifiers — Description
024-145-100	1	289A and 289B Amplifiers — Description
024-150-100	4	KS-Specification — Speech Amplifiers — General Information
024-150-101	1	KS-16508, L1 and L2 Amplifiers — Description
024-150-102	1	KS-16607, L1 Amplifier — Description
024-150-103	1	KS-16611, L1 Transformer
024-150-104	1	KS-16612, L1 Mixer Unit — Description
024-150-105	1	Input Circuit Arrangements for KS-16608, L1 and KS-16610, L1 Amplifiers
024-150-106	1	KS-16608, L1 Amplifier — Description
024-150-107	1	KS-16610, L1 Amplifier — Description
024-150-108	1	KS-16547, L1 Amplifier — Description
024-150-109	1	KS-16617, L1 Amplifier — Description
024-150-300	1	KS-Specification Speech Amplifiers — Initial and Routine Tests
Addendum	1	
024-150-501	1	KS-16508-L1 — Transmission Tests
024-150-502	1	KS-16547-L1 — Transmission Tests
024-150-503	2	KS-16608 L1 and KS-16610 L1 Amplifiers — Transmission Tests
024-150-504	1	KS-16617-L1 — Transmission Tests
024-174-100	2	KS-20449 Amplifier — Description
024-174-200	2	KS-20449 Amplifier — Installation, Connections, and Maintenance
024-174-500	3	KS-20449 Amplifier — Tests and Adjustments
024-175-100	3	Transistor Amplifiers — KS-16831, L1, L2, L3
024-175-101	3	KS-16831 — Identification and Assembly
024-175-102	2	KS-16831, L4 — Power Supply
024-175-110	3	KS-20159 Equalizer-Amplifier — Description
Addendum	1	
024-175-200	1	KS-16831 — Installation and Maintenance
024-175-210	2	KS-20159 Equalizer-Amplifier — Installation and Maintenance
024-175-400	3	KS-16831 — Connections
024-175-410	2	KS-20159 Equalizer-Amplifier — Connections
024-175-500	4	KS-16831, L1, L2, L3 Amplifiers — Tests and Adjustments

Number	Issue	Subject
024-175-510	2	KS-20159 Equalizer-Amplifier — Tests, Adjustments, and Operation
024-176-100	2	KS-16754, L1, L2, L3 and L4 Amplifiers — Description
Addendum	1	
024-176-200	6	KS-16754 — Identification, Installation, Connections and Maintenance
024-177-100	2	KS-19219, L1 — (3 Watts)
024-177-500	2	KS-19219, L1 — Transmission Tests
024-178-100	2	KS-19602, L1 — Description
Addendum	1	
024-178-500	1	KS-19602, L1 — Tests
024-179-100	1	KS-19601, List 1 Amplifier
024-179-500	1	KS-19601, List 1 Amplifier — Transmission Tests
024-180-100	1	KS-19220, List 2 Amplifier
024-181-100	2	KS-19221 L1 Amplifier
024-182-100	2	KS-19739, L1 Amplifier — Description
024-182-500	3	KS-19739 L1 Amplifier — Tests
024-190-100	1	KS-12046 Loudspeaker
024-191-100	1	KS-12048 Autotransformer
024-191-101	1	KS-14417 Autotransformer
024-191-102	1	KS-14792, L5 Line Matching Transformer
024-192-100	1	KS-16504 Handset — Transmission Characteristics
024-195-100	1	Description and Operation
Addendum	1	
024-195-200	1	1A — Installation and Connections
024-195-300	1	Maintenance
024-195-500	1	1A — Test Procedures

024-3 Controllers and Control Units

024-320-701	1	6B Control Unit — Lubrication
024-321-701	2	36A Control Unit — Requirements and Adjusting Procedures
Addendum	1	
024-330-701	3	Pilot Wire Master Flat Gain Controller — KS-7664 — Requirements and Adjusting Procedures
024-330-801	2	Pilot Wire Master Flat Gain Controller — KS-7664 — Replacement Parts and Procedures
Addendum	2	
024-331-701	3	Pilot Wire Master Twist Controller — KS-7781 — Requirements and Adjusting Procedures
024-331-801	2	Pilot Wire Master Twist Controller — KS-7781 — Replacement Parts and Procedures
024-332-701	2	Brown Indicating Controller — KS-6835 — Requirements and Adjusting Procedures
Addendum	1	
024-345-701	3	Motor Controller KS-5647 — Starter KS-15821 — Requirements and Adjusting Procedures
024-346-701	5	KS-5755, KS-15868, and KS-15983, Starters — Requirements and Adjusting Procedures
024-346-801	3	Starters — KS-5755, KS-15868, and KS-15983 — Replacement Parts and Procedures
024-350-701	4	Voltage Controllers — KS-5016, KS-5117, KS-5374 and KS-5519 — Requirements and Adjusting Procedures
024-350-801	3	Voltage Controller KS-5519 — Replacement Parts and Procedures
024-360-201	3	KS-20522 Controller — High and Low Limit — Installation and Maintenance

024-4 Regulators

024-405-701	2	100A Regulator — Equipped With KS-5511 Motor — Type 892B — Requirements and Adjusting Procedures
024-405-702	3	100A Regulator — Equipped With KS-5511 Motor — Type 892C — Requirements and Adjusting Procedures
024-405-703	4	100A Regulator — Equipped With KS-5511 Motor — Type 892D or Reconditioned Type 892C — Requirements and Adjusting Procedures
024-406-701	3	101 and 102 Regulators — Associated With 50A Drive — Requirements and Adjusting Procedures

Number	Issue	Subject
Addendum	1	
024-408-701	3	KS-2749 Regulator — For Pilot Wire Transmission Regulating System — Requirements and Adjusting Procedures
024-410-701	3	J2 Carrier Regulator — Condenser Drive — Per ED-61694-01, ED-61694-021 and ED-6194-022 — Requirements and Adjusting Procedures
Addendum	1	
024-420-301	4	Speed and Voltage Regulator — J86253A and J86253B — Operating Methods
024-440-301	2	AC Line Voltage Regulators — J86215A and KS-5695 — Motor-Driven Autotransformer Type — Operating Methods
024-442-301	1	J86223 Voltage Regulator — Operating Methods
024-443-301	3	Voltage Regulator and Rectifier — J86246A and J86246B — Operating Methods
024-445-301	5	J86250 Voltage Regulator and Exciter — Operating Methods
024-447-301	1	J86727E Voltage Regulator — Operating Methods
024-449-301	2	J87324A Voltage Regulator — Operating Methods
024-460-101	1	Voltage Regulators — AC-DC Automatic Rotating CAM Types — Description
024-460-301	1	Voltage Regulators — AC-DC Automatic Rotating CAM Types — Operating Methods
024-460-701	4	Voltage Regulators — KS-5016, KS-5117 and KS-5468 — AC-DC Automatic Rotating CAM Types — Requirements and Adjusting Procedures
024-460-801	2	Voltage Regulators — KS-5016, KS-5117 and KS-5468 — AC-DC Automatic Rotating CAM Types — Replacement Parts and Procedures
024-462-101	3	Voltage Regulators — Centrifugal Type — Automatic — Description
024-462-701	9	Voltage Regulator — Centrifugal Type — Automatic — Requirements and Adjusting Procedures
024-462-801	6	Voltage Regulator — Centrifugal Type — Automatic — Replacement Parts and Procedures
024-464-301	2	Voltage Regulator — General Electric Co. — KS-5580 — Electronic Type GVD — Operating Methods
024-465-301	2	AC Line Voltage Regulator — KS-5650 — Operating Methods
024-466-301	3	AC Voltage Regulator — KS-5655 — Operating Methods
024-470-301	2	AC Line Voltage Regulator — KS-15508 — Motor-Driven Autotransformer Type — Operating Methods
024-471-301	1	AC Line Voltage Regulator — KS-15908 Type — Motor-Driven Autotransformer Type — Operating Methods
024-480-701	2	Voltage Regulator — General Electric Type TA, Form B-2 — Requirements and Adjusting Procedures
024-481-101	1	Voltage Regulator — General Electric Type TA-125, Form L — Description
024-481-301	1	Voltage regulator — General Electric Type TA-125, Form L — Operating Methods
024-481-701	2	Voltage Regulator — General Electric Type TA-125, Form L — Requirements and Adjusting Procedures
024-482-701	4	Voltage Regulator — Tilting Pile Type — Requirements and Adjusting Procedures
024-485-301	1	Voltage Regulator for Reserve Alternators — Westinghouse — Type UV-AG — Operating Methods
024-490-301	3	KS-20618 Regulator for Single-Phase Rectifiers — Test Procedures

Number	Issue	Subject
024-7 Electron Tubes		
024-700-801	4	Cold Cathode Tubes Containing Radium Bromide and Krypton 85 — Method of Handling
024-706-701	1	313-Type Cold Cathode Tubes — Using Test Circuit SD-68204-01 — Requirements and Adjusting Procedures — No. 4, A4A, 4A, and 4M Switching Systems
024-707-701	5	Cold Cathode Tubes — Using Test Set SD-25808-01 (J24754A) — Requirements and Adjusting Procedures
024-708-701	5	Cold Cathode Tubes — Using Test Set SD-96464-01 (J94731A) — Requirements and Adjusting Procedures
024-709-801	2	Cold Cathode Tubes — Method of Handling Tubes Not Specially Marked
024-720-801	3	Electron Tube Filament Circuit Adjustment — Reference Voltage and Reference Current Methods
024-720-802	1	Method of Disposal
024-721-801	3	Vacuum Tube Heater Circuit — Method of Adjustment for 9 Volt Operation
024-722-101	3	WESTERN ELECTRIC Marking and Dating
024-723-801	2	NIXIE* Tubes Containing Krypton 85 — Storage and handling

* NIXIE is a registered trademark of the Burroughs Co.

Division 026

Circuit Breakers, Compensators, Contactors,Control Panels, Fuses and Mountings, Magnetic Switches, Selectors, and Starters

026-0 Index and Equipment Test Lists

-000 Index

-001 Equipment Test Lists

026-3 Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches and Starters

026-7 Selectors

Number	Issue	Subject
026-0 Index and Equipment Test Lists		
026-000 Index and Equipment Test Lists		
026-000-000	73	Numerical Index — Division 026 — Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches, Selectors, and Starters
026-001 Equipment Test Lists		
026-001-011	13	Rotary Selectors
026-001-012	4	Miscellaneous Selectors
026-001-013	5	Fuse Mountings, Fuse Enclosures, and Fuses
026-001-014	6	Starters and Compensators
026-001-015	7	Circuit Breakers and Contactors
026-3 Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches and Starters		
Addendum	1	
026-305-701	10	Autotransformer-Type Starters and Compensators — General Electric Company — Requirements and Adjusting Procedures
Addendum	1	
026-305-801	4	Autotransformer-Type Starters and Compensators — General Electric Company — Replacement Parts and Procedures
026-306-701	2	I.T.E. Circuit Breakers — Requirements and Adjusting Procedures
026-306-801	1	I.T.E. Circuit Breakers — Replacement Parts and Procedures
026-307-701	10	Small Circuit Breakers — Requirements and Test Procedures
Addendum	1	
026-310-701	3	Circuit Breaker KS-15636 — Requirements and Adjusting Procedures
Addendum	1	
026-315-701	1	Circuit Breakers — KS-15910 — Requirements and Adjusting Procedures
026-315-801	1	Circuit Breakers — KS-15910 — Replacement Parts and Procedures
026-316-701	1	KS-21413 Protector — Description, Requirements, and Testing
026-320-701	3	Reverse Current Circuit Breakers — Automatic Electric Inc. — D-7064, D-7065, D-7066, and D-7099 — Requirements and Adjusting Procedures
026-340-701	2	Automatic Starters and Compensators — Having No KS Designations — Cutler- Hammer, Inc., Square D Company, and Ward Leonard Electric Company — Requirements and Adjusting Procedures
Addendum	1	
026-343-701	1	Autotransformer-Type Starters — Allen- Bradley Company — Requirements and Adjusting Procedures
026-343-801	1	Autotransformer-Type Starters — Allen- Bradley Company — Replacement Parts and Procedures
Addendum	1	
026-347-701	1	Starters, Circuit Breakers, Contactors, Field Control Panels, and Magnetic Switches — General Electric Company — Requirements and Adjusting Procedures

Number	Issue	Subject
026-350-701	6	Contactors — KS-5323, KS-5323-01, KS-5694, and KS-15572 — Requirements and Adjusting Procedures
026-350-801	2	Contactors — KS-5323, KS-5323-01, KS-5694 and KS-15572 — Piece-Part Data and Replacement Procedures
026-352-701	2	Contactors — KS-5626 — Square D Company — Requirements and Adjusting Procedures
026-354-701	2	Contactors — KS-5642 — Westinghouse Electric Corp. — Requirements and Adjusting Procedures
026-355-701	2	DC Contactor — Plunger Type — KS-5722 — Requirements and Adjusting Procedures
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026-7 Selectors

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Division 028

Autotransformers, Bells, Buzzers, Dials,Dial Adapters and Mountings, Gongs, Headsets, Potentiometers, Rheostats, Ringers, and Sounders

028-0 Index and Equipment Test Lists

028-1 Bells, Buzzers, Gongs, Ringers, and Sounders

028-3 Dials, Dial Adapters and Mountings; Head Telephone Sets and Headsets

028-7 Autotransformers, Potentiometers, and Rheostats

028-9 Condensed Sections

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028-001-011	10	Autotransformers
028-001-012	7	Rheostats
028-001-013	3	Bells, Buzzers, Chimes, and Sounders
028-001-014	3	Dials, Hand Telephone Sets and Headsets
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028-120-701	1	Buzzers — Nos. 12092 and 12093 — Requirements and Adjusting Procedures
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028-131-701	1	Ringers — C4 and C5 Types — Requirements and Adjusting Procedures
028-131-801	1	Audible Alarm Signal Gongs for Office and Miscellaneous Alarms — C4A and C5A Ringers — Piece-Part Data and Replacement Procedures
028-140-701	1	3-Type Sounders and 12521 Sounders — Requirements and Adjusting Procedures
028-141-701	1	7-A Polarized Sounder — Requirements and Adjusting Procedures
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028-300-701	10	2-, 4-, 5-, and 6-Type Dials — Requirements and Adjusting Procedures (Condensed Section: 028-930-701)
028-300-801	6	2-, 4-, 5-, and 6-Type Dials and Associated Dial Mountings and Dial Adapters — Piece-Part Data and Replacement Procedures

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028-310-811	4	Operator Dials and Associated Dial Mountings — Procedures for Cording
028-349-101	2	660 Communication Panel — Description and Connections
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028-350-801	3	KS-19796 Head Telephone Sets — Piece Part and Replacement Procedures
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028-352-501	2	KS-21118 Head Telephone Sets
028-360-501	7	52-Type Head Telephone Sets — Visual Inspections and Electrical Tests
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028-360-812	1	52A and 52B Head Telephone Sets — Modification to Provide a Rotation Stop Bar
028-360-821	5	Operator Telephone Sets — Method of Wrapping Cords and Associated Parts
028-361-501	2	53-Type Head Telephone Sets — Visual Inspections and Electrical Tests
028-361-811	8	53-Type Head Telephone Sets — Piece- Part Data, Replacement Procedures, and Minor Repairs
028-362-501	3	60-Type Head Telephone Sets — Visual Inspection and Electrical Tests
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028-363-501	3	61-Type Head Telephone Sets — Visual Inspection and Electrical Tests
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028-7 Autotransformers, Potentiometers, and Rheostats

Autotransformers

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028-9 Condensed Sections

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Division 030

Calculagraphs, Call Timing Switchs, Cameras,Clocks, Counters, Photo Processors, Registers, Selector Multiple Designation Cards, Switches, Tape Printers, Ticketers, Timers, and Time Stamps

030-0 Indexes and Equipment Test Lists

030-1 Calculagraphs, Clocks, Timers, Call Timing Switch, and Time Stamp

030-3 Cameras, Counters, Photo Processors, Registers, Tape Printers, and Ticketers

030-7 Selector Multiple Designation Cards, Switches

030-8 Sequence Switches

030-9 Condensed Sections

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030-101-101	1	Calculagraphs, Electrically Driven —Model 30 and Model 33 — Description
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030-111-501	1	Measurement of Timing Intervals — Using S1 Timer
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030-112-701	2	Electric Stop Clock — KS-8259 — Requirements and Adjusting Procedures
030-113-701	3	Motor Driven — Switchboard Clock KS- 8263 — Requirements and Adjusting Procedures
030-114-801	2	Switchboard Position Clocks — KS-14156 L13, L14, L15, and L16 — Replacement Procedures
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030-121-501	2	Clock Circuits — Tests

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030-140-702	4	Coin Timers No. 1B, D-99006, and D- 159938 and Associated Nos. 51A, 51C, 52A, D-99004, and D-179538 Drives — Requirements and Adjusting Procedures
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030-140-703	4	Nonzone Test Timers No. 1C and D-99325 — Coin Test Timers No. 1D and D- 99326 and Associated Nos. 51B, 51D, 52B, D-156125, and D-179539 Drives — Requirements and Adjusting Procedures
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030-140-811	1	1-Type Timers — Conversion of Associated 51- and 52-Type Drives From 5- to 4-Minute Operation — Piece-Part Data and Replacement Procedures
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030-141-801	7	2-Type, 4A, 4B (Mfr Disc.), 4E, and D- 171689 — Piece-Part Data and Replacement Procedures
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030-313-101	2	Magnetic Counters — Description
030-320-701	2	Photo Processor KS-14778 — Requirements and Adjusting Procedures
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030-331-702	5	14-Type Traffic and Plant Registers — Requirements and Adjusting Procedures
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030-340-701	2	Bunnell Ink Writing Register — (Pen Register) — Requirements and Adjusting Procedures
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030-767-701	6	Switch per D-159393 and Associated Motor Generator for A3 and A5 Privacy Systems — Requirements and Adjusting Procedures
030-780-301	1	Automatic Electric Company's — 25-Ampere and 80-Ampere Automatic Voltage Regulator Switches — Operation
030-780-701	2	Automatic Electric Company's — 25-Ampere and 80-Ampere Counter EMF Cell Switches — Requirements and Adjusting Procedures
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Division 032

Capacitors, Connectors, Cords, Cord Reels,Diodes, Drops, Jacks, Keys, Lamps, Plugs, Resistors, Signals, Sockets, Thermistors, Transistors, and Varistors

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Division 034

Distributors, Regenerators, and RegenerativeRepeaters for Teletypewriter Service AMA Tape Reels/Reelers, Cleaning Cabinets, Perforators, Readers, Recorders/Reproducers, Tape Announcing Machines, and Translators

034-0 Index and Equipment Test Lists

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034-3 Perforators, Readers, Cleaning Cabinet, Recorders, Recorder-Reproducers, Tape Reeler, AMA Tape Reel and Tape Announcing Machine

034-7 Translators

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034-140-701	1	102A1 Regenerative Repeater Using 119A Telegraph Signal Biasing Circuit — Requirements and Adjusting Procedures
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034-305-701	8	KS-13834, L1 Perforator (Trouble Recorder) — Requirements and Adjusting Procedures
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034-305-811	3	KS-13834 Perforator — Cards, Storing and Handling

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034-306-701	5	KS-13882 L1, L2, and L3 Perforators — Adjusting Procedures — Perforator Cabinet - Requirements
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■ 034-311-301AC	1	Magnetic Tape Management for Stored Program Control, Automatic Message Accounting, and Automatic Message Accounting Recording Center Applications — Description
034-311-302	3	KS-21439, L1, L2, L3, and L4 Data Cartridges — Description, Procurement, and Handling
034-330-701	1	D-176284, D-176447, and D-176449 Readers — Requirements and Adjusting Procedures
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Division 040

Relays

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040-632-801	1	Ammeter Relays — Piece-Part and Replacement Procedures
040-633-701	8	Control Relays — KS-5350, KS-5451, KS-5728, KS-15503, KS-15598 and KS-15806 Types and KS-5264 Transfer Switches Requirements and Adjusting Procedures
040-634-801	2	Transfer Switches and Control Relays Electrically Operated — Replacement Parts and Procedures
040-635-701	3	KS-5453 Voltage Relays — Direct Current — Solenoid Type — Requirements and Adjusting Procedures
040-640-701	2	Thermal Time-Delay Relays, KS-5596 — Requirements and Adjusting Procedures
Addendum	1	
040-641-701	1	KS-5639 Double Coil, Multicontact Control Relay — Requirements and Adjusting Procedures
040-641-801	1	KS-5639 Double Coil, Multicontact Control Relay — Piece-Part Data and Replacement Procedures
040-642-701	1	KS-5656 and KS-5658 — Requirements and Adjusting Procedures
040-643-701	2	KS-5721 Mercury Relays — Requirements and Adjusting Procedures
040-644-701	1	KS-5723 Thermal Time-Delay Relays — Requirements and Adjusting Procedures

Number	Issue	Subject
040-645-701	1	KS-5923 Current or Voltage Relays — Requirements and Adjusting Procedures
040-646-701	3	KS-6902, KS-6903 and KS-7252 — Requirements and Adjusting Procedures
040-647-701	2	KS-7801 through KS-7850 — Requirements and Adjusting Procedures
040-660-701	1	Thermal Relays — KS-13542, KS-13543, KS-13782, KS-13977, KS-13991 and KS-14082 — Requirements and Adjusting Procedures
040-661-701	1	KS-13767 — Requirements and Adjusting Procedures
040-662-701	1	KS-14499 — Requirements and Adjusting Procedures
040-663-701	5	Relays and Flashing Circuits — Used in Air Navigation — Obstruction Lighting Circuits — Requirements and Adjusting Procedures
040-664-701	3	Time-Delay Relay, KS-15513 — Westinghouse Electric Corporation — Requirements and Adjusting Procedures
040-664-811	1	Time-Delay Relay, KS-15513 — Westinghouse Electric Corporation — Modification to Provide an Oiling Device
040-665-701	1	Time-Delay Relay, KS-15513 — Eagle Signal Corporation — Requirements and Adjusting Procedures
Addendum	1	
040-666-701	1	KS-15516-Type Control Relays — Requirements and Adjusting Procedures
040-666-801	1	KS-15516-Type — Piece-Part Data and Replacement Procedures
040-667-701	3	Control Relays — KS-15517 and KS-15726 — Requirements and Adjusting Procedures
040-667-801	2	Control Relays — KS-15517 and KS-15726 — Replacement Parts and Procedures
040-668-701	3	Thermal Time-Delay Westinghouse Relays, KS-15518 — Requirements and Adjusting Procedures
Addendum	1	
040-669-701	1	KS-15519-Type Control Relays — Requirements and Adjusting Procedures
040-669-801	2	KS-15519 — Control Relays — Replacement Parts and Procedures
040-670-701	1	Control Relays — KS-15528 and KS-15756 — Requirements and Adjusting Procedures
040-670-801	1	Control Relays — KS-15528 and KS-15756 — Replacement Parts and Procedures
040-672-701	1	KS-15623 Thermal Overload Relay — Requirements and Adjusting Procedures
040-673-701	1	KS-15863 Control Relay — Requirements and Adjusting Procedures
040-674-701	2	Thermal Relays — KS-16022, KS-16195 and KS-16388 Types — Requirements and Adjusting Procedures
040-675-701	1	KS-16620, List 1 Relay — Requirements and Adjusting Procedures

040-8 Relays — Non-Bell System Codes

040-801-701	2	Dash Pot Relays — Internally Adjusted and Externally Adjusted — Requirements and Adjusting Procedures
040-801-801	2	Externally Adjusted Dash Pot Relays — Piece-Part Data and Replacement Procedures
040-802-701	1	High-Low Voltage Relay — Automatic Electric Company — Requirements and Adjusting Procedures
040-803-701	2	Relays — Step-by-Step — AECO Horizontal-Type Relays Not Listed — In Section 040-236-711
Addendum	1	
040-804-701	1	Automatic Switch Company Relays Having No KS Designations — Requirements and Adjusting Procedures

Number	Issue	Subject
040-804-801	1	Automatic Switch Company Relays Having No KS Designations — Replacement Parts and Procedures
Addendum	1	
040-810-701	2	Struthers-Dunn Relays Having No KS Designations — Requirements and Adjusting Procedures
040-810-801	2	Struthers-Dunn Relays Having No KS Designations — Replacement Parts and Procedures
Addendum	1	
040-811-701	1	Relays Having No KS Designations — Ward Leonard Company, Allen-Bradley Company, and Westinghouse Corporation — Requirements and Adjusting Procedures
040-816-701	11	Relays and Relay Sets — Signal Type — Requirements and Adjusting Procedures
040-816-801	1	Relay and Relay Sets — Signal Type — Piece-Part Data and Replacement Procedures
040-821-701	4	Stromberg-Carlson Relays — 194, 207, 228, 244, 245, 253, 257, 263, 285 and 366 Types — Requirements and Adjusting Procedures (Condensed Section: 040-970-701)
040-826-701	6	Meter Type Relays — Requirements and Adjusting Procedures

040-9 Condensed Sections

Number	Issue	Subject
040-900-701	3	111 (Part of 163), 121, 122, 125, 149, 162, 178 and 179 Types — Requirements — (Condensed Section for 040-219-701)
040-901-701	3	186-Type — Requirements — (Condensed Section for 040-224-701)
040-902-701	2	206, 227, 231 and 239 Types — Requirements — (Condensed Section for 040-228-701)
040-903-701	1	253-Type — Requirements — (Condensed Section for 040-250-701)
040-904-701	2	271, 282 and 310 Types — Requirements (Condensed Section for 040-260-701)
040-905-701	3	280-Type Relays — Requirements — (Condensed Section for 040-267-701)
040-930-701	6	AF, AG, and AJ Types — (Wire-Spring Types) — Requirements — (Condensed Section for 040-502-701)
Addendum	1	
040-931-701	4	AK Type — (Wire-Spring Type) — Requirements — (Condensed Section for 040-504-701)
040-932-701	3	B and G Types — Requirements — (Condensed Section for 040-506-701)
040-933-701	3	E, EA, F, H, R and T Types — Requirements — (Condensed Section for 040-510-701)
040-934-701	4	J-Type — Requirements — (Condensed Section for 040-512-701)
040-935-701	2	L, N and S Types — Requirements — (Condensed Section for 040-514-701)
040-936-701	2	M-Type — Requirements — (Condensed Section for 040-516-701)
040-937-701	8	U, Y, and UA Types — Requirements — (Condensed Section for 040-518-701 and 040-522-701)
040-970-701	1	STROMBERG-CARLSON* Types — Requirements — (Condensed Section for 040-821-701)

* STROMBERG-CARLSON is a registered trademark of Stromberg-Carlson.

Division 065

Miscellaneous Equipment and Materials

065-0 Indexes and Equipment Test Lists

065-1 Furniture, Fixtures, Appliances

065-2 Equipment

-210 Framework

-215 Bays

065-3 Materials

Number	Issue	Subject
065-0 Indexes and Equipment Test Lists		
065-000-000	73	Numerical Index — Division 065 — Miscellaneous Equipment and Materials (5-95)
065-001-011	17	ETL — Furniture Fixture Appliance
065-1 Furniture, Fixtures, Appliances		
065-100-102	6	Operator Chairs — Metal Type — Description
065-100-501	10	Operator Chairs — Tests and Inspection
065-100-801	8	Operator and Supervisor Chairs — Bentwood Type — Piece-Part Data, Replacement Procedures and Reconditioning
065-100-802	14	Operators Chairs — Metal Type — Replacement Parts, Replacement Procedures, and Minor Repairs
065-104-301	3	Stepladders — Use and Care
065-105-301	1	Rolling Platform Ladder — KS-21415 L1 and L2 — Operation, Adjustment, Piece- Part Data, and Replacement Procedures
065-105-501	15	Ladders and Ladder Seats — Tests and Inspections
065-105-802	2	Track-Type Rolling Ladders and Ladder Seats — Piece Part Data, Replacement Procedures, and Minor Repairs
065-105-803	1	Portable-Type Step, Rolling, and Pulpit Ladders — Piece-Part Data, Replacement Procedures, and Minor Repairs
065-106-100	1	SHUJAX* Working Stilts — Telecommunications Applications
065-110-501	2	Extension Lamps and Cords — Tests and Inspections
065-114-701	3	KS-15696, KS-15698, KS-21861, and KS-21862 — Bus Ducts — Application and Maintenance Procedures
065-115-801	5	Bus Ducts — Trolley Type — Piece Part Data and Replacement Procedures
065-116-301	1	Emergency-Lighting Fixture — KS-19431 — Operating Methods
065-120-801	1	Keyshelf Bulletin Holders — Piece-Part Data and Replacement Procedures
065-125-801	1	Maintenance Brackets ED-63343-01 for Supporting Equipment Units
065-2 Equipment		
065-215 Bays		
▲065-215-200	3	Seismic Network Bay Frame — Application Planning Ordering Guide (5-95)
065-215-250	4	Seismic Network Bay Frame — Installation Guide Comcode 107165607 (1-95)
065-3 Materials		
065-305-301	12	Reserve Engine Cooling Systems — Antifreeze Solutions and Treatment for Rust and Leaks
065-320-301	10	Engine Fuel Storage — Operating Methods
065-330-101	12	Materials — General
065-330-102	2	Greases
065-330-103	1	Silicone Oils, Fluids, and Compounds

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Number	Issue	Subject
065-330-105	1	Standby Engine Alternators — Sump Oil Analysis
065-330-110	3	Oils
065-330-120	5	Cleaning Fluids
065-330-320	2	Precautions Using Cleaning Fluids
065-370-101	18	Power Plant Materials — General

Division 067

Concentrators

067-0 Indexes

067-1 NO. 1A, 2A, and 2B Line Concentrators

067-2 Gfeller Line Concentrator

067-3 Line Concentrator and Central Office Equipment Associated with Emergency Reporting System (520-Type PBX)

067-4 Line Concentrator-Identifier

Number	Issue	Subject
067-0 Indexes		
067-000-000	23	Numerical Index — Division 067 — Concentrators
067-1 No. 1A, 2A, and 2B Line Concentrators		
067-100-301	2	Measurement of Concentrator Trunk Usage Using the Trunk Usage Recorder Circuit — SD-96549-01
067-105-201	3	No. 1A — Cutover Procedures and Addition and Deletion of Individual Lines
067-105-202	2	No. 1A — Installation and Removal of Control Unit
067-105-301	4	No. 1A — Trouble Analysis
067-105-302	1	No. 1A — Procedure for Releasing Permanent Signals From Line Concentrator Trunks
Addendum	2	
067-105-501	4	No. 1A — Preinstallation Tests and Tests and Inspections at Time of Installation
Addendum	2	
067-105-502	4	No. 1A — SD-96536-01, SD-96537-01, and SD-95957-01 — System Tests
067-106-201	1	No. 1A With MF Signaling — Cut-Over Procedures and Addition and Deletion of Individual Lines
067-106-301	2	No. 1A With MF Signaling — Trouble Analysis — Operating Methods
067-106-501	1	No. 1A With MF Signaling — Preinstallation Tests — Tests and Inspections at Time of Installation and Out-of- Service Tests
067-106-502	1	No. 1A With MF Signaling — System Tests
067-109-301	2	No. 2A — Trouble Location
067-109-302	2	No. 2A — Procedure for Releasing Permanent Signals From Line Concentrator Trunks and for Taking Line Concentrator Trunks Out of Service
Addendum	1	
067-109-502	3	No. 2A — SD-94815-01 and SD-94816-01 — System Tests
❶ 067-110-301	1	No. 2B — Trouble Location
❶ 067-110-302	1	Procedure for Releasing Permanent Signals From Line Concentrator Trunks
❶ 067-110-303	1	Procedure for Establishing Connection for Transmission Tests From 21A Testboard
❶ 067-110-502	1	No. 2B — System Tests
067-2 Gfeller Line Concentrator		
067-201-101	2	49-9-2, 49-11 + 1-2, 49-12-2 General Description
Addendum	3	
067-201-102	2	49-9-2, 49-11 + 1-2, 49-12-2 — Detailed Circuit Operation
Addendum	1	
067-201-103	2	49-9-2, 49-11 + 1-2, 49-12-2 — Auxiliary and Applique Circuits — Description
Addendum	1	
067-201-201	2	49-9-2, 49-11 + 1-2, 49-12-2 Initial Preparation, Line-Up and Cutover
067-201-401	2	49-9-2 — Schematics
067-201-402	1	49-11 + 1-2 — Schematics
067-201-403	1	49-12-2 — Schematics
067-201-501	2	Power Supply PEC-8001-A — Tests
067-201-502	3	Power Supply PEC-8002 — Tests

Number	Issue	Subject
067-201-701	2	49-9-2, 49-11 + 1-2, 49-12-2 — Apparatus Requirements and Adjusting Procedures
067-201-801	4	49-9-2, 49-11 + 1-2, 49-12-2 — Piece-Part Data, Replacement Procedures — Component Parts and Maintenance Equipment

067-3 Line Concentrator and Central Office Equipment Associated with Emergency Reporting System (520-Type PBX)

067-301-501	3	Central Office Test Circuit SD-98067-01 — 520-Type PBX Emergency Reporting System — Operation Tests
067-302-301	2	Line Concentrator Associated With 520- Type PBX — Recording, Analysis, and Handling Trouble Indicator Reports
067-302-501	3	Line Concentrator Associated With 520- Type PBX — Tests Using Test Circuit SD-98067-01
067-302-502	3	Line Concentrator Associated With 520- Type PBX — Controller Circuit Tests Using Test Circuit SD-98067-01
067-302-503	2	Line Concentrator Associated With 520- Type PBX — Outgoing Trunk Circuits — Operation Tests
067-303-501	1	Long Line Circuits Associated With 520- Type PBX — Tests
067-304-501	1	Selective Routing Circuits Used With Direct Lines Associated With 520-Type PBX — Tests

Number	Issue	Subject

067-4 Line Concentrator-Identifier

067-400-101	1	KS-21056 Test Set (SD-99608-01) — Description, Calibration, and Operation
067-400-501	1	Tone Signaling Circuit SD-99556-01 (J59202) — Tests and Adjustments
067-401-201	1	(J93021) Applied to Telephone Secretarial Service — Tests and Inspection at Time of Installation
067-401-202	1	(J93021) Used With Electromechanical Central Offices — Tests and Inspections at Time of Installation Using Test Set KS-21056
067-401-501	1	(J93021) Applied to Telephone Secretarial Answering Service — Circuit Tests and Trouble Analysis
067-401-502	1	(J93021) Used With Electromechanical Central Offices — Circuit Tests and Trouble Analysis Using Test Set KS-21056
067-405-201	1	(J93021 and J93022) For Use With No. 1 Electronic Switching System — Tests and Inspections at Time of Installation
067-405-202	1	(J93021 and J93022) Used With No. 1 and 2 Electronic Switching Systems — Tests and Inspections at Time of Installation Using Test Set KS-21056
067-405-501	1	(J93021 and J93022) For Use With No. 1 Electronic Switching System — Circuit Tests and Trouble Analysis
067-405-502	1	(J93021 and J93022) Used With No. 1 and No. 2 Electronic Switching Systems — Circuit Tests and Trouble Analysis Using Test KS-21056

Division 069

Apparatus and EquipmentCabling, Wiring, Cleaning, Treating, etc. Methods

069-0 Index, Equipment Test List, and General Apparatus Information

-000 Index

-001 Equipment Test List

-020 General Apparatus Information

069-1 Cabling, Wiring, Skinning, and Connecting

069-3 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — General

069-5 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — Step-by-Step Offices

069-7 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — Crossbar Offices

Number	Issue	Subject
069-0 Index, Equipment Test List, and General Apparatus Information		
069-000 Index		
069-000-000	87	Numerical Index — Division 069 — Apparatus and Equipment — Cabling, Wiring, Cleaning, Treating, etc. — Methods
069-001 Equipment Test List		
069-001-011	16	Cleaning and Reconditioning Apparatus
069-020 General Apparatus Information		
069-020-801	8	Method of Blocking Apparatus and Insulating Contacts
069-1 Cabling, Wiring, Skinning, and Connecting		
069-100-811	2	Cables — 720 and 721 Types — Protection of Insulation
069-105-811	1	Coaxial Office Cable — Preparing for Splicing and Termination
069-120-811	9	Skinning and Preparing Wire for Cross- Connections on Distributing Frames and Cross-Connection Fields
069-130-811	1	Method of Connecting Wires — To Split Terminals
069-131-811	6	Apparatus — Method of Making Test Connections
069-132-811	10	Punched- or Wire-Type Terminals (Not Having Notches or Perforations) — Method of Making and Removing Wrapped Connections
069-133-801	2	Straps and Cross Connections — Solderless Wrapped Connections — Method of Placing
069-135-501	2	Solderless Connectors — Inspection
069-140-811	8	Soldered Connections Using Soldering Coppers — Method of Making and Removing
069-141-811	2	300 and Similar Type Switches and 245 and Similar Type Relays — Soldering Strap Wires
069-3 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — General		
069-301-801	2	Springs and Studs of Dzus Fasteners — Used in the N1 Carrier Telephone System — Piece-Part Data and Replacement Procedures
069-301-802	2	Springs and Studs of Dzus Fasteners — Used in K2 Carrier Telephone System — Piece-Part Data and Replacement Procedures
Addendum	1	
069-305-301	3	General Cleaning of Equipment — Dusting and Washing Operations
[A] 069-306-801	8	Relay Contacts and Parts — Contacts on Similar Apparatus Except Keys and Jacks — Cleaning and Reconditioning
069-307-801	2	North Electric Multicontact Relays — Cleaning and Treating Contacts

	Number	Issue	Subject
	069-310-801	9	Replacing Contacts — Using the 1004A, 1004B, and 1013A Tool Kits — General
	Addendum	1	
	069-310-802	7	Relays (Nonwire Spring-Type), 197-Type Switches, Crossbar Switches, and KS-13835 (AMA) Reader — Replacing Contacts
	Addendum	1	
	069-310-803	8	Relays (Wire-Spring Type) — Replacing Contacts
	069-310-804	4	Relays (Nonwire Spring-Type), 197-Type Switches, and KS-13835 (AMA) Reader — Having Unusual Contact Conditions — Replacement Contacts
	Addendum	1	
	069-311-801	3	10-, 11-, 26-, 27- and 32-Type Banks Associated With Rotary Selectors — Repairing Feeder Brush Tips Using the No. 1004A or 1004B Tool Kit
	069-315-801	2	Heat Coil and Protector Spring Contacts — Cleaning
	069-321-801	2	Stud-Type Rotary Switches, Attenuators, Potentiometers, and Rheostats — Procedures for Cleaning and Treatment
	069-330-801	2	Rotors and Associated Banks of 200-, 206-, 209- and 211-Type Selectors — Cleaning and Treatment
	069-331-801	1	204-Type Selector Bank Contacts and Associated Wipers — Telegraph and Toll Equipments — Cleaning and Treating
	069-344-801	2	911A Connector and 645042 and 645058 AMP Connectors — Repairs
	069-350-801	3	946-/947- and 970-/971-Type Connectors — Cleaning Procedures
A	069-360-801	5	5-, 12-, and 14-Type Registers — Procedures for Cleaning
	069-365-801	2	Slide Wire Apparatus — Cleaning and Lubricating Procedures
	069-370-801	2	KS-13835 Readers and KS-13882 Perforators — Procedures for Cleaning
A	069-379-801	4	Switchboard Equipment — General Cleaning
	069-380-811	3	Plugs — Cleaning and Polishing — Using Portable Plug Cleaner
	069-380-812	2	Plugs — Cleaning and Polishing — Using Cotton Sleeving
A	069-380-813	2	Cleaning Switchboard Plugs — Using the No. 497A or 497B Tool
A	Addendum	1	
A	069-386-801	3	Keys and Jack Contacts — Method of Cleaning
	069-387-801	2	Cleaning Flares of Jacks
	069-388-801	2	Operators Telephone Set Jacks — Cleaning Procedures
A	069-399-201	4	Lettering and Numbering — General Requirements and Methods

069-5 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — Step-By-Step Offices

069-501-801	14	197- and 198-Type Switches and Associated Banks, Commutators, and Wipers — Cleaning Requirements and Procedures
069-501-802	2	Banks Associated With 197- and 198-Type Switches — Removal of Lateral Silver Migration Deposits and Carbonization
Addendum	1	
069-502-801	2	Switches — Plunger Type — Primary and Secondary Line Switches and Out Trunk Switches — Procedure for Cleaning and Treating Bank Contacts
Addendum	1	
069-503-801	5	Equipment Frames — Cleaning by Means of Compressed Air

069-7 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — Crossbar Offices

069-703-801	5	Equipment Frames — Crossbar Offices — Cleaning by Means of Compressed Air
069-703-802	5	Equipment Frames — No. 1 Crossbar and Crossbar Tandem Offices — Cleaning by Means of Compressed Air
069-703-803	4	Equipment Frames — No. 5 Crossbar Offices — Cleaning by Means of Compressed Air

Number	Issue	Subject
069-703-804	4	Equipment Frames — No. 4A and 4M Toll Switching Systems — Cleaning by Means of Compressed Air
069-703-805	1	Equipment Frames — No. 3 Crossbar Systems — Cleaning by Means of Compressed Air

Division 074

Catalogue InformationTools

074-0 Indexes

-099 Customer Information Release (CIR)

074-2 Tools — Coded and Noncoded

Number	Issue	Subject
074-0 Indexes		
074-000-000	21	Numerical Index — Division 074 — Catalogue Information — Tools
074-000-001	32	Index of Tools — Switching System and Power
074-000-006	8	Tools — General Information
074-099 Customer Information Release (CIR)		
❑ 074-099-001TD	2	KS-22488 Tool Kit (Electronic Switching), Switching Systems
074-2 Tools — Coded and Noncoded		
074-202/269 Description		
074-202-114	2	Adapters I
074-202-115	4	Adapters II
074-202-118	3	Adjusters I
074-202-119	4	Adjusters II
074-202-120	2	Adjusters III
074-202-121	3	Adjusters IV
074-202-122	3	Adjusters V
074-202-130	2	Applicators
074-202-135	1	Atomizer
074-205-104	2	Bags
074-205-109	1	Bellows
074-205-114	1	Bits
074-205-116	1	Blades
074-205-121	1	Blocking
074-205-123	1	Blocks
074-205-126	1	Bolt
074-205-129	1	Brace
074-205-132	1	Brackets
074-205-134	1	Breakoff, Tang
074-205-136	1	Bridges
074-205-138	2	Brushes
074-205-140	2	Bumper
074-205-145	2	Bushing
074-205-147	1	Busying
074-208-105	3	Cans
074-208-107	2	Carriers
074-208-109	3	Carrying Case I
074-208-110	4	Carrying Cases II
074-208-111	2	Carrying Cases III
074-208-113	1	Chain
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074-208-117	3	Clamps
074-208-119	2	Cleaners I
074-208-120	4	Cleaners II
074-208-121	3	Cleaners III
074-208-122	1	Clip, Cushion Placing
074-208-124	1	Coder
074-208-127	1	Comb
074-208-129	1	Compressor
074-208-131	2	Connectors
074-208-133	1	Converter, Digital to Analog
074-208-135	2	Cord Repair
074-208-136	1	Cord Shelf
074-208-138	1	Counterbores
074-208-139	1	Coupling
074-208-141	1	Covers
074-208-142	3	Crimpers
074-208-145	1	Cut Nippers
074-208-148	4	Cutters
074-211-105	1	Deburring
074-211-108	1	Depressor, Tab
074-211-111	1	Dial, Screwdriver
074-211-114	1	Dialer
074-211-118	1	Disassembly
074-211-119	1	Dispenser, Wire
074-211-121	1	Dolly
074-211-124	1	Drills
074-211-128	1	Driver, Stud
074-214-125	1	Exhauster
074-214-130	6	Extenders
074-214-139	4	Extractors I
074-214-140	4	Extractors II

Number	Issue	Subject
074-217-110	1	Files
074-217-113	2	Fillers
074-217-115	2	Finger
074-217-118	1	Fixture, Assembly
074-217-121	1	Flashlights
074-217-124	2	Flushing
074-217-130	1	Frames
074-217-140	1	Funnel
074-220-125	3	Gauge and Reading Glass
074-220-129	1	Graver
074-220-132	1	Grip, Hand
074-220-135	1	Guards
074-220-138	2	Guide
074-220-142	2	Guns
074-223-105	1	Hammers
074-223-108	2	Handles, Tool
074-223-110	1	Handling, Card
074-223-114	1	Heads, Ratchet
074-223-115	1	Headsets
074-223-118	1	Heaters
074-223-122	2	Hoists and Slings
074-223-125	4	Holders I
074-223-126	5	Holders II
074-223-128	1	Holster
074-223-130	1	Hone
074-223-132	2	Hooks
074-223-135	2	Pressure Hoses
074-226-116	1	Indicators
074-226-119	6	Inserters
074-226-122	3	Insulators
074-226-125	1	Interrupter
074-229-105	1	Jackscrew
074-229-135	1	Jug, Rubber
074-232-105	2	Keys
074-232-110	1	Kits I
074-232-111	4	Kits II
074-232-112	4	Kit III
074-232-120	1	Knives
074-232-125	1	Knob
074-235-105	2	Belt and Belt Lacer
074-235-109	3	Lamps
074-235-115	1	Lifters, Spring
074-235-120	1	Line
074-235-125	2	Locators
074-235-130	1	Locking
074-235-140	3	Lubricators
074-238-103	1	Machine Station Numbering
074-238-105	1	Magnifier
074-238-115	1	Marker
074-238-125	1	Mirrors, Dental
074-238-135	2	Mounting
074-241-115	1	Needles
074-241-130	1	Nozzles
074-247-105	3	Panel Office
074-247-108	1	Pencil, Dialing
074-247-110	1	Pens
074-247-114	2	Pickup and Filter Chargers
074-247-117	1	Pinchcocks
074-247-120	1	Pins
074-247-125	1	Plate
074-247-127	4	Pliers 1
074-247-128	5	Pliers II
074-247-129	1	Pliers III
074-247-131	2	Positioner
074-247-134	2	Presses
074-247-137	2	Pullers
074-247-140	1	Pumps
074-247-144	2	Punches
074-247-145	1	Punches and Dies
074-253-105	1	Rack
074-253-108	1	Reader, Tape
074-253-111	1	Reamers
074-253-114	4	Reel, Wire
074-253-118	1	Releasers
074-253-120	1	Remagnetizer
074-253-123	3	Removers I
074-253-124	7	Removers II
074-253-127	1	Replacers
074-253-130	1	Rest, Copper, Soldering
074-253-133	2	Restorer
074-253-136	1	Retaining, Disc
074-253-140	1	Rods
074-256-105	4	Safety Equipment I
074-256-106	1	Safety II
074-256-110	1	Scissors
074-256-115	2	Screwdrivers, Offset
074-256-116	1	Screwdrivers, Special
074-256-117	1	Screwdrivers, Standard
074-256-118	1	Screwdrivers, Torque
074-256-120	1	Screw Starters

Number	Issue	Subject
074-256-123	1	Scriber
074-256-128	1	Separators
074-256-129	2	Test Sets
074-256-130	1	Sets, Tool
074-256-131	1	Setter
074-256-133	1	Shears
074-256-135	2	Shields
074-256-137	2	Short Circuiting
074-256-138	1	Shunt, Magnetic
074-256-141	2	Sleeves, Wire Wrapping
074-256-143	1	Slotter — Scraper
074-256-145	1	Socket, Lamp
074-257-105	3	Soldering Coppers and Irons
074-257-107	2	Spacers
074-257-109	1	Spindle, Cam
074-257-111	2	Splicers, Tape
074-257-114	2	Spreader
074-257-117	2	Spudgers
074-257-123	1	Stand, Test
074-257-126	1	Sticks
074-257-129	1	Stone, Abrasive
074-257-131	1	Straightener
074-257-133	2	Stretchers
074-257-135	1	Stripper, Cable
074-257-136	2	Wire Strippers
074-257-138	1	Stud, Assembly
074-257-140	1	Supports
074-257-142	1	Switches, Cutover
074-257-145	1	Syringe, Rubber
074-260-104	2	Tables
074-260-109	1	Tap
074-260-112	4	Test I
074-260-113	5	Test II
074-260-116	1	Threader, Tape
074-260-125	2	Torches
074-260-128	1	Trays
074-260-132	2	Trimmer
074-260-142	1	Tuning
074-260-145	1	Tweezers
074-263-130	1	Unwrapped, Wire
074-266-110	1	Valve, Repair
074-269-105	1	Wedges
074-269-108	1	Winding
074-269-113	4	Wire Wrapper
074-269-116	1	Wrenches, Adjustable
074-269-117	1	Wrenches, Box, Flat
074-269-118	1	Wrenches, Box, Offset
074-269-119	1	Wrench, Box, Offset, Open
074-269-121	1	Wrench, Core
074-269-123	1	Wrenches, Open-End, Flat
074-269-124	2	Wrenches, Open-End, Offset
074-269-125	1	Wrenches, Pin
074-269-126	1	Wrench, Protector-Unit
074-269-128	1	Wrench-Screwdriver Combination
074-269-129	3	Socket Wrenches
074-269-130	1	Wrenches, Socket, Offset
074-269-131	3	Wrenches, Socket Screw
074-269-132	2	Spanner Wrenches
074-269-133	1	Wrench, Tap
074-269-134	3	Torque Wrenches

Division 075

Tools and Materials(Common Usage) Maintenance, Selection and Use

075-0 Indexes and Equipment Test Lists

075-1 Maintenance, Selection and Use

Number	Issue	Subject
075-0 Indexes and Equipment Test Lists		
075-000-000	52	Numerical Index — Division 075 — Tools and Materials — (Common Usage) — Maintenance, Selection and Use
075-001-011	11	ETL — Tools and Material
075-1 Maintenance, Selection and Use		
075-110-301	1	"V" Notch Diagonal Pliers Per Specification 6433 — Sharpening External Notches
075-115-301	1	Aluminum Oxide Coated — Maintenance and Inspection
075-120-701	6	KS-16363 L1 Wire-Wrapping Tool and Associated Bits and Stationary Sleeves — Requirements and Adjusting Procedures
075-120-801	5	KS-16363 and KS-21232 Wire-Wrapping Tool and Associated Bits and Stationary Sleeves — Piece-Part Data and Replacement Procedures
075-121-801	2	KS-16492 Wire Unwrapping Tool — Piece- Part Data and Replacement Procedures
075-121-802	4	Wire-Unwrapping Tool — Heated — KS-16450 L1 — Piece-Part Data and Replacement Procedures
075-125-701	2	No. 497A and 497B Tools (Portable Plug Cleaning Machines) — Requirements and Adjusting Procedures
075-125-801	2	No. 497A, 497B and D-159798 Tools (Portable Plug Cleaning Machines) — Piece- Part Data and Replacement Procedures
075-126-301	1	Lamp Extractor KS-21144 L1 — Description and Use
✇075-127-100	1	R-5701 Plasma Cutter (Video Tape)
075-128-301	1	R-4710 "C" and R-4710A "C" — Impact Tools — Description and Use
075-129-301	3	FASTECH® Backplane Technology — Methods and Procedures
075-130-301	1	B Stud Driver — Description, Operation, and Maintenance
075-140-301	2	Grease and Oil Guns — Filling
075-141-501	7	Insulating Gloves — Tests and Inspections
075-143-302	1	Distributing Frame Bag — Care and Use
075-145-301	1	R-3953 Cable Reel Carrier — Description and Use
075-147-801	2	Wire Reels, KS-8047 — Piece-Part Data
075-150-801	1	Wire Reel KS-21955 — Piece-Part Data
075-160-301	2	Screwdrivers — Selection, Use and Maintenance
075-180-701	2	Vacuum Cleaner Per KS-7507 — Requirements and Adjusting Procedures
075-180-702	1	Vacuum Cleaner — KS-8389 — Requirements and Adjusting Procedures
075-180-703	3	Vacuum Cleaners — KS-14377 — Requirements and Adjusting Procedures
075-180-802	1	Vacuum Cleaner — KS-8389 — Piece-Part Data and Replacement Procedures
075-180-803	3	Vacuum Cleaners KS-14377 Type — Replacement Parts and Procedures
075-190-501	7	Electric Soldering Coppers and Irons — Tests and Inspections
075-190-811	6	KS-14582 L1 and L2 Soldering Coppers and KS-14768 Heat Units — Handling and Maintenance
075-191-812	6	KS-8740, KS-14440, and KS-14582 Soldering Coppers and KS-16346 Soldering Iron (Including KS-16368 Transformer) — Piece-Part Data and Replacement Procedures

Number	Issue	Subject
075-192-301	1	KS-21107 L1 Releaser — Piece-Part Data, Operation, and Maintenance

Division 076

Tools and MaterialsSwitching Systems and Power Maintenance, Selection, and Use

076-0 Indexes and Equipment Test List

076-1 Selection, Maintenance, Use, and Tests

Number	Issue	Subject
076-0 Indexes and Equipment Test List		
076-000-000	11	Numerical Index — Division 076 — Tools and Materials — Switching Systems and Power — Maintenance, Selection, and Use
076-001-011	4	ETL — Tape Splicer and Card Coder
076-1 Selection, Maintenance, Use, and Tests		
076-133-701	2	-D 604-Type Tools (Tape Splicers) — Requirements and Adjusting Procedures
076-133-801	4	604-Type Tools (Tape Splicers) — Piece- Part Data and Replacement Procedures
076-143-101	1	No. 659A Tool (Card Coding Tool) — No. 4A and 4M Toll Switching Systems — Description
Addendum	1	
076-143-701	4	-D 659-Type Tools (For Coding Cards Used With 1-Type Translator) — Requirements and Adjusting Procedures
076-143-801	4	659-Type Tools — Piece-Part Data and Replacement Procedures
076-143-802	2	No. 659A and 659D Tool — Method of Converting to No. 659C and 659E Tool
076-160-101	1	Indicator — KS-16751-L1 — Description
076-190-701	2	Portable Motor Equipment for Base Metal Contact Maintenance — Requirements and Adjusting Procedures
076-190-801	1	Portable Motor Equipment for Base Metal Contact Maintenance — Piece-Part Data and Replacement Procedures

Division 080

Tools and MaterialsCustomer Equipment

080-0 Indexes

080-1 Customer Equipment Tools

080-7 Customer Equipment Materials

Number	Issue	Subject
080-0 Indexes		
080-000-000	37	Numerical Index — Division 080 — Tools and Materials — Customer Equipment
080-1 Customer Equipment Tools		
080-110-101	3	Stapler — D
080-110-102	3	Stapler — Heller
080-110-103	1	Stapler — Markwell
080-110-104	1	Stapler — E
080-110-105	1	Stapler — P — AT-8971
080-115-101	1	B Automatic Drill
080-118-101	1	Station Number Card-Numbering Machines — Homs Model 187S
080-123-101	1	B-Hammer
080-127-100	2	B and D Impact Tools AT-8762
080-130-100	1	KS-21749 — Connecting Tool
080-131-100	1	B Station Wire Reel
080-135-100	1	AT-8900 C Drill-Driver Kit
080-136-100	1	B Trenching Tool AT-8911
080-140-100	1	B Cordless Drill Kit — Identification and Application
080-7 Customer Equipment Materials		
080-710-101	1	Corrosion and Moisture Inhibitors for Station Apparatus — Description and Use
080-720-106	1	Inside Wiring Nail
080-720-107	1	B Station Wire Nail
080-720-108	1	Ground Wire Nail and Ground Wire Staple
080-720-109	3	Staples
080-720-110	2	B, C, and D Masonry Fasteners
080-720-111	1	B and C Plastic Anchors
080-720-112	1	B, C, and D Drive Anchors
080-720-113	1	D Plastic Anchor
080-720-114	1	Machine Bolt Anchors
080-720-115	2	B Wall Screw Anchors
080-720-116	1	Toggle Bolts
080-720-117	1	Toggle Bridle Rings
080-720-118	1	B Steel Anchor AT-8899
080-720-119	1	B Masonry Clip — AT-8938
080-720-120	1	B Siding Clip — AT-8939
080-720-130	1	B and C Drop Wire Clamps
080-720-131	1	Drop Wire Hook
080-720-132	2	S and T Knobs
080-720-133	1	Angle Screws
080-720-134	1	House Bracket
080-720-135	2	Corner Bracket — Description
080-720-136	1	B, C, and D Insulator Supports
080-720-137	1	Sign Bracket, 170 Type
080-720-138	1	Insulated Screw Eye
080-720-139	3	B, K, and M Bridle Rings — Description
080-720-140	1	C Bridle Ring
080-720-141	2	B Wire Loop
080-720-142	1	Drive Ring
080-720-143	1	C Knob
080-720-144	1	E Drop Wire Clamp
080-720-145	1	SC Wire Clip
080-720-146	1	Inside Wiring Cable Clamps
080-720-147	1	Cable Clasps
080-720-148	2	B Station Wire Clamp and B Wallboard Clamp — Description and Installation
080-720-149	2	B Adhesive Clip
080-720-150	1	B Beam Clip
080-720-151	1	B Hanger Clip
080-720-152	2	B Support Clip

Division 081

Tools and MaterialsOutside Plant

081-000 Indexes
-020 Outside Plant Tools, General
-050 Impact Wrenches
-200 Warning Device
-215 Manhole Guards and Shields
-220 Measuring Devices
-230 Open Wire — Construction Tools
-241 Fiber Optic Tools
-300 Platforms
-310 Tents and Umbrellas
-315 Heaters
-320 Pressers
-330 Heating and Soldering Tools
-340 Lamps and Reflectors
-400 Cable Lashing and Wrapping Tools
-410 Miscellaneous Cable Placing Tools
-420 Miscellaneous Cable Splicing Tools
-500 Hoists and Associated Tools
-510 Manila Rope and Blocks
-511 Plastic Rope
-512 Handlines
-520 Sheaves and Snatch Blocks
-600/625 Cable Pressure System — Tools
-700 Gas Detecting Devices
-705 Foreign Voltage Detecting Devices
-710 Rubber Items
-720 Leather Belts and Straps
-725 Special Use Belts and Straps
-730 Climbers
-735 Pole Steps
-740 Ladders
-745 Axe, Hammers, Drills, and Bits
-750 Sleeve Rollers and Pressers
-760/770 Drop and Black Wire Tools
-850/875 Materials

Number	Issue	Subject
081-000 Indexes		
081-000-000	55	Numerical Index — Division 081 — Tools and Materials — Outside Plant (5-95)
081-020 Outside Plant Tools, General		
081-020-010	4	Safety Headgear — Description, Use, and Care
■ 081-020-010AC	1	Safety Headgear — Description, Use (12-92)
081-020-011	3	Eye Protection
081-020-100	2	Construction Chains — Description and Use
081-020-101	2	Tool Snap — Description and Use
081-020-102	2	Wire and Cable Cutter — Description and Use
081-020-103	1	D Wrench Kit — Description and Use
081-020-105	1	B Projector Tool — Description
081-020-111	2	Hand Sprayer — Description and Use
081-020-112	1	B Tarpaulins — Description and Use
081-020-113	2	D Tarpaulins — Description and Use
081-020-114	1	D Lashing Wire Grip — Description and Use
081-020-115	2	Slack Pullers — Description and Maintenance
081-020-116	1	Pneumatic Lead Cutting and Masonry Drilling Kit — Description and Use
081-020-120	1	Osborne Hand-Carried Radio Unit
081-020-121	1	Johnson Hand-Carried Radio Unit
081-020-130	1	B Canvas Tray — Description and Use
081-020-132	2	B Wire Stripper — Description and Use
081-020-133	1	G Long-Nose Pliers — Description and Use
081-020-134	1	B Ratchet Brace — Description
081-020-135	1	Wire Slitter
081-020-136	1	849A Sealing Washer Cutter — Description, Use, and Maintenance

Number	Issue	Subject
081-020-137	1	D6 and E6 Diagonal Pliers (AT-7858) — Description and Use
081-020-138	1	B Trenching Tool (AT-8911) — Description and Use
081-020-139	1	C Carding Brush (AT-8952) — Description and Use

081-050 Impact Wrenches

081-050-101	3	B and C Impact Wrenches — Description, Care, Maintenance, and General Use

081-200 Warning Devices

081-200-102	2	Warning Flashers
081-200-105	3	B, C, and D Traffic Cones — Description

081-215 Manhole Guards and Shields

081-215-100	4	Manhole Shields — Description and Use

081-220 Measuring Devices

081-220-100	3	Measuring Tapes — Description and Use
081-220-104	1	Height and Distance — Estimating Devices

081-230 Open Wire — Construction Tools

081-230-100	2	B Line Wire Reel — Description and Maintenance

081-241 Fiber Optic Tools

081-241-101	1	B Innerduct/Cable Slitter — Description and Use
081-241-105	1	D Lightguide Cable Feeder — Description
081-241-200	1	976A Taper Length Tool
081-241-201	1	936A Fiber Identifier Instruction Manual
081-241-202	2	938A Optical Loss Test Set
081-241-203	1	941A OTS Instruction Manual
081-241-204	1	945A Test Set (LSIM) Instruction Manual
081-241-205	2	937A OTS Instruction Manual
081-241-207	1	924 SMOLTS (Single-Mode Optical Loss Test Set) Description and Operation
081-241-208	2	944B Local Injector/Detector Manual
081-241-209	1	951A Instruction Manual
081-241-210	1	96A Detector — Description and Operation

081-300 Platforms

081-300-015	1	Aerial Platforms — Description and Use
081-300-100	4	Manhole Platform Support — Description and Use
081-300-111	3	B Pole Platform — Description and Use

081-310 Tents and Umbrellas

081-310-100	3	D Umbrella — Description and Use
081-310-103	2	Manhole Tent
081-310-104	1	Ground Tent — Description and Use
081-310-107	4	Workman's Tent — Description and Use
081-310-116	3	Cabinet Tent — Description and Use
081-310-121	2	Aerial Tents — Description and Use

081-315 Heaters

081-315-101	4	C Manhole Heater — Description and Operation
081-315-102	5	B LP-Gas (Propane) Tent Heaters — Description and Use
081-315-103	1	B Catalytic Heater — Description and Use

081-320 Pressers

081-320-105	5	D Connector Presser — B Presser Case — Description and Maintenance
081-320-107	3	PAIR-A-MATIC* — CS-10 Connector Presser — BT-10 Balance Tester — Description and Maintenance

* PAIR-A-MATIC is a registered trademark of APC Industries, Incorporated

Number	Issue	Subject
081-320-110	1	Modular Splicing System — Description
081-320-111	3	B Tool Holder — Description and Use

081-330 Heating and Soldering Tools

081-330-100	4	KS-14582 L1 and L2 Soldering Coppers and KS-14768 Heat Units — Description and Use
081-330-103	1	B Soldering Copper
081-330-104	3	Pressure Hoses
081-330-105	5	Acetylene Torches
081-330-115	4	D Propane Furnace — Description and Use
081-330-116	4	B, C, D, and E LP-Gas Cylinders
081-330-120	6	Electric Solder Pot
081-330-130	2	B and C Split Sleeve Clamps — Description and Use

081-340 Lamps and Reflectors

081-340-102	1	Work Area Illuminating Devices — Description and Use

081-400 Cable Lashing and Wrapping Tools

Addendum	1	
081-400-100	3	C Cable Wrapper
081-400-101	1	B Support Ring — Description and Use
081-400-106	4	J Cable Lasher — Model 2 — Care and Maintenance
081-400-112	2	C Lasher Guard — Description and Installation
081-400-150	1	B Cable Lasher — Care and Maintenance
081-400-151	1	D Neale Spinner — Care and Maintenance
081-400-152	2	C and H Cable Lashers — Care and Maintenance
081-400-153	1	D Cable Lasher — Care and Maintenance
081-400-154	1	E Cable Lasher — Care and Maintenance

081-410 Miscellaneous Cable Placing Tools

081-410-100	2	Cable Car — Description, Use, and Maintenance
081-410-101	4	B Strand Dynamometer — Description and Maintenance
081-410-102	2	Cable Grips — Description
081-410-103	2	Aerial Cable Guides — Description and Care
081-410-105	2	B Connecting Link
081-410-106	3	B Grounding Roller
081-410-107	1	Cable Leaders — Description and Maintenance
081-410-108	3	Cable Blocks and Associated Equipment — Description and Use
081-410-114	1	B and C Cable Bending Shoe — Description and Use
081-410-115	2	Cable Benders and Slack Puller — Description and Use
081-410-116	5	Cable Feeder, C CONECS Cable Feeder, and D Cable Lubricator, and Lubrication Pump — Description and Use
Addendum	1	
081-410-120	1	B Cable Spiraler
081-410-121	1	Cable Reel Jacks — Description and Use

081-420 Miscellaneous Cable Splicing Tools

081-420-100	4	B Desiccant Injector — Description and Use
081-420-101	2	Drift Plugs — Description and Use
081-420-103	2	B Torque Wrench — Description and Use
081-420-105	3	Coaxial Materials and Tools — Description
081-420-106	1	FAST-PAK* Splice Case Tool Kit — Description and Use

081-500 Hoists and Associated Tools

081-500-101	6	B Chain Hoist — Description and Use
081-500-105	2	E Chain Hoist — Description and Use
081-500-111	5	Strand Pullers — Description and Maintenance

* FAST-PAK is a trademark of Western Progress, Incorporated

Number	Issue	Subject
081-500-123	1	B Pole Top Gin — Description and Use
081-500-125	1	C Fabric Sling — Description

081-510 Manila Rope and Blocks

081-510-101	1	Manila Rope — Description and Use
Addendum	1	
081-510-203	3	Tackle Blocks and Snatch Blocks

081-511 Plastic Rope

081-511-101	2	B Plastic Rope — Description and Use

081-512 Handlines

081-512-100	3	Handlines — Description and Use

081-520 Sheaves and Snatch Blocks

081-520-100	2	C Manhole Sheave — Description and Use
081-520-101	2	Cable Sheaves
081-520-102	3	D Pulling Frames — Description and Use
081-520-105	3	C Quadrant Block — Description and Use
081-520-111	1	B Wire Block
081-520-115	1	Wire Rope Snatch Blocks — Description and Use

081-600/625 Cable Pressure System — Tools

081-600-011	3	Miscellaneous Pressure Testing Tools
081-600-100	3	Pressure Testing Tools — Cable Drills — Description and Use
081-600-103	2	Wrenches — Description and Use
081-600-104	2	B Gas Cylinder Sling — Description and Use
081-601-100	4	B, C, and D Pressure Testing Regulators
Addendum	1	
081-601-101	1	B Gas Regulator — Description and Use
081-601-102	1	C Gas Regulator — Description

Number	Issue	Subject
Addendum	1	
081-602-100	1	Manometers — Description and Use
081-602-101	1	Type FA-176021, W. and T. Manometer — Description and Use
081-602-103	2	C Pressure Gauge
081-603-100	2	B Flow Indicator — Description and Use
081-603-101	1	AT-6723 Airflow Indicator — Description and Use
081-607-100	4	Pressure Testing — Ultrasonic Leak Locating Equipment

081-700 Gas Detecting Devices

081-700-100	6	B Gas Indicator — Description and Use
Addendum	1	
081-700-101	4	C Gas Indicator — Description and Use
081-700-105	4	E Gas Indicator — Description and Use
081-700-106	3	F Gas Indicator
081-700-107	2	G Gas Indicator
081-700-110	1	Bacharach (J. W.) Continuous Gas Monitor — Description and Use
081-700-120	4	B Gas Test Kit — Description and Use
081-700-121	2	B Gas Indicator Case
081-700-122	3	C Gas Test Kit — Description and Use
081-700-130AC	3	Lumidor GasPro Plus Model MPU-16 4 Gas Monitor (9-92)

081-705 Foreign Voltage Detecting Devices

081-705-101	2	B-Voltage Tester — Use on Joint-Use Poles and Other Equipment
081-705-102	4	188A Test Set (Stop Lite) — Description and Use
081-705-103	2	1188A Test Set — Description and Use
081-705-104	2	193A Test Set—Description and Use

Number	Issue	Subject
081-710 Rubber Items		
081-710-100	5	Insulating Rubber Blanket — Description, Maintenance, and Inspection
081-710-105	2	Line Hose — Description and Use
Addendum	1	
081-710-200	7	Leather Protectors, Fabric Liners, and Glove Bag — Description and Use — Insulating Gloves
081-720 Leather Belts and Straps		
081-720-101	4	Body Belts and Safety Straps — Description and Use
081-720-111	3	D and F Holsters — B Handline Carrier — Description
081-725 Special Use Belts and Straps		
081-725-105	1	Tower Ladder Safety Device — Installation and Use
081-725-200	2	Use of Body Belts and Safety Straps on Towers
081-730 Climbers		
081-730-101	5	Description and Use
081-735 Pole Steps		
081-735-600	3	B Pole Steps — Inspection for Cracks
081-740 Ladders		
Addendum	3	
081-740-105	3	Extension Ladders and Attachments — Description and Use
081-741-100	2	Ladders — B and C Combination
081-741-105	1	D and E Stepladders (AT-7544) — Description
081-745 Axe, Hammers, Drills, and Bits		
081-745-102	2	Hammers, Hatchets, and Axes — Description and Use
081-745-105	2	Wood Boring Bits — Description and Use
081-745-111	2	L Masonry Drills and Drill Holders — Description and Use
081-745-113	3	Hand-Operated Masonry Drive Tools — Description and Use
081-745-114	1	B Steel Anchor (AT-8899) — C Drill Driver Kit (AT-8900) — Description and Use
081-750 Sleeve Rollers and Pressers		
081-750-105	4	Tools for Splicing Line Wire — Description and Maintenance
081-750-106	3	Sleeve Pressing Tools — Drop and Block Wire
081-760/770 Drop and Block Wire Tools		
081-760-100	4	C Braid Stripper — Description and Maintenance
081-760-111	2	B Clip Crimper — Description and Use
081-760-115	2	B Binding Post Cutter — Description and Use
081-770-101	2	Tree Pruners (and Handles)
081-780 Sheath and Sleeve Opening Tools		
Addendum	1	
081-780-102	2	Cable Stripper — Description and Use
081-780-105	2	B Lead Sleeve Slitter — Description and Use
081-850/875 Materials		
081-850-001	1	ELASTREL ® Controlled Release Insecticide — Description and Use
081-851-101	1	B Caulking Compound (AT-8832) — Description
081-851-102	1	B Cable Splice Wrap — Description and Use
081-852-118	4	Bond Clamps — Description and Use
081-852-119	1	B Service Wire Clamp — Description and Use
081-852-120	1	B Bond Clip, B Appliance Wire, and B Pressing Pliers — Description and Use
081-852-121	1	FC-14L Plastic Cap

Number	Issue	Subject
081-852-122	1	Cable Pressure Systems — E Pressure Testing Concentrate — E Pressure Testing Solution
081-852-123	5	Encapsulation and Plugging Compounds — Description
081-852-125	2	UG SCOTCHLOK* Connector and C Pressing Pliers
081-852-126	1	G Connector—Description and use
081-852-127	1	Lead Particle Entrapment Compound (LEPEC) — Description
081-852-128	1	B and C Cable Caps — Description
081-852-129	1	B Siding Clip (AT-8939)— Description and Use
Addendum	1	
081-852-130	4	700, 701, and 702 Type Connectors and E, F, and H Connector Pressers
081-852-131	1	J Connector — Description
081-852-133	1	B Aluminum Connector (AT-8984) Description and Use
081-852-134	1	Cable Clamps (AT-6933) — Description and Use
081-852-135	1	H Connector (AT-8980) — Description and Use Company
081-856-101	1	B Disposable Gloves — AT-8982 — Description and Use
081-860-105	2	Transfer Stenciling Kit — Description and Use
081-861-101	1	B Electric Lantern (AT-9003) — Description
081-868-101	1	B Aerosol Wash and C Insulation Spray — Description and Use
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081-872-101	1	B Manhole Wrench — Description

* UG SCOTCHLOK is a registered trademark of Minnesota Mining and Manufacturing

Division 084

Catalogue InformationGauges, Electrical Indicating Instruments, and Meters

084-0 Indexes

084-1 Coded Gauges — Catalogue Information

084-5 Noncoded Gauges — Electrical Indicating Instruments and Meters — Catalogue Information A to H

084-6 Noncoded Gauges — Electrical Indicating Instruments and Meters — Catalogue Information I to R

084-7 Noncoded Gauges — Electrical Indicating Instruments and Meters — Catalogue Information S to U

084-8 Noncoded Gauges — Electrical Indicating Instruments and Meters — Catalogue Information V to Z

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084-103-101	9	62B through 70H — Description
084-105-101	9	73A through 81 — Description
084-107-101	7	82 through 91 — Description
084-109-101	10	92A through 104A — Description
084-111-101	8	106A through 114B — Description
084-113-101	9	115A to 125B — Description
084-115-101	8	126A through 134A — Description
084-117-101	8	No. 135A to 147A — Description
084-120-101	8	148A through 161A — Description
084-122-101	4	162A through 165A — Description
084-125-101	5	168A through 175A — Description
084-127-101	9	176A through 192A — Description
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084-5 Noncoded Gauges — Electrical indicating instruments and meters — Catalogue Information A to H		
084-501-101	9	Ammeters (AC and AC-DC Types) — Description
084-505-101	8	Ammeters (DC-Types) — Description
084-510-101	9	Anemometers, Balances, Blocks, Calipers Counters and Galvanometers — Description
084-540-101	15	Miscellaneous Types — Description
084-540-102	1	Gauges (Miscellaneous Types Continued) — Description
084-545-101	10	Thickness — Description
084-550-101	12	Gauges (Feeler), Holders and Hydrometers, and Battery Accessories — Description
084-6 Noncoded Gauges — Electrical Indicating Instruments and Meters — Catalogue Information I to R		
084-600-101	8	Indicators, Levels, Magnetometers, Meggers and Memory Cards
084-640-101	7	Meters, Microammeters and Micrometers — Description
084-645-101	13	Milliammeters, Millivoltmeters, Multipliers, Ohmmeters, Pyrometers, Resistors, Rules, and Scales — Description
084-680-101	1	Shunts — Description
084-7 Noncoded Gauges — Electrical Indicating Instruments and Meters — Catalogue Information S to U		
084-700-101	16	Squares, Straightedges, Tachometers, Tapes, Targets, and Testers — Description
084-750-101	10	Thermometers and Timers — Description

Number	Issue	Subject
084-755-101	3	Transformers and Tuning Forks — Description

084-8 Noncoded Gauges — Electrical Indicating Instruments and Meters — Catalogue Information V to Z

084-800-101	10	Volt-Ammeters and Volt-Milliammeters, (DC-Type) — Description
084-801-101	2	Miscellaneous Voltmeters — Description
084-805-101	17	Voltmeters (AC-DC and DC-Types) — Description
084-810-101	18	Volt-Ohmmeters, Volt-Ohm- Milliammeters (VOM'S), Digital Multimeters (DMM'S) and Voltohmyst* — Description
084-870-101	3	Watches, Wattmeters and Weights — Description

* Voltohmyst is s registered trademark of VIZ Manufacturing Company

Division 085

Gauges (Common Usage)Maintenance, Selection, and Use

085-000 Index
085-100/199 Gauges — Coded
085-700/799 Gauges — Noncoded

Number	Issue	Subject
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085-000-000	4	Numerical Index — Division 085 — Gauges (Common Usage) Maintenance — Selection and Use
085-100/199 Gauges — Coded		
085-102-701	5	-D Gram Tension Gauges — 62, 68, 70, 79, and 158 Types — Requirements and Adjusting Procedures
085-700/799 Gauges — Noncoded		
085-740-501	1	Dry Battery Gauges No. 35 and No. 36 — Tests and Inspections
085-755-701	2	-D 11-A Tuning Forks — Requirements and Adjusting Procedures

Division 100

Test Equipment Electrical Indicating Instruments and Meters (Common Usage) Maintenance, Selection, and Use

100-0 Indexes and Equipment Test Lists

100-1 Miscellaneous Test Sets

100-2 Pulsing and Signaling Test Sets

100-3 Test Panels

100-5 Electrical Indicating Instruments and Meters

100-6 Electron Tube Test Sets, Tube Test Data, Oscilloscopes and Oscillographs

100-8 Wheatstone Bridges

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100-000-000	88	Numerical Index — Division 100 — Test Equipment, Electrical Indicating Instruments and Meters — (Common Usage) — Maintenance, Selection, and Use
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100-1 Miscellaneous Test Sets		
100-100-102	1	No. 22-B Test Set — Description
100-101-101	7	35-Type Test Sets — Description and Application
100-101-301	3	Use of No. 35-Type Test Set as a Variable Resistance
100-101-401	2	197A Battery Load Test Set — Description and Operation
100-101-801	3	Test Sets No. 35C, 35D and 35F — Piece- Part Data and Replacement Procedures
100-102-101	2	40B and 40C Test Sets — Description and Application
100-105-101	1	No. 73A Test Set — Description
100-115-101	1	151A Test Set — Description, Operation, and Adjustments
100-120-101	12	Handsets (Dial Hand Test Sets) — Description
100-130-101	2	Test Set for Timing Tests — J24753A — Description and Application
100-130-501	2	Test Set for Timing Tests — SD-25707-01 (J24753A) — Description
100-131-100	2	BRUSH* Recorder Mark II
100-131-120	1	Brush Recorder Mark 220
❶ 100-131-130	1	Gating Circuit to Control Brush Oscillographs (Pen Recorder)
100-132-100	2	KS-19690 Pen Recorder — Operating and Maintenance Procedures
100-133-100	1	Esterline Angus 20-Pen Event Recorders
100-134-100	1	VARIAN† Model G-11A Strip-Chart Recorder — Description, Operation, and Application
100-135-101	1	Connector Test Set — SD-31637-01 (J34719A) — Description and Application
100-136-301	3	Magnetic Latching Relay — Timing Test Set J94735A Operation
100-136-701	3	Magnetic Latching Relay — Timing Test Set (J94735A) — Calibration
100-137-101	1	Relay Timing Test Set — SD-90418-01 (J94713A) — Description and Application
100-137-501	3	Relay Timing Test Set — SD-90418 (J94713A) — Tests and Inspections
100-138-101	3	Contact Closure Test Set — J94724A — Description and Application
100-139-101	5	Test Set — SD-95439-01 (J94725A) — For 275-, 276-, 291-, 292-, 301-, 303-, 316-, 320-, and 321-Type Relays — Description and Application
Addendum	1	
100-140-701	2	50 Type Dial Testers — Requirements and Adjusting Procedures
100-141-701	3	51 Type Dial Testers — Requirements and Adjusting Procedures

* BRUSH is a registered trademark of Gould, Inc.

† VARIAN is a registered trademark of Varian Associates, Inc.

Number	Issue	Subject
100-141-801	2	51 Type Dial Testers and Associated No. 16A Bracket — Piece-Part Data and Replacement Procedures
100-143-501	2	Touch-Tone Station Test Receiver (J99297) — SD-98150-01 — Tests
100-143-502	1	Touch-Tone Station Test Receiver (J99297) — SD-98150-01 — Tests and Adjustments Using KS-21715 Precision Oscillator
100-143-701	3	Touch-Tone Station Test Receiver (J99297) — SD-98150-01 — Adjustments
100-150-101	3	1A Fault Locator Test Set J94730A — Description and Application
100-150-301	3	1A Fault Locator Test Set J94730A — Method of Using
100-160-101	3	KS-12054 L1 Test Set for 400-Type Germanium Varistors — Description and Application
100-171-101	1	908A Logic Circuit Test Set — Description and Operation
100-172-101	1	Frequency Counter KS-19247 L1 and L2 — Description and Application
100-173-101	1	KS-22034 Field Test Unit — Storage Module Disk — Description and Operation
100-175-101	5	Remote Office Test Line (ROTL) — System Test Set (H-310-150) — Description and Operation
100-197-101	2	Automatic Call-Thru Test Set SD-32522- 01 (J34728) — Description
100-197-500	2	Automatic Call-Thru Test Set SD-32522- 01 (J34728) — Performance Tests and Adjustments
100-198-101	1	Automatic Call-Thru Test Set ITE 4557-T — Description
100-198-501	1	Automatic Call-Thru Test Set ITE 4557-T — Performance Tests and Adjustments
100-198-502	1	Call-Thru Tests — Using Automatic Test Set ITE 4557-T — No. 1 and 350A Step-by-Step and 355A and 35-E-97 Community Dial Offices and Step-by-Step Type PBX

100-2 Pulsing and Signaling Test Sets

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100-232-501	3	Pulsing Test Set SD-31481-01 (J34717A) — Tests and Inspections
100-233-101	2	Pulse Repeating Test Set — J64722A — Description and Application
100-234-101	2	Pulse Checking Test Set SD-96362-01 (J94723A) — Description and Application
100-260-101	1	3A Pulse Generating Test Set — Description and Operation
100-261-101	1	Per Cent Break Meter — KS-7361 — Description
100-262-101	1	1A Signaling Test Set and Signaling Test Panels J68602CD (2CD) and J68602CE (2CE) — Description
100-263-501	6	2A, 2B, and 2B-1 Signaling Test Sets and Associated Pulse-Repeating Adapter Circuit — J64730 — Tests and Inspections
100-264-101	2	AC Relay and Signaling Test Set — J68602AJ — Description and Application
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100-266-301	3	Analysis of 20-Hertz Ringing Load Current Using J86294A Ringing Demand Meter and J86294B Supplementary Ringing Demand Meter Equipment — Operating Methods
100-267-101	2	4A Signaling Test Set — Description and Operation
❶ 100-268-101	1	Signal Converter Test Set KS-21057 — Description
❶ 100-268-501	1	Signal Converter Test Set KS-21057 — Tests
100-269-101	4	1A Pulsing Analyzer — Description and Operation

Number	Issue	Subject
100-3 Test Panels		
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100-341-101	2	116A1 Relay Test Panel for Polar Relays — Description and Application
100-342-101	1	111A2 Relay Test Panel for Polar Relays — Description and Application
100-343-101	1	116B1 and 116C1 Relay Test Panels for Polar Relays — Description and Application
100-350-101	2	Testing and Adjusting Panel (J68602W) for 20 and 135 Cycle Ringers — Description and Application
100-351-101	3	No. 523-A Test Panel for Terminal and Intermediate Ringers — Description and Application
100-352-101	3	No. 546-A Test Panel for Terminal and Intermediate Ringers — Description
100-353-101	1	Testing and Adjusting Circuit Per SD-61041- 02 for 1000-Cycle, Two-Tube Ringers — Description
100-354-101	1	Testing and Adjusting Circuit Per SD-61389- 01 for 1000-Cycle, Two-Tube Ringers — Description
100-355-101	1	Types "A" and "B" Composite Ringer — Test Panel — Description and Application
100-356-101	1	20 Cycle, 135 Cycle and 1000 Cycle Line Signaling Equipment — Test Panel (Test Circuit SD-61085-01) — Description
100-360-301	1	Toll Test Panel Per J61547W — Emergency Toll Offices — Description and Application
100-5 Electrical Indicating Instruments and Meters		
100-501-701	2	KS-14399 Contact-Making Ampere-Minute Meters — Requirements and Adjusting Procedures
100-501-801	1	KS-14399 Contact-Making Ampere-Minute Meter — Piece-Part Data and Replacement Procedures
100-505-101	1	KS-5098 Contact-Making Ampere-Hour Meters — Description
100-505-701	2	Contact-Making Ampere-Hour Meters — KS-5098 and KS-5098-01 — Requirements and Adjusting Procedures
100-505-801	1	Contact-Making Ampere-Hour Meters — Piece-Part Data and Replacement Procedures
100-508-701	2	DC Watt-Hour Meters KS-15530 and Other Mercury Types — Requirements and Adjusting Procedures
100-510-701	4	Electrical Indicating Instruments — Requirements and Adjusting Procedures
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100-513-101	1	M9B Meter (Portable Volt-Ohm-Milliammeter) — Description and Application
100-515-101	3	Secondary Standards for Checking DC Meters — Description and Application
● 100-517-100	1	Enhanced Ground Current Monitor — Technical Reference and Operation Instructions (2-95)
Addendum	1	
100-520-101	6	KS-14510 Meter (Portable Volt-Ohm- Milliammeter) — Description and Application
100-520-102	1	KS-20599, L4, Digital Multimeter — Description and Application
100-521-101	1	KS-20538 Meter (Portable Volt-Ohm- Milliammeter) Description and Application
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100-526-101	3	Vacuum Tube Voltmeter — Hewlett-Packard Model 400D/H/L and H02-400D — Description
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Number	Issue	Subject
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100-629-101	1	KS-15840, List 1 Micromhos Meter Calibrator — Description and Application
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100-630-101	2	Electron (Vacuum) Tube Test Set — KS- 5727 Hickok Tube Tester — Description and Application
100-630-501	3	WESTERN ELECTRIC® Electron (Vacuum) Tube Test Data — KS-5727 L1 Hickok Tube Tester
100-630-502	5	Non-WESTERN ELECTRIC Electron (Vacuum) Tube Test Data — KS-5727 L1 Tube Tester
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100-633-101	1	Vacuum Tube Test Set — Hickok Model 531 (KS-13588 L1) and Modified 530B (KS-13725 L1) Tube Tester — Description and Application
100-633-501	2	Non-WESTERN ELECTRIC Electron (Vacuum) Tube Test Data — Hickok Model 531 (KS-13588 L1) and Modified 530B (KS- 13725 L1) Tube Testers
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100-634-101	2	Electron (Vacuum) Tube Test Set — KS- 15559 Hickok Tube Tester — Description and Application
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100-634-502	5	Non-WESTERN ELECTRIC Electron Tube Test Data — KS-15559 L1 Tube Tester
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100-635-101	3	Electron (Vacuum) Tube Test Set — KS- 15560, L1 and L2 Hickok Tube Testers — Description and Application
100-635-501	3	WESTERN ELECTRIC Tube Test Data — KS- 15560, L1 and L2 Tube Testers
100-635-502	5	Non-WESTERN ELECTRIC Electron Tube Test Data — KS-15560 L1 and L2 Tube Testers
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100-636-101	3	Electron Tube Test Set — KS-15750, L1 Tube Tester — Description and Operation
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100-637-101	1	Electron Tube Test Set, Cardmatic Tube Tester — Model KS-15874-L1 and Model KS-15874-L2 With Serial Numbers Up to and Including 899 — Description and Operation
Addendum	1	
100-637-102	1	Electron Tube Test Set — Model KS-15874-L2, Cardmatic Tube Tester With Serial Numbers Above 900 — Description and Operation
100-640-101	3	Vacuum Tube Test Set — Hickok Model 530B Tube Tester — Description and Application
100-640-501	1	Non-WESTERN ELECTRIC Electron (Vacuum) Tube Test Data — Hickok Model 530B (KS-8235) Tube Testers
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100-654-100	1	J68650A (50A) List 1 Oscilloscope — (Modified RCA Type WO-79A or WO-79B) — Description
100-655-100	1	Type 453 TEKTRONIX* Oscilloscope — Description

* TEKTRONIX is a registered trademark of Techtronix, Inc.

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100-656-100	1	Type 535 TEKTRONIX Oscilloscope — Description
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100-8 Wheatstone Bridges

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100-810-712	2	Wheatstone Bridge Per KS-3011 — Used With Toll Testboards No. 4, No. 5 and No. 16 — Requirements and Adjusting Procedures
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100-812-711	1	Wheatstone Bridge Per KS-5588 — Toll Systems — Requirements and Adjusting Procedures
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100-825-101	1	1A Capacity Bridge — Description

Division 102

Test Equipment, Electrical Indicating Instruments and Meters(Switching Systems and Power) Maintenance, Selection, and Use

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102-5 Electrical Indicating Instruments and Meters

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102-172-101	1	Subscriber Line Rapid Insulation Test Set — H-297-421 (ST-627579) — Description
102-172-501	3	Subscriber Line Rapid Insulation Test — Using Electronic Type Test Set H-297- 421, (ST-627579) With Sleeve Supervision — Nos. 1, 1C, 1D, 11, Manual, Panel and Step-By-Step Offices
102-175-301	3	Automatic Cable Pressure Detector Circuit — Operating Methods
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■102-200-101AC	2	700 and 800 Test Sets
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Division 103

Transmission Test Equipment

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103-3 Oscillators, Signal Generators, Milliwatt Reference

103-4 Carrier-Frequency Transmission Measuring Sets, Lightwave and High Capacity Systems and Associated Equipment, Lightwave Test Sets

103-5 Carrier-Frequency Noise Measuring Sets

103-6 Crosstalk and Noise Measuring Sets and Associated Equipment

103-7 Video Test Sets and Associated Equipment

103-8 Telegraph and Teletypewriter Testing Apparatus and Tools

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103-000-000	18	Numerical Index — Division 103 — Transmission Test Equipment
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103-001-011	14	Transmission Test Equipment
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103-102 Impedance Bridges		
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103-103-500	1	3A — Operation
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103-104-101	1	4097B — Description
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58-Type Echo Suppressors Measuring System J68658		
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Singing Point Test Sets		
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Return Loss Measuring Sets		
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103-106-115	3	KS-20501 — Description and Operation

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103-110 Pulse Type Measuring Set		
103-110-100	1	Data Pulse Measuring Set — Description
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A 103-115-105	1	26A Wideband (J94026A) — Description, Operation, and Maintenance
103-117 Telemetry Test Equipment		
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103-231-510	3	Appearances at Voice-Frequency Patching Bays and Packaged N-Carrier Terminals — Data, Air-Ground, and Voice-Circuit Testboards for Private Service Systems and at Similar Locations — Tests and Adjustments
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103-240 Control Unit for Loop Around Test Lines		
103-240-500	5	J99329A Control Unit (60A) — Tests and Adjustments
103-245 DATS (Digital Access Timeslot Selector)		
103-245-100	3	J1C140A — Description
103-245-500	2	J1C140A-1 — Maintenance Information
103-250 J94051 ATMS (Automatic Transmission Measuring System)		
103-250-100	2	General Description
103-250-101	5	105-Type Test Lines and Remote Office Test Line (ROTL) Access Circuits — Description
103-250-110	1	51E Director — Used in No. 1 4-Wire ESS™ AUTOVON Offices — Description
103-250-301	2	Director — Trouble Location
103-250-302	1	Responder — Trouble Location
103-250-501	4	Director Alignment
103-250-502	4	Responder Alignment Using CP101RT 1 Per ED-99959-30

Number	Issue	Subject
103-250-503	2	Responder Alignment Using CP101RT Per ED-1C334-31
103-250-504	1	Remote-Office Responder Testing Procedure Using CP101RT per ED-1C334-31
Addendum	1	
103-250-702	7	105-Type Transmission Test Line Circuits — Build-Out Resistor Assembly Adjustment
103-250-710	1	51E Director — Used in No. 1 4-Wire ESS™ AUTOVON Offices — Build-Out Resistor Assembly Adjustment

103-251 CAROT (Centralized Automatic Reporting on Trunks)

103-251-105	1	Processor Controlled Interrogator — Description
103-251-110	1	J94054 Manually Controlled Interrogator — Description, Operation, and Use
103-251-111	1	54-Type Manually Controlled Interrogator — Adjustment of Loss in Transmission Paths
Addendum	1	
103-251-112	4	92A Control Unit — Description and Operation
103-251-113	1	92A Control Unit/Remote Outgoing Trunk (ROGT) Unit — KS-22321, L1 Console — Installation Procedures
103-251-114	1	92A Control Unit — Summarizing Specifications — Common Systems

103-252 52-Type ATMS (Automatic Transmission Measuring System)

Addendum	1	
103-252-100	3	J94052A (52A) Responder — Common Systems — Description and Operation
103-252-101	1	J94052B (52B) Responder Access Panel — Description and Operation
103-252-102	4	J94052C (52C) Responder Alignment Unit — Description and Operation
103-252-103	3	J94052D (52D) Responder — Description and Operation
103-252-104	4	J94056A Mini-Responder — Description, Installation, Operation, and Maintenance
103-252-105	1	J94056B Miniresponder — Advanced Mobile Phone Service (AMPS) — Description, Installation, Operation, and Maintenance
103-252-106	1	FE117 Miniresponder — Remote Switching System (RSS) — Description, Installation, Operation, and Maintenance
103-252-500	3	J94052-Type (52A and 52D) Responder — Common Systems — Maintenance and Testing

103-260 CTMS/TFMS (Carrier Transmission Maintenance System/Trunk and Facilities Maintenance System)

■	103-260-000AC	1	Quick Reference Guide (Binder with tabs and text.)
❑	Addendum AC	1	
■	103-260-001AC	1	Hardware and Maintenance Manual (Binder with tabs and text.)
❑	Addendum AC	1	
■	103-260-002AC	1	Operations Manual (Binder with tabs and text.)
❑	Addendum AC	1	
■	103-260-003AC	1	System Description and Data Base Operations (Binder with tabs and text.)
	103-260-100	7	Description
	Addendum	7	
	103-260-101	1	Equipment Description
	103-260-300	7	Operating System Detailed Description and Operating Procedures
	103-260-301	8	Data Base Management
	103-260-305	7	Application Programs
	103-260-306	3	Trunk Maintenance Application Programs
	103-260-500	5	Maintenance

103-261 J1P012A OTTS (Outgoing Trunk Testing System)

103-261-100	2	No. 4A or 4M Crossbar Switching System — Description and Operation

Number	Issue	Subject
103-261-101	1	OTTS/ROTL — Description and Operation
103-261-500	2	No. 4A Toll Switching Systems — SD- 1P062-01, SD-1P063-01 — Tests
103-261-501	2	
103-261-501	2	Build-Out Pad — Adjustment
103-261-502	1	OTTS/ROTL — Maintenance

103-262 J1P029B and J1P029C CAS (Carrier Alarm Scanner)

103-262-100	1	Description

103-3 Oscillators, Signal Generators, Milliwatt Reference Generators, and Distributing Systems

103-300 200- and 650A-Type Oscillators (Hewlett-Packard)

103-300-100	1	Model 200CD — Instruction Manual
103-300-105	1	Model 200H — Description
103-300-106	1	650A — Description, Operation, and Maintenance

103-302 KS-19260 and KS-19353 Oscillators

103-302-100	2	KS-19260, L6, L7 — Description and Operation
103-302-105	1	KS-19353, L1 (50 Cycles to 560 Kilo- Cycles) — Description and Operation
103-302-106	2	KS-19353, L5 — Description and Operation
103-302-300	1	KS-19260 — Maintenance Considerations

103-305 17A and 17B Oscillators (Range: 500 Cycles to 150 Kilocycles)

103-305-100	2	Description
103-305-700	1	Requirements and Adjusting Procedures

103-310 J64051A (51A) Oscillator (Range: 2 to 79 Kilocycles)

103-310-100	1	Description
103-310-101	1	Calibration of — 1 KC, 0 KC Control

Number	Issue	Subject

103-311 J64052A (52A) Oscillator (64, 100, 556, 1056, and 2064 Kilocycles)

103-311-100	3	Description

103-312 J64053A (53A) Mobile Oscillator (Range: 50 to 3,600 Kilocycles)

103-312-100	3	53A with 25B Oscillator — Description
103-312-101	1	53A with 25A Oscillator — Description

103-313 J64056A (56A) Oscillator (Range: 50 to 10,000 Kilocycles)

103-313-100	3	Description

103-314 J64057A (57A) Oscillator (308, 556, 2064, 3096, 7266, and 8320 Kilocycles)

103-314-100	2	Description

103-318 J64061B (61B) and J64061C (61C) Signal Generators (Range: 60 Cycles to 10 Megacycles)

Addendum	2	
103-318-100	3	Description
103-318-500	3	Tests and Maintenance Adjustments

103-319 J64061B (61B) Signal Generator

103-319-300	1	Periodic Tests and Test Intervals
103-319-501	2	Tests and Maintenance Adjustments
103-319-502	1	Regulated Power Supply Tests and Adjustments
103-319-503	2	Video Signal Generator — Tests and Adjustments
103-319-504	2	Sine Wave Generator — Tests and Adjustments
103-319-505	1	Level Monitor — Tests and Adjustments
103-319-506	1	Electron Tube Tests
103-319-507	1	Trouble Investigation — Voltage and Wave — Form Measurements

Number	Issue	Subject
103-320 J64061C (61C) Signal Generator		
103-320-300	1	Periodic Tests and Test Intervals
103-320-501	2	Tests and Maintenance Adjustments
103-320-502	1	Regulated Power Supply — Tests and Adjustments
103-320-503	2	Video Signal Generator — Tests and Adjustments
Addendum	2	
103-320-504	2	Sine Wave Generator and Monoburst Adapter — Tests and Adjustments
103-320-505	1	Level Monitor — Tests and Adjustments
103-320-506	1	Electron Tube Tests
103-320-507	1	Trouble Investigation — Voltage and Wave-Form Measurements
103-321 H01-653A (653A) HEWLETT PACKARD* Oscillator		
103-321-000	1	Description and Operation
103-325 J94071A (71A) Milliwatt Reference Generator (1,000 Cycles)		
103-325-100	2	Description
103-325-500	3	Output Adjustment at Maintenance Outlet Jack
103-326 J94071B (71B) Milliwatt Reference Generator		
103-326-100	2	Description
103-327 J94071 Milliwatt Reference Generator		
103-327-100	6	71C and 71F Milliwatt Reference Generators; 71G Precision Tone Generator; 71D, 71E, and 71H Distributing Network Panels; and 71J Access Panel — Description
103-327-180	2	71C, 71F, and 71G Milliwatt Reference Generators; 71D, 71E, and 71H Distributing Network Panels; and 71J Access Panel — Engineering Application
103-327-300	1	Milliwatt Record Book — General Description and Maintenance Procedures
103-327-500	5	71C and 71F Milliwatt Reference Generators — 71G Precision Tone Generator — Output Test and Calibration
103-335 Milliwatt Distributing Systems and Test Lines		
103-335-300	3	Initial Test Requirements and Periodic Tests
103-335-500	5	General Information
103-335-501	4	Adjustment of Distributing Resistors to Compensate for Office Wiring Loss in 600-ohm Jack-Ended Outlets and Transmission Test Lines
103-335-502	4	Adjustment of Distributing Resistors to Compensate for Office Wiring Loss in 900-ohm Jack-Ended Outlets and Transmission Test Lines
103-335-503	5	Check of Idle Circuit Terminations
103-335-504	5	No. 1 Crossbar — Check of Milliwatt Test Lines Reached by 4- or 7-Digit Numbers
103-335-505	6	No. 5 Crossbar — Check of Transmission Test Lines Reached by 4- or 7-Digit Numbers
103-335-506	5	Step-by-Step — Check of Transmission Test Lines Reached by 4- or 7-Digit Numbers
103-335-507	5	No. 5 Crossbar — Check of Transmission Test Lines Reached by 3-Digit Codes
103-335-508	5	Crossbar Tandem or Step-by-Step Intertoll or Tandem Check of Transmission Test Lines Reached by 3-Digit Codes
103-335-509	4	No. 4-Type Crossbar — Check of Transmission Test Lines Reached by 3-Digit Codes
103-335-510	5	Manual Switchboards — Check of Milliwatt Outlets
103-335-512	5	Check of Jack-Ended Outlets

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Number	Issue	Subject
103-335-513	4	Adjustment of KS-16744, List 1 Distributing Networks to Compensate for Office Wiring Loss in 600- and 900-Ohm Jack- Ended Outlets and Transmission Test Lines
103-335-514	3	4-Wire No. 5 Crossbar Offices — Check of Transmission Test Lines
103-335-515	4	2-Wire and HILO 4-Wire No. 1 ESS Offices — Alignment and Check of Transmission Test Lines
103-335-516	2	4-Wire No. 1 ESS Offices — Check of Transmission Test Lines
103-335-517	2	Automatic Intercept System — Check of Transmission Test Lines
103-335-518	3	2-Wire No. 2 ESS Offices — Check of Transmission Test Lines

103-336 Wideband Test Termination

	103-336-501	1	100-Type for Picturephone — Check and Adjustment of 1000-Hz Output and Verification of Operating Features
	103-336-502	1	102-Type for Picturephone Check and Adjustment of 1000-Hz Output and Verification of Operating Features
A	103-336-503	1	Wideband Remote Switch Terminating Test Line — Check and Adjustment of 1000- Hz — Output and Verification of Operating Procedures

103-337 Common Systems — Test Termination Circuit, SD-96540-01

103-337-100	3	Description, Operation and Maintenance

103-341 J94002A (2A) and J94002C (2C) Sending Panels

Addendum	3	
103-341-100	2	Description
103-341-500	3	2A — Adjustment of Temperature Compensation for the KS-5472-01 Machine
103-341-501	3	2A — Chart 2: Setting the Output Adjusting Circuit

103-343 J94024 (24B and 24C) Loop Checker Generators

103-343-101	3	Description
103-343-501	3	Tests
103-343-701	3	Adjusting Procedures

103-344 J94024C (24C) Loop Checker Generator

103-344-501	3	Tests
103-344-701	3	Adjusting Procedures

103-345 201A and 201B Noise Generator (20 to 20,000 Cycles)

103-345-100	2	Description, Operation and Maintenance

103-350 Wideband Oscillator

103-350-100	1	Hewlett-Packard Model 209A Modified for Picturephone Use — Description, Operation and Maintenance

103-4 Carrier-Frequency Transmission Measuring Sets, Lightwave and High Capacity Systems and Associated Equipment, Lightwave Test Sets

103-400 Carrier-Frequency Voltmeters (Sierra Electronic Corporation)

103-400-101	1	KS-15538, List 1 (Range: 20 to 600 Kilocycles) — Description
103-400-102	1	KS-15538, List 2 (Range: 20 to 500 Kilocycles) — Description
103-400-103	1	KS-15538, List 3 (Range: 30 to 500 Kilocycles) — Description
Addendum	1	
103-400-104	1	KS-15538, List 4 (Range: 3 to 620 Kilocycles) — Description
Addendum	1	
103-400-105	1	KS-15538, List 5 (Range: 2 to 350 Kilocycles) — Description
103-400-106	1	KS-15538, L5A Frequency Selective Voltmeter (Range: 2 to 350 Kilocycles) — Description

Number	Issue	Subject
103-400-107	1	KS-15538, L6 Frequency Selective Voltmeter (Range: 2 to 350 kHz) — Description and Operation — (Dranetz Engineering Laboratories)

103-401 Wandel & Goltermann* Transmission Test Set (10 kHz to 36 MHz)

Addendum	1	
103-401-100	2	Description
103-401-300	2	Operation

103-402 Portable Oscillator and Selective Analyzer 10 KC to 17 MC (Siemens-Halske)

103-402-100	1	Description
103-402-300	2	Operating Methods

103-403 Sierra Portable Signal Generator (Model 351A) and Frequency Selective Voltmeter (Model 128A) 10 kHz to 15 MHz

103-403-100	1	Description
103-403-300	2	Operation

103-404 Sierra Model 3054A (1 kHz to 33.5 MHz)

103-404-000	1	Description and Operation

103-405 J68827A (27A) Sending and J68827B (27B) Receiving Consoles (Range: 50 to 10,000 Kilocycles)

103-405-100	4	Description
103-405-300	2	Operation

103-406 Wandel-Goltermann Level Generator AT462 and Selective Level Meter AT463

103-406-000	3	6 kHz to 18.6 MHz — Description and Operation

103-407 J68858AT (58AT) Pilot Filter Set

Addendum	3	
103-407-101	4	Description

103-408 J64030A (30A) Transmission Measuring Set (Range: Up to 150 Kilocycles)

Addendum	4	
103-408-100	2	Description

103-409 J64031A (31A) and J64031B (31B) Transmission Measuring Sets (Range: 1 to 150 Kilocycles)

103-409-100	2	Description

103-410 J64032A (32A) Transmission Measuring Set (Range: 150 Cycles to 150 Kilocycles)

103-410-100	2	Description

103-411 J64033A (33A) Transmission Measuring Set (Range: 60 to 3,400 Kilocycles)

103-411-100	4	Description

103-412 J64034A (34A) Transmission Measuring Set (Range: 35 Cycles to 3.5 Megacycles)

103-412-000	1	Description, Operation, and Maintenance

103-413 J64035A (35A) Transmission Measuring Set (Range: 30 Cycles to 10 Megacycles)

103-413-100	1	Description

103-414 J64037A (37A) and J64037B (37B) Transmission Measuring Sets (Range: 50 to 11,000 Kilocycles) and J64001AM Power Supply

103-414-100	2	Description

103-415 J64038A (38A) Transmission Measuring Set (Range: 100 Cycles to 10 Megacycles)

103-415-100	2	Description
103-415-300	1	Periodic Tests and Test Intervals
103-415-500	1	Tests and Adjustments
103-415-501	1	Regulated Power Supply Tests
103-415-502	1	Frequency Check of 308 KC Oscillator
103-415-503	1	Calibration Control Check
103-415-504	2	Check of 0.5 DB Scale
103-415-505	1	Protection Pad Check

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Number	Issue	Subject
103-415-506	1	Check of Amplifier Peaking Circuit
103-415-507	1	Automatic Gain Control Circuit Test
103-415-508	1	Check of Balance Adjustments
103-415-509	1	Check of 308 KC Rejection Circuits
103-415-510	1	Frequency Synchronization Check
103-415-511	1	Check of 75-Ohm Frequency Characteristic
103-415-512	1	Check of 124-Ohm Frequency Characteristic
103-415-513	1	Electron Tube Tests
103-415-514	1	Trouble Investigation

103-416 Siemens Portable 100-MHz Transmission Measuring Set (100 kHz to 100 MHz)

103-416-000	1	Description and Operation
103-416-100	1	Selective Level Meter D2073B — Description and Operation

103-417 Siemens Transmission Measuring Sets

103-417-000	1	Siemens Model K1023 (10 kHz to 25 MHz) — Description and Operation
103-417-100	1	Siemens Model K1073 (100 kHz to 100 MHz) — Description and Operation

103-418 Wandel-Goltermann Selective Level Meter AT-278

103-418-000	1	Description and Operation

103-419 Wandel-Goltermann Transmission Measuring Systems — PSM-7

103-419-000	1	Description, Operation, and Maintenance

103-420 Siemens Model 2006 (10 kHz to 17 MHz)

103-420-000	1	Description and Operation

Number	Issue	Subject

103-421 J64044A (44A) Transmission Measuring System (Range: 50 to 3,500 Kilocycles)

103-421-100	1	Description

103-422 Wandel-Goltermann Milliwatt Test Set EPM-1

103-422-000	1	Description, Operation, and Maintenance

103-423 Hewlett-Packard Selective Level Measuring Set 3745B

103-423-102	1	Description and Operation

103-424 J64049A (49A) L-Multiplex Measuring System

Addendum	1	
103-424-100	2	Description
Addendum	2	
103-424-300	1	Operation and Maintenance

103-425 J64072A (72A) Frequency Meter (Range: 100 to 4,000 Cycles and 10 Cycles to 40 Kilocycles)

103-425-100	2	Description

103-427 J64001R (1R) and J64001AC (1AC) Tube Test Set

103-427-100	2	Description

103-428 J64001AR (1AR) Patch Cord Test Set

Addendum	2	
103-428-100	1	Description
103-428-101	1	General Information — Continuity and Short Tests
Addendum	1	
103-428-102	1	Coaxial Patch Cords or Plugs — Continuity Tests
103-428-103	1	Two Conductor Cords With 379A Plugs — Continuity Tests
103-428-104	1	Two Conductor Cords With KS-14323 Plugs — Continuity Tests
103-428-105	2	Short Tests

103-429 J94002AA (2AA) Milliwatt Reference Set

103-429-100	3	Description

Number	Issue	Subject
103-430 J94070A (70A) Spectrum Generator (Range: 12 to 264 Kilocycles)		
103-430-100	2	Description
103-431 KS-15872, List 1 Spectrum Analyzer (Range: 5 to 300 Kilocycles)		
103-431-100	1	Description
103-431-300	1	Operation
103-432 J64090 (90-Type) Carrier Frequency Test Equipment		
103-432-100	2	Description
103-432-101	2	90A Oscillator — Description, Operation, and Maintenance
103-432-102	2	90B Selective Detector — Description, Operation, and Maintenance
103-432-103	2	90C Console — Description
103-432-104	3	90D Level Control — Description, Operation, and Maintenance
103-432-105	2	90E Transmission Measuring Set — Description
103-432-106	2	90F Digital Control Unit — Description, Operation, and Maintenance
103-432-107	2	90G Oscillator — Description, Operation, and Maintenance
103-432-108	2	90H Selective Detector — Description, Operation, and Maintenance
103-432-109	1	90J Fixed Frequency Selector — Description, Operation, and Maintenance
103-432-120	2	91DP and 91GP — Description, Operation, and Maintenance
103-432-121	2	J68958A Control Unit — Description, Operation, and Maintenance
103-432-300	2	General
103-432-800	2	Service and Return Procedures
103-433 J64074A (74A) Wideband Power Meter		
[A] 103-433-000	3	Description, Operation, and Maintenance

Number	Issue	Subject
103-434 J64092A CTMS (Carrier Transmission Maintenance System)		
J64092B Programming Console		
103-434-110	1	Description
103-434-310	2	Operation
103-434-510	1	Maintenance
103-435/441 L1 Carrier Test Sets		
2A Pilot Indicator		
103-435-100	3	Description
Switching Section Phase Comparison Set		
103-436-100	1	Description
J68825A (25A) Repeater Activity Test Set		
103-437-100	2	Description
97A Test Set		
103-438-100	3	Description
6077A Test Set		
103-439-100	1	Description
J68831A (31A) Visual Transmission Measuring Set		
103-440-100	1	General Considerations
103-440-101	1	Description
103-440-501	1	Calibration and Operation
103-440-502	1	Maintenance
103-440-503	1	Trouble Location
D178980 Transmission Measuring Set		
Addendum	1	
103-441-100	3	Description
103-442 LMX-2 Carrier Terminal Test Fixtures		
103-442-100	1	Miscellaneous Test Fixtures
103-442-101	2	Range Alignment Termination
103-442-102	1	ED-51318-30 Portable 231-Type Amplifier — Description
103-449/455 L3 Carrier System Test Sets		
J64007A (7A) Pilot Indicator		
103-450-100	3	Description

Number	Issue	Subject
J64001AL (1AL) Power Test Set		
103-451-100	2	Description
J68839A (39A) and J68839B (39B) Thermistor Control Sets		
103-452-100	3	Description
J68837A (37A) and J68837C (37C) Cosine Equalizer Adjustment Sets		
103-453-100	3	General Considerations
103-453-101	3	Description
103-453-500	3	Calibration and Operation
Addendum	3	
103-453-501	3	Maintenance
J68837B (37B) Cosine Equalizer Adjustment Set — Portable Receiver		
103-454-000	3	37B and 37D — Description and Operation
ED-51064-30 Pilot Hit Detector (L4 Carrier)		
103-455-000	1	Description, Operation, and Maintenance
103-456 J68898A (98A) Pilot Frequency Measuring Set, Lists 1 and 2 (L4 Carrier)		
103-456-000	2	Description, Operation, and Maintenance
103-457 J68899A Main Station Repeater Test Set (L4 Carrier)		
Addendum	2	
103-457-000	2	Description, Operation, and Maintenance
103-458 Repeater Test and Maintenance Stand (L4 Carrier)		
103-458-000	2	J68906A Equalizing Repeater — Test and Maintenance Stand — Description, Operation, and Maintenance
103-458-100	1	J68906B Line Repeater Test Set — Description, Operation, and Maintenance
103-460 Line Equipment Test Stand J68923A and Warm-Up Rack ED-51487 (L5 Carrier)		
103-460-000	2	Description, Operation and Maintenance
103-467/485 N, O, and ON Carrier System Test Equipment and Test Sets		
J98705M (5M) Channel Unit Test Stand		
103-467-100	2	Description
Carrier Failure Indicator		
103-468-100	1	Description
KS-21697 HIN Test Set		
103-469-100	1	Description, Operation, and Maintenance
J94002N (2N) Group Unit Switching Set		
103-471-100	3	Description
J94002M (2M) Switching Set for N1 and ON Repeaters and N2 Repeaters With N2/N1 Adapters		
103-472-100	4	Description and Maintenance
J98703BD (3BD) Switching Set for N1A Repeaters and N2 Repeaters in N2/N1A Adapters		
103-473-100	2	Description and Maintenance
J94002J (2J) Repeater Test Set		
103-474-100	2	Description
J94002K (2K) Tube Test Set		
103-475-100	3	Description, Operation and Maintenance
J94002P (2P) Tube Test Set		
103-476-100	2	Description
J98703AF (3AF) Deviation Regulator Test Set		
103-477-100	1	Description
N Line Test Sets — Description and Operation		
Addendum	1	
103-478-100	2	KS-19750 Deviation Test Set
103-478-101	1	Sierra Model 322A Carrier Generator

Number	Issue	Subject
N2 Switching Sets		
103-480-100	2	J99272U — Description
103-480-101	1	J99321S — Description
Addendum	1	
103-480-500	3	J99272U — Maintenance
Addendum	3	
103-480-501	3	J99321S — Maintenance
N2 Terminal Test Stands		
Addendum	3	
103-481-100	2	J99272W — Description
103-481-101	1	J99272AH — Description
103-481-500	2	J99272W — Maintenance
103-481-501	1	J99272AH — Maintenance
N3 Switching Set		
103-483-100	1	Description
103-483-501	1	Maintenance
N3 Terminal Test Stand		
103-484-100	1	Description
103-484-501	1	Maintenance

103-486/487 T3, T4M, and FT3 Systems — Test Equipment

Transmission Facilities and Lightwave Test Sets — Digital Transmission Systems		
103-486-100	1	J98721F Regenerator Test Set — Description, Operation, and Maintenance
103-486-101	1	J98721E (21E) Fault Locating Test Set — Description, Operation, and Maintenance
103-486-102	2	J98721H (21H) Portable Violation Monitoring Test Set — Description, Operation, and Maintenance
103-486-103	1	J98721G Transmission Test Set — Description, Operation, and Maintenance
103-486-104	1	J98721J Portable Signal Generator — Description, Operation, and Maintenance
103-486-105	1	Nickel-Cadmium Battery Charger KS- 21797, L1 — Description, Operation, and Maintenance
103-486-111	2	FT3 Line Test Set (KS-22264, L1) — FT3 Lightwave — Description, Operation, and Maintenance
103-486-112	2	FT3C Test Unit KS-22670, List ( ) — FT3C Lightwave — Description, Operation, and Maintenance
103-486-113	2	FT3C Portable Violation Monitor (KS- 22671, L1) — FT3C Lightwave — Description, Operation, and Maintenance
103-486-114	2	190A Optical Loss Test Set — Description, Operation, and Maintenance
103-486-115	2	Multimode Optical Loss Test Set (KS-22820) — Description, Operation, and Maintenance
103-486-119	1	FTX-180/FT3C Test Unit KS-23128, List ( ) — FT3C/FTX-180 Lightwave — Description, Operation, and Maintenance
103-486-120	2	FTX-180/FT3C Portable Violation Monitor (KS-23129, L3) — FT3C/FTX-180 Lightwave — Description, Operation, and Maintenance
Multiplex Facilities		
103-487-101	1	DS3 Error Rate Test Set (KS-21366, L2 and KS-21424, L2) — Description and Operation

103-488 Signal Monitor Test Sets

103-488-100	1	1A-RDS — Description, Operation, and Maintenance
103-488-105	1	J68435AH Digital — Description, Operation, and Maintenance

103-490 T1 Carrier — Test Equipment and Test Sets

103-490-100	1	J98710G Error Detecting Set — Description, Operation, and Maintenance
103-490-101	1	J98710G List 2 Error Detecting Set — Description, Operation, and Maintenance
103-491-100	2	J98710F, List 1 and J98710F, List 2 Fault Locating Sets — Description, Operation, and Maintenance

Number	Issue	Subject
103-492-100	4	J98710H Repeater Test Set — Description and Maintenance
103-493-100	4	113A Test Set — Digital Transmission Systems — Description, Operation, and Maintenance
103-493-101	3	113B Test Set — Digital Transmission Systems — Description, Operation, and Maintenance
103-493-102	1	T-1 Line Repeater Test Set — Sierra 316A
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* Biddle is a registered trademark of James G. Biddle Company

† Bowmar is a registered trademark of Bowmar Instrument Corporation

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Division 104

Radio Test Equipment

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* GENERAL RADIO is a registered trademark of General Radio

* DuMont is a registered trademark of National Union Electric Corporation

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* MICROMATCH is a registered trademark of Conrec Technology Corporation.

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104-413-300	1	Operation
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Number	Issue	Subject
J64001AK Tube Test Set (TD-2)		
104-414-100	2	Description
104-414-300	2	Operation
104-414-330	3	J64001AK Tube Test Set — Trouble Tests
104-414-500	2	Maintenance
J68392A Transmitter-Receiver Test Set (TD-3 & TH-3)		
104-415-000	1	Description and Operation
104-415-300	1	Operation
104-415-501	2	Routine Maintenance
104-415-502	1	J87296A Power Supply
104-415-504	1	KS-19975 IF Oscillator
104-415-505	1	RF and IF Sweep Control Unit
104-415-506	1	J68392C IF Amplifier
104-415-507	1	J68392F IF Detector Circuit
104-415-508	2	KS-19974 RF Oscillator
104-415-509	1	RF Frequency Meter
104-415-510	1	KS-19977 Frequency Counter
104-415-511	2	KS-19976 Oscilloscope
104-415-512	1	KS-19927 Noise Generator
104-415-513	1	KS-19978 Power Meter
104-415-514	1	Maintenance — KS-20383 RF Oscillator
ED50978-10 Portable Test Arrangement		
104-416-300	1	Operation
J68428A Transmitter-Receiver Test Set		
104-417-000	1	Description and Operation
104-417-500	1	General
104-417-501	1	Routine Maintenance
104-417-502	1	KS-20882 Oscilloscope
104-417-503	1	KS-20884 Frequency Counter
104-417-504	1	KS-20625 Power Meter
104-417-505	1	KS-20626 IF/RF Sweep Oscillator
104-417-506	1	Control Unit Maintenance
104-417-507	1	KS-21444 Frequency Counter
J68376A Transmitter Disconnect Unit		
104-420-000	1	Description, Operation and Maintenance
J68376B IF Test Set (TJ)		
104-421-000	2	Description, Operation and Maintenance
Hewlett-Packard KS-16647 RF Test Set (TJ)		
104-422-000	2	Description, Operation and Maintenance
J68405A Transmitter-Receiver Test Set (TH)		
104-430-100	1	Description
104-430-300	2	Operation
104-430-500	2	General
104-430-501	1	Power Supplies
104-430-502	2	RF Generator
104-430-503	1	Sweep Generator
Addendum	1	
104-430-504	2	KS-15865 Oscillator (IF Generator)
104-430-505	1	Video Amplifier
104-430-506	2	97-kHz Oscillator
104-430-507	1	97-Kc Amplifier-Rectifier
104-430-508	1	Modulation Regulator
Addendum	1	
104-430-509	1	Noise Figure Test Set
104-430-510	1	489A Network
104-430-511	1	RF Reflectometer
104-430-512	1	KS-15869 Oscilloscope
104-430-513	2	RF Meter
104-430-514	1	IF Meter
104-430-515	2	Miscellaneous Test Set Accessories
104-430-516	1	KS-16532 Flexible Waveguide Return Loss Test
J68415A Auxiliary Test Set (TH)		
104-431-100	1	Description
104-431-500	4	Maintenance
J68414A DADE Test Set (TH)		
104-432-000	1	Description, Operation and Maintenance
J99262AA Test Set (TL)		
104-440-100	1	Description
104-440-300	1	Operation
104-440-500	1	Maintenance

Number	Issue	Subject
Anritsu* ME645A Test Set		
104-441-000	1	Field Calibration Service — Administration

104-480/482 Test Benches

J68333A Test Bench (TD-2)		
104-480-100	2	Description
104-480-300	2	Operation
104-480-500	3	Maintenance
J68848 Test Bench (TH)		
104-481-100	1	General
104-481-101	1	AC Power Control and Distribution
104-481-102	1	6049-MC Frequency Generator Bay
104-481-103	2	Broadband Channel Radio Equipment
104-481-104	1	Auxiliary Channel Equipment
104-481-105	1	FM Terminal Transmitter Bay
104-481-106	1	FM Terminal Receiver Bay
104-481-501	1	AC Power Control and Distribution
104-481-502	3	6049-MHz Frequency Generator Bay
104-481-503	3	Broadband Radio Channel Equipment
Addendum	1	
104-481-504	1	Auxiliary Channel Equipment
104-481-505	1	FM Terminal Transmitter Bay
104-481-506	1	FM Terminal Receiver Bay
J68396A Test Bench		
104-482-100	1	Description
104-482-300	1	Operation
104-482-500	1	Maintenance

Number	Issue	Subject

104-5 Single-Sideband Microwave Radio Test Equipment

104-500 AR 6A Test Equipment

104-500-100	2	J68454C Scanning IM Test Module — J68454D Scanning IM Power Module — Description, Operation, and Maintenance — AR 6A Single-Sideband Radio System
104-500-101	1	Description, Operation, and Maintenance — AR 6A Single-Sideband Radio System
104-500-102	1	J87431B Test Load for J87431A TWT — Power Supply

104-6 Digital Microwave Radio Test Equipment

104-600-001	1	202B, 202C 3-Tone Test Set — Calibration, Description, and Operation
104-600-002	1	General Telemetry Processor Simulator — User's Guide
■ 104-601-010	1	DR6/11-135EC Digital Radio System — Initial Setup Procedure for the HP 11758T Digital Radio Test System (DRTS)(7-92)

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Division 105

PBX, Station, and Premises Distribution Test Equipment

105-0 Indexes

105-2 Test Sets — Station

105-6 PBX Test Equipment

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105-000-000	25	Numerical Index — Division 105 — PBX and Station Test Equipment
105-2 Test Sets — Station		
105-240-100	3	81A Test Set
105-241-100	3	AT-8629 — Test Probe
Addendum	2	
105-242-100	4	139-Type Test Sets (Line Tone Emitter)
105-245-100	2	145A Test Set
105-250-100	2	KS-21250, List 2A — Identification, Operation, Maintenance, and Ordering — Coin Crafts' Test Set
105-260-100	1	155B Test Set
105-270-100	1	KS-16990, List 1 Test Set
105-280-100	2	24A Loop Checker
105-290-100	2	J53054A Telephone Test Set — Identification, Installation, Operation, Calibration, and Maintenance
105-6 PBX Test Equipment		
105-600-101	2	PBX Cord Circuit Test Set — SD-66484-01 (J54703A) — Description
105-601-501	1	Solid State Converter and Receiver Test Set SD-66890-01 (J58847M) — Operation Tests
105-602-101	2	PBX-ANI Data Link Test Set J59204AJ — Description and Operation

Division 106

Electrical Test EquipmentOutside Plant

106-0 Index, Equipment Test List, and Test Sets
- **-000 Index**
- **-001 Equipment Test List**
- **-020 Test Sets — General**

106-2 Test Equipment
- **-210 Amplifier**
- **-220 Volt and Ohm Meters**
- **-230 Bridge — Portable**

106-3 Test Equipment — Cable
- **-300 Cable — General**
- **-310 Cable Conductor Identification**
- **-315 Cable Conductor Identification — Main Distributing Frames**
- **-320 Cable Transfer**
- **-340 Cable Faults**
- **-350 Location of Buried Plant**
- **-360 Buried Plant Faults**
- **-370 Coaxial Cable**
- **-380 Capacity Unbalance**
- **-450 Multiple Line Wire**

Number	Issue	Subject
106-0 Index, Equipment Test List, and Test Sets		
106-0 Index		
106-000-000	65	Numerical Index — Division 106 — Electrical Test Equipment — Outside Plant
106-001 Equipment Test List		
106-001-011	5	ETL
106-020 Test Sets — General		
106-020-100	2	KS-8455 — Description and Use
106-020-111	3	Telephone Sets — Description and Use
106-020-112	2	AT-7888 List 1A Test Set — Speaker Set
106-020-113	5	1013B Handset — Description, Use, and Maintenance
106-020-114	2	100 Type Communication Sets — Description and Use
106-020-120	2	84A — Description and Use
106-020-135	2	AT-8465 L1A — For D Pressure Transducer — Description and Maintenance
■ 106-020-136	1	"77 Type Tone Test Set (Tracer) and 200 Type Inductive Amplifier - Fact Sheet
106-2 Test Equipment		
106-210 Amplifiers		
106-210-100	1	107-A and 108-A Amplifiers — Description and Maintenance
106-220 Volt and Ohm Meters		
106-220-100	2	KS-14725 Voltmeter — Description and Maintenance
106-220-105	2	Megger Test Sets — Low Voltage Types — Description and Maintenance
Addendum	1	
106-220-111	2	Megger Test Sets — High Voltage Types — Description
106-230 Bridges — Portable		
106-230-100	3	KS-14959 Test Set (Portable Wheatstone Bridge) — Description and Maintenance
106-230-105	4	96A Test Set — Description and Maintenance
106-3 Test Equipment — Cable		
106-300 Cable, General		
106-300-100	6	91A Test Set — Description and Maintenance
106-300-108	2	B Wire Connector Test Clip — Description and Use
106-300-115	1	B Transfer Cord — Description and Use

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106-300-120	1	Wilcom* Model T124 Shield Continuity Test Set — Description and Use

106-310 Cable Conductor Identification

106-310-100	2	Test Boards — Description and Use
106-310-105	2	Needle Point Test Pick — Description and Use
106-310-115	4	71- and 72-Type Test Sets — Description and Maintenance
106-310-116	1	120A Test Set
106-310-120	3	108A and 109A Test Sets
106-310-122	1	CB Automatic Pair Identifier — Description and Maintenance
106-310-125	2	AT-8121 — L1A Test Set — Description

106-315 Cable Conductor Identification — Main Distributing Frames

106-315-100	1	387B Plug — Description and Use
106-315-102	1	B Test Point — Description and Use
106-315-103	1	B Pair Identifier
106-315-119	1	Multiple Pair Test Connectors for 302- and 303-Type Connectors
106-315-120	2	B, C, and F Test Connectors — Description and Installation
106-315-121	7	D, G, H, M, N, P, R, and T Test Connectors and 299A Test Adapter — Description and Use

106-320 Cable Transfer

106-320-100	3	104A Test Set — Description and Maintenance
106-320-110	2	Cut-Closed Set (AT-8241, L1A Test Set) — Description

Number	Issue	Subject

106-340 Cable Faults

106-340-105	4	99B, 95C and 110A Test Sets — Description and Maintenance
106-340-110	2	Open Fault Locator — Delcon 4910F — Description and Maintenance
106-340-115	4	101- and 105-Type Sets — Description and Maintenance

106-350 Location of Buried Plant

106-350-100	2	93A-Type Test Set — Description

106-360 Buried Plant Faults

106-360-100	2	AT-7851, List 1A Test Set — Description

106-370 Coaxial Cable

106-370-105	3	13-Type Power Units — Description and Use
106-370-111	1	88A Test Set — Description and Maintenance
106-370-116	1	128 Test Set — Description and Maintenance

106-380 Capacity Unbalance

106-380-100	2	27A Oscillator — Description and Maintenance

106-450 Multiple Line Wire

106-450-100	1	111A Test Set
106-450-101	1	114A Test Set — Description and Maintenance

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Division 107

Data and Teletypewriter Testing Equipment

107-0 Indexes, Equipment Test Lists, and General Information

107-1 Connecting, Switching, and Adapting Test Devices

107-2 Test Signal Pattern and Frequency Generators

107-3 Signal Evaluating and Measuring Sets

107-4 Single Generation and Evaluation Equipment

107-6 Digital Data System — Test Equipment

107-8 Teletypewriter Testing Equipment

107-0 Indexes, Equipment Test Lists, and General Information

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107-001-011	1	Toll Type Equipment ETL

107-1 Connecting, Switching, and Adapting Test Devices

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107-100-100	3	901A and 901B Data Test Sets — Identification and Operation
Addendum	1	
107-101-100	4	914-Type Data Test Sets — Description and Operation
❶ 107-104-010	1	178A Test Set — Description and Operation
107-180-100	1	Bridging Devices — Description, Application, and Construction
107-180-101	1	Digital Signal Recording and Playback Using a Pulse Transmitter/Receiver — Description, Application, and Construction
107-180-102	1	Interface Test Adapter for Data Set 303- Type — Description, Application, and Construction
107-180-103	1	Multiple Data Set 403D-Type Arrangement — Description, Application, and Construction Information
107-180-104	1	Wideband Data Test and Service Bay Connector Panel — Description, Application, and Construction Information

107-2 Test Signal Pattern and Frequency Generators

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Addendum	2	
107-201-100	2	905A and 905B Data Test Sets — DATASPEED Signal Generator — General Description and Principles of Operation
Appendix	1	905A and 905B Data Test Sets — DATASPEED Signal Generator — General Description and Principles of Operation
107-201-800	2	905A and 905B Data Test Set — DATASPEED Signal Generator — Parts
107-202-100	1	909A Test Oscillator Circuit — Description
107-202-500	1	909A Test Oscillator Circuit — Field Test and Alignment (1070, 1270, 2025, and 2225 Cycles)

107-3 Signal Evaluating and Measuring Sets

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107-300-100	3	902-Type Data Test Sets — Description and Operation
■✪107-300-659	1	Configurator Toolkeeper Planning Guide
107-301-100	1	907A Data Test Set — Identification and Operation
107-302-100	2	906A Data Distortion Test Circuit — General Description and Operating Principles
Addendum	1	
107-302-500	1	906A Data Distortion Test Equipment — Test, Inspection, and Alignment
107-304-100	1	TTS-28 Portable Station Test Set — Description
107-304-500	1	TTS-28 Portable Station Test Set — Test Methods

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	107-305-100	2	F-58654 Portable Test Set for Acoustic and Inductive Couplers — Description and Operation
	107-305-500	1	Testing Acoustically and Inductively Coupled Devices Using the F-58654 Test Set — Test Procedure

107-4 Signal Generation and Evaluation Equipment

A	107-400-100	4	912A Wideband Data Test Set — Description and Operation
	107-401-100	2	913A Data Test Set — Identification and Operation
	107-402-100	4	921A Data Test Set — Description and Operation
	107-402-500	3	921A Data Test Set — Maintenance

107-6 Digital Data System — Test Equipment

	107-600-100	2	KS-20909 Data Test Set (Digital Transmitter) — Description and Operation
	107-601-100	2	KS-20908 Data Test Set (Receiver) — Description and Operation
	107-602-100	2	Digital Signaling Test Unit (DSTU) — Description, Operation, and Maintenance
	107-605-100	1	KS-21899 — Description
	107-605-200	1	KS-21899 — Installation
	107-605-300	1	KS-21899 — Operation
	107-605-500	1	KS-21899 — Maintenance

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107-8 Teletypewriter Testing Equipment

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	107-800-400	1	28 Stroboscopic Test Set — Wiring Diagram
	107-800-500	1	28 Stroboscopic Test Set — Test Methods
	107-800-800	1	Stroboscopic Test Set (LLS) — Parts
●	107-801-100	1	Parallel Signaling Terminal Simulator (TSG803) — Description and Operation
●	107-801-800	1	Parallel Signaling Terminal Simulator (TSG803) — Parts
●	107-802-100	1	TP323540 Line Monitor Test Set — Description and Operation
●	107-802-800	1	323540 Line Monitor Test Set — Parts
	107-803-100	1	DATASPEED Test Set TSM-7725S for Data Test Center — Description and Operation
	107-803-300	1	DATASPEED Test Set TSM-7725S for Data Test Center — Illustration and Parts

Division 154

Power Systems Administration

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- -000 Index
- -001 Administrative
- -002 Reviews

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- -100 DC Power Plants
- -101 AC Power Plants
- -102 Batteries
- -103 Alarms
- -104 Rectifiers
- -105 Operations Support Systems (OSS)

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■ 154-001-050	1	Power and Infrastructure Standards Manual
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154-002 Reviews		
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154-1 Operation, Maintenance, and Standards for Network Services Division (NSD)		
154-100 DC Power Plants		
■ 154-100-101	1	415A DC Power Plant — Operation and Maintenance
■ 154-100-110	1	LINEAGE® 2000 MCS Controller DC Power Plant — Operations and Maintenance
■ 154-100-113	1	LINEAGE® 2000 ECS Controller DC Power Plant — Operations and Maintenance (12-94)
■ 154-100-116	1	LINEAGE® 2000 XCS Controller DC Power Plant — Operations and Maintenance (9-94)
■ 154-100-120	1	LINEAGE® 2000 CCS Controller DC Power Plant — Operations and Maintenance (12-94)
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■ 154-102-101	2	DC Plant Batteries Maintenance Manual (6-94)
154-103 Alarms		
■ 154-103-101	3	Alarm Standards Manual (2-95)
■ 154-103-105	1	NJ00508 Alarm System Trouble Sectionalization Aid
■ 154-103-110	1	BECAS User's Manual (5-95)
■ 154-103-111	1	BECAS Engineering and Installation Manual (5-95)
154-104 Rectifiers		
■ 154-104-110	1	LINEAGE 2000 J85502 and J85503 60 Hz Rectifiers — Operations and Maintenance Manual

Number	Issue	Subject
■ 154-104-111	1	LINEAGE 2000 J87434 through J87439 Rectifiers — Operation and Maintenance Manual

154-105 Operations Support Systems (OSS)

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■ 154-105-110	3.1	Power Quality Resource Systems (PQRS) — User Guide (12-94)
■ 154-105-115	2	Power Tool (PTOOL) User's Guide (5-95)

154-999 Non-AT&T Manufactured Power Equipment

■ 154-999-001	1	Non-AT&T Manufactured Converter Plants Routine Maintenance Intervals (10-94)
■ 154-999-003	1	Non-AT&T Manufactured Inverter Plants Routine Maintenance Intervals (10-94)

Division 155

Alternators, Engine-Alternators,Gas Turbine Alternators, Tone Alternators, Tone Machines, Ringing and Coin Control Generators, Charging Generators and Motor-Generators

155-0 Index, Equipment Test Lists, Commercial Power Failure, Operating Instruction Charts, Automatic Control Units, and Portable Test Set

155-1 Alternators and Engine-Alternators

155-2 Gas Turbine Alternators

155-3 Tone Alternators and Tone Machines

155-4 Ringing and Coin Control Generators

155-5 Charging Generators

155-6 Motor-Generators

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155-001-012	18	Gasoline Engine Driven Alternators — Power Systems
155-001-013	18	Diesel Engine Driven Manual Alternators — Power Systems
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155-001-016	10	Main Control Cabinet — Power Systems Equipment
155-001-017	6	Charging Generators — Power Systems Equipment
155-001-018	7	Ringing and Coin Control Generators — Power Systems Equipment
155-002 Commercial Power Failure — Power Plant Tests and Logs — Emergency Engine Sets		
155-002-010	1	Log of Operations
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155-003 Commercial Power Failure — Power Plant Tests and Logs — Power Systems — Engineering and Operational Reviews		
155-003-000	2	Section 1 — General Instructions and Summary Procedures
155-003-001	2	Section 2 — Power Engineering and Operations Checklist
155-003-002	2	Section 3 — Building Engineering Checklist
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155-010 Operating Instruction Charts — Wall Charts		
155-010-300	13	Description, Availability, and Ordering Instructions — Engine-Alternator
155-020 ED-82846-30 Automatic Fuel Pump Control Unit — For 900-Type Power Plant — Auxiliary Fuel Pumping Systems		
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155-020-501	1	Tests and Inspection

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155-021 J86638A Automatic Solid-State Control Unit—For Reserve Gas Turbine Engine-Alternator Plants

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Addendum	1	
155-021-701	1	Requirements and Adjusting Procedures

155-022 J86742A Automatic Controller — Automatic Paralleling and Load Management for Reserve Engine-Alternator Plants

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155-023 J86743A Universal Engine Controller

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155-023 181A Portable Test Set

155-023-701	1	Description, Operation, and Trouble Analysis

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155-105 Alternators — Commercial Type

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155-105-701	6	Requirements and Adjusting Procedures
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Number	Issue	Subject

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155-108-801	1	Replacement Parts and Procedures

155-109 KS-15994 Motor-Alternator

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155-109-801	2	Replacement Parts and Procedures

155-110 KS-5715 Motor-Driven Emergency Alternators

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155-112-801	4	Replacement Parts and Procedures

155-113 KS-15823 Alternator — With Compensating and Gap Circuits

155-113-701	1	Requirements and Adjusting Procedures
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155-115 KS-15844 Alternator and Voltage Regulator

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155-118 KS-15986 Motor-Alternator		
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155-124-301	1	Operating Method
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155-124-701	1	Requirements and Adjusting Procedures
155-124-801	1	Replacement Parts and Procedures
155-126 KS-5565 Gasoline Engine-Alternators — 10 KW — D. W. Onan & Sons, Incorporated		
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155-128-801	4	General Motors — Series 71 Sets — Replacement Parts and Procedures
155-128-802	1	20 KW — Stationary and Portable — Replacement Parts and Procedures

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132-301 KS-5602 Engine-Alternator Set — List 01 — 5 KVA — 4 KW

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155-132-701	1	Requirements and Adjusting Procedures
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155-134 KS-5636 Gasoline Engine-Alternator — L1 — Automatically Controlled

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155-174-302	3	L23, L24, L33, and L34 — Automatically Controlled — Operating Methods
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155-174-801	1	L21, L22, L31, and L32 — Manually Controlled — Replacement Parts and Procedures
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155-178 KS-15890 Diesel Engine-Alternator — 30, 45, 60, and 100 KW — Automatically Controlled

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155-180-701	4	Automatically and Manually Controlled — Requirements and Adjusting Procedures
155-180-801	1	L1, L2, L11, and L12 — Manually Controlled — Replacement Parts and Procedures
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155-185-801	1	L1 and L11 — Manually Controlled — Replacement Parts and Procedures
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155-187 KS-15954 Diesel Engine-Alternator — 350 KW

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155-202 KS-15992 Gas Turbine Engine-Alternator — 750 KW Automatically or Manually Controlled		
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155-205 KS-19896 Gas Turbine Engine-Alternator — L1 Through L4, L15, and L16 — 200 KW — Automatically or Manually Controlled		
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155-510 22-40 Volt and 125-135 Volt; 1.25 KW DELCO Charging Sets — Per KS-5115 and KS-5116		
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Division 157

Batteries

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Engines and Engine Sets,Motors, Dynamotors, and Drives

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159-1 Engines and Engine Sets

159-4 Motors and Dynamotors

159-7 Drives

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Division 161

Speed Reduction Units, Converters,Inverters, Air Dryers, Compressors, Compressor-Dehydrators, Waveguide Dehydrators, Exhauster Sets, Fans, Tube Cooling Systems, Ventilating Equipment, Call Announcer Machines

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161-2 Converters and Inverters

161-3 Air Dryers, Compressors, Compressor-Dehydrators, Dehydrators, and Waveguides

161-4 Exhauster Sets, Fans, Tube Cooling Systems, and Ventilating Equipment

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161-201-301	1	DC-to-AC Inverter J87415A Operating Methods
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161-205-701	5	Inverted Converters — Janette Manufacturing Company — Requirements and Adjusting Procedures
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161-205-801	1	Inverted Converters — Janette Manufacturing Company — Replacement Parts and Procedures
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161-208-701	5	Power Inverter — KS-5590, KS-15574, KS-15597, KS-15662 and KS-15679 — Requirements and Adjusting Procedures
161-212-701	3	KS-5717 and KS-5726 — Requirements and Adjusting Procedures
161-212-801	2	Inverters — KS-5717 and KS-5726 — Replacement Parts and Procedures
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161-232-301	1	DC-to-AC Inverter — KS-19430 — Operating Methods
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161-233-301	3	KS-19738 Inverter — Operating Methods
161-234-301	3	DC-to-AC Inverter — KS-19951 — Operating Methods
161-234-302	1	Inverter — KS-19952 — Operating Methods
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161-245-301	1	Inverter — J87266A — Operating Methods
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■ 161-311-000AC	1	KS-22712 L1 Air Dryer — Description, Installation, and Operating Methods
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161-330-701	3	Compressor Set — KS-14514, L1 — Requirements and Adjusting Procedures
161-330-703	1	Compressor Set KS-21231 L1 — Requirements and Adjusting Procedures
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161-350-801	2	Compressor-Dehydrator KS-14155, List 1 and Dehydrator KS-14155, List 2 — Piece-Part Data and Replacement Procedures
161-352-701	2	Compressor-Dehydrator KS-16321, L1 and Dehydrator KS-16321, L2 — Requirements and Adjusting Procedures
161-352-801	1	Compressor-Dehydrator KS-16321, List 1 and Dehydrator KS-16321, List 2 — Replacement Parts and Procedures
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161-372-301	4	KS-16153 L1, L2, and L3 Dehydrators and Associated Waveguide Alarms — Operating Methods
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161-4 Exhauster Sets, Fans, Tube Cooling Systems, and Ventilating Equipment

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161-408-101	1	Sturtevant* Exhauster Sets — Description
161-408-701	4	Centrifugal Fans (Formerly Exhauster Sets) — Requirements and Adjusting Procedures
161-408-801	2	Sturtevant Exhauster Sets — Replacement Parts and Procedures
161-412-701	4	Portable Exhauster Sets — D-96738, D-97067, KS-8038 and KS-8430 — Requirements and Adjusting Procedures
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161-475-301	4	J86486 Tube Cooling System — Operating Methods
161-475-801	3	KS-16616 Air Filter — Replacement Parts and Procedures
161-476-301	2	J68416A — TH Radio Tube Cooling System — Operating Methods
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161-476-801	2	J68416A — TH Radio Tube Cooling System — Blower and Filter Replacement Procedure
161-480-701	2	Power Room Ventilation and Air Discharge Duct Equipment — Requirements and Adjusting Procedures

161-7 Call Announcer Machines

161-705-701	3	Film Type — Requirements and Adjusting Procedures
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Division 163

Interrupters, Ringing Machines, and Pole Changers

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-000 Index

-001 Equipment Test List

163-2 Interrupters — Located on Customer or Telephone Company Premises

163-3 Ringing Machines — Located on Customer or Telephone Company Premises

163-5 Ringing Machines — Located on Customer Premises

163-6 Interrupters — Located on Telephone Company Premises

163-7 Ringing Machines and Pole Changers — Located on Telephone Company Premises

163-0 Index and Equipment Test Lists

163-000 Index

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163-001-012	7	Ringing Sets — Power Systems
163-001-013	16	Ringing and Tone Machine — Power Systems

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163-220-801	4	KS-15634 and KS-15757 Type — Replacement Parts and Procedures

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163-5 Ringing Machines — Located on Customer Premises

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163-530-701	9	KS-15804, KS-15905, and KS-15985 — Requirements and Adjusting Procedures
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167-609-310	1	LINEAGE® 2000 MCS-6 — 24 or 48 Volts 800 Amperes — Description
167-609-400	1	151A (J86872) — Description and Theory
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167-609-404	1	151C (J86917) — –48 Volts, 600 Amperes — Operating Methods
167-609-501	2	152A (J86908) — ±24 Volts 1200 Amperes — Operating Methods
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179-330-501	6	2600-Hz E1S, E2S, and E3S — Out-of-Service Tests Using Testing Circuit SD-96519-01 or SD-96519-02
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179-602-503	1	Auxiliary Multifrequency Supply and Distribution Circuit SD-1C450-01 — Tests and Alarm Routine
179-603-501	5	Signal Generator SD-95867-01 — Tests
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179-610-701	5	Signaling Receiving Circuit SD-95087-01 — Adjustment Procedures
179-612-501	6	Signaling — Receiving Circuit — Filament Alarm and Emergency Transfer Circuit Tests
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179-615-505	2	Dual Channel Receiver Circuit SD-26348-05 — Tests — No. 3 and No. 5A Crossbar Offices
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179-708-504	1	Intertoll Dialing — Type B, CX, and SX Signaling Circuit — Overall Dialing Trunk Pulsing Test — Using Pulse Repeating Test Set (SD-65450-01) on 2-Way Trunk Test Jack
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179-708-508	1	Intertoll Dialing — Type B, CX, and SX Signaling Circuits — Overall Dialing Trunk Pulsing Test From Toll Testboards
179-721-501	3	Loop Signaling Converter — Originating Line, SD-98130-01 — Tests — Wide Area Data Service (WADS) Using Station Arrangement A

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Division 190

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-701 IFFAS (Integrated Facilities and Force Administration System)

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190-102-206	2	SELEC Program
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▲190-102-305	2	Remote User Terminal Operating Procedures
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190-103-310	1	2CAROT3 — Console Output Message Manual
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▲190-103-405	1	CAROT 2 — Generics 4 and 5 — Remote-User Terminal — Operating Procedures Centralized Auto. Reporting on Trunks
190-103-410	1	2CAROT4 — Console Output Message Manual
190-103-500	1	2CAROT3 — System Trouble-Locating Procedures
190-103-501	1	2CAROT3 — System Recovery Strategy
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190-103-510	1	2CAROT5 — Console Output Message Manual
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190-104 RTTU/CTTU (Remote Trunk Test Unit/Central Trunk Test Unit)

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190-104-100	1	Overall System Description
190-104-101	1	Remote Trunk Test Unit — Frame Description — 2-Wire 1/1A ESS™ Switch, 1/1A ESS Switch With HILO 4-Wire Feature, and 2/2B ESS Switch
190-104-103	1	Maintenance and Trouble Locating Procedures — 5XB, SXS, and 3 ESS Switch
190-104-201	1	Performance Test Requirements

Remote Trunk Test Unit — Acceptance Tests

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▲190-104-305	1	3 ESS Switches
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Remote Trunk Test Unit — Maintenance and Trouble Locating Procedures		
190-104-501	1	2/2B ESS Switch
190-104-502	1	2-Wire 1/1A ESS Switches and 1/1A ESS Switches With HILO 4-Wire Feature
190-104-503	1	5XB, SXS, and 3 ESS Switch
190-104-504	1	Overall System Tests
190-105 ATA (Automatic Trouble Analysis)		
190-105-101	2	Description
190-105-301	3	Input Commands/Output Messages
190-105-302	3	Operating Procedures
190-105-310	3	System Arranged With PDP* — 11/40 Processor Computer Center Operating Procedures
190-105-311	4	Computer System Generation
190-105-312	2	Computer Trouble Sectionalizing and Recovery
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190-105-314	3	PDP - 11/70 Computer Operating Procedures
190-105-501	1	Computer Acceptance Tests
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* PDP is registered trademark of Digital Equipment Corporation

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190-106 MDT (Maintenance Data Transmitter)		
190-106-101	1	SD-28111-01 — Description — No. 5 Crossbar Offices Arranged for ATA
190-106-102	1	SD-28129-01 — Description — No. 5 Crossbar Offices With Office Test Frame (OTF) Arranged for Automatic Trouble Analysis (ATA)
190-106-111	3	SD-28110-01 — Description — No. 1 Crossbar Offices Arranged for Automatic Trouble Analysis (ATA)
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190-106-301	2	Trouble Locating Procedure — No. 5 Crossbar
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190-106-311	3	Trouble Locating Procedure — No. 1 Crossbar
190-106-501	2	No. 5 Crossbar Offices With Master Test Frame (MTF) Arranged for Automatic Trouble Analysis (ATA) Acceptance Tests
190-106-502	1	Acceptance Tests — No. 5 Crossbar Offices With Office Test Frame (OTF) Arranged for Automatic Trouble Analysis (ATA)
190-106-511	2	Acceptance Tests — No. 1 Crossbar Offices Arranged for Automatic Trouble Analysis (ATA)
190-107 Programmable Scanner/Distributor — ATA (Automatic Trouble Analysis)		
190-107-101	2	SD-94844-01 — Description
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190-107-301	2	Trouble-Locating Procedures
190-108 TREAT (Trouble Report Evaluation and Analysis Tool) System		
190-108-005	1	Central Office Reports — Description
190-109 TERESA (Trouble Evaluation and Resolution via Expert System Applications)		
■ 190-109-105AC	1	TERESA (Trouble Evaluation and Resolution via Expert System Applications) (4-89)

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190-110-110	9	Common Application — Description
190-110-120	1	Computer Subsystem — Administrative Guidelines
190-110-121	1	Computer Subsystem — System Administrator Procedures
190-110-302	3	Computer Subsystem and Control Equipment — Hardware Check
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190-110-310	5	Computer Subsystem and Control Equipment — Hardware Operation and Reconfiguration
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4ESS™ Switch		
190-111-110	3	Description
1A ESS™ Switch		
190-112-110	3	Description
190-112-340	3	Operational Test Procedures
190-112-341	2	System Recovery Procedure
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190-113-110	4	Description
190-113-125	1	Multiple Message Alerting (MMA) — Administration Procedures
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190-113-310	2	Operating and Diagnostic Test Procedure
190-113-311	2	Emergency Action Procedures
190-113-312	2	Analysis of Network Failures and TN08 Messages
190-113-313	1	Trunk Maintenance Package (TRUMP) — Procedures
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190-113-314	1	Network Analysis Operational Procedures
190-113-315	2	TN08 Messages Analysis Procedures — Operation, Maintenance, and Administration
190-113-340	3	Operating and Diagnostic Test Procedures
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190-113-341	1	Emergency Action Procedure
Traffic Service Position System No. 1		
190-114-110	2	Description
190-114-310	2	Central Office Interconnect — Operation and Test Procedures
■ 190-114-311	2	Emergency Action Procedures
190-114-340	1	Control Console No. 1A — Operation and Test Procedures
■ 190-114-341	1	Control Console No. 1A — Emergency Action Procedures
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190-115-110	2	Description
190-115-310	1	Operation and Test Procedures
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190-118-110	1	Automatic Interrupt System (AIS) Application — Description
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190-119-310	1	Operation and Trouble Analysis Procedures
190-119-311	1	Emergency Action Procedure
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190-120-110	1	Description
190-120-340	1	Operational Test Procedure
190-120-341	1	Enhanced 911 and Enhanced Private Switched Communication Service — System Recovery Procedure — No. 2 Switching Control Center System
5ESS Switch		
190-122-110	3	Description
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190-125-110	3	Description
190-125-311	2	Emergency Action Procedure
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190-126-110	1	Description
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190-127-110	1	Description
190-127-340	1	Operational Test Procedures
190-127-341	1	Emergency Action Procedure
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190-128-110	2	Description
No. 1 PSS (No. 1 Packet Switch System)		
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190-129-210	1	No. 1 — Description
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190-130 Switching Control Centers (SCC)

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190-130-110	1	Introduction, Planning, and Implementation — Network Maintenance Management
190-130-111	1	Guide for Switching Control Center Implementation and Cutover Scheduling — Network Maintenance Management
190-130-112	1	Administrative Guidelines — Stored Program Control System — Network Maintenance Management
190-130-113	1	Rural Switching Control Center Administrative Guide — Network Maintenance Management
190-130-115	2	Organizational Sizing of Switching Control Centers
190-130-120	2	Organization and Responsibility Guidelines
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Appendix 2	1	Work Assignment Lists — Description
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190-130-121	1	Alarm Surveillance Guides — Ordering Information
■ 190-130-122AC	2	Remote Work Center (RWC) — Operating Guidelines
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■ 190-130-123AC	1	Network Maintenance Guidelines — Remote Work Center Operational Review
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■ Appendix 5AC	1	Interview — Supervisor — General
■ Appendix 6AC	1	Interview — Supervisor — System Administrator
■ Appendix 7AC	1	Interview — Technician — General
■ Appendix 8AC	1	Interview — STP — Supervisor and Technician
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■ Appendix 10AC	1	Interview — DCO — Supervisor and Technician
■ Appendix 11AC	1	Interview — TSPS — Supervisor and Technician
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■ Appendix 13AC	1	Interview — 4ESS™ — Supervisor and Technician
■ Appendix 14AC	1	Interview — 5ESS® — Supervisor and Technician
190-130-130	2	Administrative Procedures
190-130-131	2	Pricing Guides Ordering Information — Network Maintenance Management
190-130-133	1	Dispatch and Administration Procedures
190-130-135	1	Operations Guide — 24-Hour Switching Control Center — Operations Support Systems
190-130-140	1	Work Schedule — Form E-6837 — Preparation and Use — Network Maintenance Management
190-130-143	1	Network Maintenance Management Plan — Operational Review Guidelines
190-130-146	1	Building and Power Alarms Central Office Maintenance
190-130-147	1	Stored Program Control System — Trouble Escalation Procedures
190-130-150	1	Load and Work Time Record — Form E-6843 — Network Maintenance Management
Addendum	1	
190-130-160	1	Work Load and Force Measurement Plan — Network Maintenance Management
190-130-200	1	SCC/SCCS Centralized Trunk Operation
190-130-202	1	Enhanced Private Switched Communications Service Procedures — Operation, Maintenance, and Administration
190-130-203	1	No. 1/1A ESS Remote Trunk and Line Test Procedures Using Remote Trunk Test Interface (SD-1A485-01)
190-130-204	1	Customer Service Administrative Control Center (CSACC) — EPSCS Network Status System (CENSS)
190-130-205	1	Electronic Tandem Network Service Procedures
190-130-300	1	Centralized Trunk Operation — Central Office Maintenance Management — Electromechanical
Addendum	1	
190-130-301	1	Electromechanical Centalized Switch Operations — Network Maintenance Management

190-135 BILLDATS® II Collector

■ 190-135-001	1	BILLDATS II Collector Planning Reference Guide (4-93)
■ 190-135-002	5	BILLDATS II Collector — Output Messages (4-95)
■ 190-135-003	5	BILLDATS II Collector — Input Commands (4-95)
■ 190-135-004	5	BILLDATS II Collector — Operations and Maintenance Guide (4-95)
■ 190-135-005	5	BILLDATS II Collector — Customer Acceptance Guide (4-95)
■ 190-135-006	5	BILLDATS II Collector — Optional Features Guide (4-95)
■ 190-135-007	4	BILLDATS II Collector — (NSD Features (9-93)
■ 190-135-008	5	BILLDATS II Quick Reference Guide
■ 190-135-009	2	BILLDATS II Art User Guide (10-93)

Number	Issue	Subject
■ 190-135-010	2	BILLDATS II Art Administration Guide
■ 190-135-011	1	BILLDATS II OLA User Guide
■ 190-135-012	1	BILLDATS II Berms User Guide
■ 190-135-013	1	BILLDATS II Map Administration Guide
BILLDATS II Helix		
■ 190-135-027	1	BILLDATS II Helix Installation Guide (5-95)
BILLDATS II Collector/3000		
■ 190-135-100	1	BILLDATS II Collector/3000 Planning Guide (4-94)
■ 190-135-101	3	BILLDATS II Collector/3000 Quick Reference Guide
■ 190-135-102	3	BILLDATS II Collector/3000 Output Messages
■ 190-135-103	3	BILLDATS II Collector/3000 Input Messages
■ 190-135-104	3	BILLDATS II Collector/3000 Operation and Maintenance Manual
■ 190-135-105	3	BILLDATS II Collector/3000 Optional Features
■ 190-135-106	2	BILLDATS II Collector/3000 Customer Acceptance Guide
■ 190-135-107	1	BILLDATS II Collector/3000 Installation Guide

190-136 BILLDATS Common Equipment

■ 190-136-100	2	CIU II User Guide
■ 190-136-101	3	BILLDATS NSTE User' Guide
■ 190-136-120	1	BILLDATS Network Server for the BNS2000 Switch — User's and Administrator's Guide (2-94)
■ 190-136-121	1	BILLDATS Network Server for the BNS2000 Switch — Planning and Ordering Guide (1-94)
■ 190-136-122	1	BILLDATS Network Server for the BNS2000 Switch — Hardware Installation Guide (2-94)
■ 190-136-130	2	BILLDATS SW Data Processor (5-94)
■ 190-136-131	1	BILLDATS Data Processor Disk Storage Binder (3-94)
■ 190-136-140	1	BILLDATS Network Server for SMS User's Guide (Taiwan) (6-94)

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■ 190-136-141	1	Intelligent Network Billing Data Collection System Customer Acceptance Guide (Taiwan) (7-94)
■ 190-136-152	1	Billing Data Collection System Product Acceptance Test Guide (Korea Mobile Telephone) (4-95)
■ 190-136-200	1	BILLDATS CIU Users Guide 2.1 (2-94)
■ 190-136-201	1	BILLDATS Network Server Collector Interface Unit (CIU) Users Guide Generic 3 (2-95)

190-137 PACTRAC (Problem And Change Tracking System)

■ Addendum	3	
■ 190-137-110	1	PACTRAC/CM User Guide (Change Management) (4-93)
190-137-120	1	PACTRAC/PM User Guide (Problem Management) (4-92)
190-137-130	1	PACTRAC/POC User Guide (Point Of Contact) (4-92)

190-140 Frame Control Center — Frame Work Station

190-140-100	1	Organizational Guidelines and Responsibilities
190-140-110	1	Operating Procedures
190-140-120	1	Implementation Guidelines

190-141 CAROT-Digital (Centralized Automatic Reporting on Trunks-Digital)

CAROT-Digital Generic 1		
190-141-001	1	CAROT-Digital Generic 1 Controller User's Guide Note: This manual includes the binder and tabs for practices 190-141-010, 190-141-011, 190-141-012, 190-141-013, 190-141-014, 190-141-015, and 190-141-016
190-141-002	1	CAROT-Digital Generic 1 Remote User's Terminal Guide Note: This manual includes the binder and tabs for practices 190-141-020, 190-141-021 and 190-141-013

Number	Issue	Subject
190-141-003	1	CAROT-Digital Generic 1 Controller/Remote User's Terminal Guide Note: This manual includes the binder and tabs for practices 190-141-030, 190-141-031, 190-141-032, 190-141-033, 190-141-034, 190-141-035, 190-141-036, and 190-141-037
190-141-004	1	CAROT-Digital Generic 1 Remote-User Terminal Operating Instructions Pocket Guide (2-95)
190-141-005	1	CAROT-Digital Generic 1 Remote-User Terminal Operating Procedures (2-95)
190-141-006	1	CAROT-Digital Generic 1 Controller Release 1 Operating Procedures (4-95)
190-141-010	1	CAROT-Digital Generic 1 Controller User's Guide Introduction (2-95)
190-141-011	1	CAROT-Digital Generic 1 Controller Administration (2-95)
190-141-012	1	CAROT-Digital Generic 1 Data Base Administration (2-95)
190-141-013	1	CAROT-Digital Generic 1 Circuit Order Activity - Implementation and Description (2-95)
190-141-014	1	CAROT-Digital Generic 1 System Trouble-Locating Procedures (2-95)
190-141-015	1	CAROT-Digital Generic 1 System Recovery Strategy (2-95)
190-141-016	1	CAROT-Digital Generic 1 Console Output Message Manual (2-95)
190-141-020	1	CAROT-Digital Generic 1 Remote User's Terminal Guide Introduction (2-95)
190-141-021	1	CAROT-Digital Generic 1 Remote User Terminal Description and Operation (2-95)
190-141-030	1	CAROT-Digital Generic 1 Controller/Remote User's Terminal Guide Introduction (2-95)
190-141-031	1	CAROT-Digital Generic 1 General System Description (2-95)
190-141-032	1	CAROT-Digital Generic 1 SELEC Program (2-95)
190-141-033	1	CAROT-Digital Generic 1 Text Editor Program (2-95)
190-141-034	1	CAROT-Digital Generic 1 Data Base Description and Transactions (2-95)
■ 190-141-035	1	CAROT-Digital Generic 1 Analysis of Test Results (2-95)
190-141-036	1	CAROT-Digital Generic 1 Report Program Generator (2-95)
190-141-037	1	CAROT-Digital Generic 1 Conversion and Installation Guide (2-95)

190-2 Surveillance and Control Systems

190-200 TCAS (T Carrier Administration System)

190-200-001	1	Organization and Responsibilities
190-200-002	1	Quality Review Plan
190-200-010	5	Overall System Description
190-200-025	1	Organization and Responsibilities
190-200-030	3	Maintenance Controller (MC) — General Operating Procedures
190-200-031	2	Maintenance Controller (MC) — Typical Trouble Handling Procedures
190-200-100	4	Central Equipment Description
190-200-101	5	Input Commands Description
190-200-102	5	Reports and Tasks Description
190-200-103	2	Facilities Maintenance and Administration Center-Metropolitan — Control Positions Description
190-200-300	7	Operating and Routine Maintenance Procedures
190-200-310	5	Data Base Controller Operations
190-200-311	2	Equipment and Facility Assignment Controller Procedures
190-200-312	2	Maintenance Control and Maintenance Alarm Control Positions — General Operating Procedures
190-200-313	2	Maintenance Control and Maintenance Alarm Control Positions — Typical Trouble-Handling Procedures
190-200-314	3	Supervisory Controller Procedures
190-200-500	4	Central Unit Test Procedures

Number	Issue	Subject
190-201 Alarm Centers		
190-201-010	1	Administration
190-202 FMAC (Facility Maintenance and Administration Center)		
190-202-004	1	Personnel Responsibilities
■ 190-202-010AC	1	FAMAS 2 Ticket Administration Procedures
190-202-041	1	Controlled Maintenance Plan — Operations Centers and Support Systems
190-202-061	1	Standard Alarm Name and Status Indication Abbreviations — Description
■ 190-202-061AC	2	Standard Alarm Name and Status Indication Abbreviations — Description
Addendum	1	
190-202-101	1	Organization, Responsibilities, and Objectives — Metropolitan
190-202-102	1	Operations Support Systems — Metropolitan
190-202-103	1	Planning and Implementation — Metropolitan
■ 190-202-110AC	1	Facility Network Control Plan — Description
190-202-201	1	Organization and Responsibilities
190-202-202	1	Operations Support Systems
190-202-203	1	Planning and Implementation
190-202-463	1	Alarm Surveillance Procedures and Responsibilities — Description
■ 190-202-510AC	1	Facility Technical Assistance Support Plan — Description — Facility Technical Assistance Group (FTAG)
190-202-760	1	73 Facility Provisioning Methods and Procedures
190-203 SFMAC (Satellite Facility Maintenance Administration Center)		
■ 190-203-101	1	MONARC (Monitor and Remote Control) User Manual

Number	Issue	Subject
190-205 SCOTS (Surveillance and Control of Transmission Systems)		
190-205-101	3	Transmission Maintenance System — General Description
190-205-102	3	Transmission Maintenance System — Central Terminal Description
190-205-103	2	Transmission Maintenance System — Remote Equipment Description
190-205-300	3	Central Terminal Operations
190-205-301	3	Data Base Planning
190-205-302	3	Data Base Management
190-205-303	3	Locally Defined Operations
190-205-500	2	System Maintenance
190-205-502	2	Remote Maintenance
■ Addendum AC	1	
■ 190-205-601AC	1	Generic 3 With Generic 4 Enhanced Operations — System Description and Operation
■ Addendum AC	1	
■ 190-205-602AC	1	Generic 3 With Generic 4 Enhanced Operations — Data Base and Program Implementation
■ Addendum AC	1	
■ 190-205-603AC	1	Generic 3 — Output Message Description
190-206 TMAS (Transport Maintenance and Administration System)		
■ 190-206-101	4	User Reference Manual
■ 190-206-103	4	Field User Reference Manual
■ 190-206-105	3	System Administrator and Maintenance Manual
■ 190-206-106	4	Data Base Administration and Operations Manual
■ 190-206-107	4	User Programmability and Report Generation Manual
■ 190-206-109	1	Output Message Manual
190-207 COMPULERT		
190-207-010	1	2CM3 Technical Description
190-207-100	1	System Administration Manual
190-207-110	1	Input/Output Messages
190-207-200	1	General Operations

Number	Issue	Subject
190-207-210	1	User Guide

190-208 TRANSVU Network Surveillance and Control Systems

TRANSVU II

Number	Issue	Subject
190-208-020	1	System Planning and Implementation Guide
■ Addendum	2	
■ 190-208-101	2	User Reference Manual (4-93)
■ 190-208-103	2	Field User Reference Manual (5-93)
■ Addendum	2	
■ 190-208-105	3	Transvu II Network Surveillance and Control System — Administration and Maintenance Manual (4-93)
Addendum	1	
190-208-106	2	Data Base Administration and Operation Manual (4-93)
■ 190-208-107	2	TRANSVU II Network Surveillance and Control System — User Programmability and Report Generation Manual
■ 190-208-109	2	Output Message Manual (8-92)

TRANSVU II Release 3.0/3.1

Number	Issue	Subject
■ 190-208-111	1	TRANSVU II Network Surveillance and Control System — User Reference Manual Rel 3.0 and 3.1 (6-93)
190-208-112	1	TRANSVU Network Surveillance and Control System 3.0 and 3.1 MAP Creation Guide
■ 190-208-113	1	TRANSVU II Network Surveillance and Control System — Field User Reference Manual — Rel 3.0 and 3.1 (6-93)
■ 190-208-114	1	TRANSVU II Network Surveillance and Control System — System Administration and Maintenance Manual (Rel 3.1)
190-208-115	1	TRANSVU II Network Surveillance and Control System — 3.0 and 3.1 System Administration and Maintenance Manual
■ Addendum	2	
■ 190-208-116	1	TRANSVU II Network Surveillance and Control System — Database Administration (2-94)
190-208-117	1	TRANSVU II Network Surveillance and Control System — User Programmability and Report Generation Manual Rel 3.0 and 3.1
■ 190-208-118	1	TRANSVU Network Surveillance and Control System — TNC User Reference Manual — Rel 3.0 and 3.1 (6-93)
■ 190-208-119	1	TRANSVU II Network Surveillance and Control System — Output Message Manual — Rel 3.0 and 3.1 (6-93)

TRANSVU II Release 3.2

Number	Issue	Subject
Addendum	1	
190-208-121	1	TRANSVU II User Reference Manual Network Surveilance and Control System 3.1.1 and 3.2
190-208-122	1	TRANSVU II Map Creation Guide Network Surveilance and Control System 3.1.1 and 3.2
Addendum	1	
190-208-125	1	TRANSVU II Network Surveilance and Control System 3.2 — Administration and Maintenance Manual
Addendum	1	
190-208-126	1	TRANSVU II Administration and Operation Manual Network Surveilance and Control System Database 3.1.1 and 3.2
■ 190-208-127	1	TRANSVU II Network Surveilance and Control System R3.1.1 & R3.2 — User Programmability and Report Generation Manual (1-94)
■ 190-208-128	1	TRANSVU II Network Surveilance and Control System R3.1.1 & R3.2 — TNC User Reference Manual (1-94)
■ 190-208-129	1	TRANSVU II Network Surveilance and Control System R3.1.1 & R3.2 — Output Message Manual (1-94)

TRANSVU-2000 Release 4.0-4.1

Number	Issue	Subject
■ 190-208-130	1	TRANSVU-2000 Network Surveilance and Control System — User Reference Manual Release 4.1 (10-94)

	Number	Issue	Subject
■	Addendum	1	
■	190-208-131	1	TRANSVU-2000 Network Surveilance and Control System — User Reference Manual Releases 4.0-4.1
■	Addendum	1	
■	190-208-132	1	TRANSVU-2000 Network Surveilance and Control System — Map Creation Manual Releases 4.0-4.1
■	190-208-133	1	TRANSVU-2000 Network Surveilance and Control System — Product Description Releases 4.0-4.1
■	190-208-134	1	TRANSVU-2000 Network Surveilance and Control System — Map Creation Manual Release 4.1 (10-94)
■	Addendum	2	
■	190-208-135	1	TRANSVU-2000 Network Surveilance and Control System — System Administration and Maintenance Manual Releases 4.0-4.1
■	Addendum	1	
■	190-208-136	1	TRANSVU-2000 Network Surveilance and Control System — Database Administration and Operations Manual Releases 4.0-4.1
■	190-208-137	1	TRANSVU-2000 Network Surveilance and Control System — User programmability and Report Generation Manual Releases 4.0-4.1
■	190-208-138	1	TRANSVU-2000 Network Surveilance and Control System — Database Administration and Operations Manual Release 4.1 (10-94)
■	Addendum	1	
■	190-208-139	1	TRANSVU-2000 Network Surveilance and Control System — Output Message Manual Releases 4.0-4.1

190-209 ACORN® Network Control System

Number	Issue	Subject
190-209-001	2	Administration and Operations Manual — 1.0.1 Documentation
190-209-002	3	Maintenance Guide
190-209-010	2	Reference Guide
190-209-020	2	Central Processor Maintenance Guide
190-209-021	2	Hub and Hub Expansion Unit Maintenance Guide
190-209-022	2	Satellite Maintenance Guide
190-209-023	2	Performance Monitor Maintenance Guide
190-209-024	1	Satellite 2 Maintenance Guide
190-209-025	1	HUB Installation Guide
190-209-026	1	Satellite 2 Installation Guide
190-209-027	1	Performance Monitor Installation Guide
Addendum	1	
190-209-101	1	Administration and Operations Manual — 1.1 Documentation

190-210 TASC (Telecommunications Alarm Surveillance and Control) System

Methods

❶	190-210-020	2	Administrative Procedures

(Alarm Reference Guide) — Network Maintenance Management

❶	190-210-050	2	No. 5 Crossbar
❶	190-210-051	1	No. 1 Crossbar
❶	190-210-052	1	Crossbar Tandem
❶	190-210-053	1	Step-by-Step System — No. 1, 350A, 355A
	190-210-054	2	Building and Power — Step-by-Step and Crossbar Switching Systems

Description, Operation, and Maintenance

190-210-101	3	System Description — Generic 1 and Generic 2
190-210-102	3	Central Description — Generic 1
190-210-103	3	Remote Equipment Description — Generic 1(G1) and Generic 2(G2)
190-210-112	1	Control Terminal Description Generic 2
190-210-300	3	Central Operations — Generic 1
190-210-301	3	Data Base Planning for Generic 1 Using E2A SAC Remotes and CDO Satellite Units
190-210-302	3	Data Base Operations — Generic 1

Number	Issue	Subject
190-210-303	3	Program Sequencer — Generic 1 and Generic 2
190-210-304	3	Generics 1 and 2 — Data Base Planning Using C1, E1, E2, and E2A APR Remotes
190-210-305	1	Application Program Operations Generics 1 and 2
190-210-310	1	Central Terminal Operations for Generic 2
190-210-311	1	Data Base Planning for Generic 2 Using E2A SAC Remotes and CDO Satellite Units
190-210-312	1	Data Base Operations — Generic 2
190-210-500	3	System Maintenance — Generics 1 and 2
190-210-600	1	System Description and Operations
190-210-601	1	Data Base and Program Implementation
190-210-602	1	Output Message Description

190-211 DACSCAN

■	190-211-201	1	DACSCAN — 2000 Operation, Administration and Maintenance Guide
■	190-211-203	1	DACSCAN — 2000 Controller
■	190-211-205	1	User Guide — Controller Operations and Administration User Guide
■	190-211-301	1	DACSCAN — 2000 User's Manual

190-215 TOPAS® (Testing Operation Provisioning Administration System)

■	190-215-000AC	1	System Description/Engineering Guidelines/Administration Guidelines
■	190-215-010	1	Network User's Guide
■	190-215-011	1.3	Network 4.1 Releate Notes
■	190-215-101AC	2	System Administration and Operation System Description
■	190-215-102AC	2	Network Testing and Maintenance — System Description
■	190-215-103AC	2	Network Administration and Routing System Description
■	190-215-111AC	2	TOPAS® User's Manual
■	190-215-301AC	2	Network Testing and Maintenance Testing Procedures
■	190-215-310AC	2	Network Administration and Routing Provisioning Procedures
■	190-215-320AC	2	System Administration and Operation Administration Procedures
■	190-215-321AC	2	Operational Maintenance Guide

190-216 CONNECTVU

■	190-216-102	1	CONNECTVU — Provisioning Guide
■	190-216-104	1	CONNECTVU — Operations Administration Guide
■	190-216-106	1	CONNECTVU — UNIX User Administration Guide
■	190-216-108	1	CONNECTVU Planning Guide
■	190-216-115	1	CONNECTVU — UNIX Trunk Maintenance Guide

190-220 RMMS (Regional Maintenance Management System)

■	190-220-000AC	1	System Documentation
■	190-220-001AC	1	Facility Testing — User's Guide
■	190-220-004AC	1	Application and Utility Programs — Description and Application
	190-220-010	1	Carrier Transmission Maintenance System (CTMS)/Trunk and Facility Maintenance System (TFMS) — Administrative Methods and Procedures
■	190-220-100AC	3	General Description
■	190-220-101AC	3	Central Description
	190-220-105	1	Carrier Transmission Maintenance System (CTMS)/Trunk and Facility Maintenance System (TFMS) — Routine Measurements
■	190-220-300AC	2	General Operating Procedures
■	190-220-301AC	3	Data Base Management
■	190-220-500AC	3	Maintenance
■	190-220-501AC	3	4M Multiplexor — Description, Operation, and Diagnostics
■	190-220-550AC	3	General Administrative Procedures
■	190-220-551AC	3	Routine Tests — Line and Multiplex Sections — Gain/Frequency Characteristics and Noise

Number	Issue	Subject
■ Appendix 1AC	3	Routine Tests — Line and Multiplex Sections — Performance Indicate Calculations
■ 190-220-552AC	1	CPMP (Carrier Performance Measurement Program) — Description and Applications
■ 190-220-572AC	2	Demand Measurements

190-3 Central Office Maintenance Management

■ 190-304-103AC	2	Controlled Automated Maintenance Scheduling (CAMS) Field User's Guide—Overview and Tasks (Vol. 1)—Screen Descriptions (Vol. 2)
■ 190-304-105AC	1	CAMS SME User Guide

190-305 COMMS (Central Office Maintenance Management System) — Preventive Maintenance

190-305-101	3	Description
190-305-102	2	Coordinators Guidelines
190-305-301	2	Equipment Inventory
190-305-302	3	Method of Handling Routine List, Scheduling Parameters, Local Routines & Local Equipment
190-305-303	2	Method of Handling Work Item List and PM Schedule
190-305-304	1	Method of Handling Work Orders
190-305-305	1	Teletypewriter Operating Procedures
190-305-306	2	Method of Handling Administrative and Summary Reports
190-305-307	2	Method of Updating

190-306 SCANS (Software Change Administration and Notification System)

◐ 190-306-010	2	System Administration
■ 190-306-100	2	High-Speed Terminal Interface
◐ 190-306-110	1	Overwrite Administration and Procedures In the Switching Control Center System — Description

190-307 COER (Central Office Equipment Reports)

■ 190-307-010	1	COER Compute Server Feature Guide

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190-4 Network Operations Systems

190-401 NSC (Network Service Center)

190-401-000	3	Information Resources Index
■ 190-401-001AC	10	Network Administration and Routing — References
■ 190-401-002AC	1	Network Administration and Routing — Call Flows
■ 190-401-003AC	3	Network Administration and Routing — Routing Methods and Procedures
■ 190-401-004AC	4	Network Administration and Routing — CNRDB/IRAS — Job Aid
❑■ 190-401-006AC	1	NSD (Network Services Division) — OSPS (Operator Service Position System) — Methods and Procedures
■ 190-401-007AC	1	Network Administration and Routing — Domain Guide
■ 190-401-011AC	2	Global Software Defined Network
■ 190-401-020AC	1	Digital Synchronous Network — Technical Description
190-401-040	2	Description

NSCs for BOCs (Bell Operating Companies)

190-401-060	1	Management Guide
■ 190-401-060AC	1	AT&T Center Management Guide
190-401-070	1	Operations Guide
■ 190-401-070AC	1	AT&T Center Operations Guide
190-401-091	1	Operational Review — Introduction
190-401-093	1	Operational Review — Organization Checklist
190-401-095	1	Operational Review — Management Checklist
190-401-097	1	Operational Review — Operations Checklist
190-401-099	1	Operational Review — Review Summary Checklist

Administration, Operation, and Maintenance

190-401-100	1	Network Service Centers
■ 190-401-101AC	1	Customer Trouble Report (CTR) — Analyzation and Trouble Clearing Procedures — Customer Trouble Report Center

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190-401-110	1	Network Task Force
■ 190-401-110AC	1	AT&T-C Long Distance Repair Service Center (LDRSC) — Functional Operation
190-401-111	1	FASTAR Platform Disaster Recovery
190-401-120	1	Area Network Service Center
■ 190-401-120AC	1	Customer Trouble Report Operations Support System (CTR OSS) — Description
■ Appendix 1AC	1	Customer Trouble Reporting Contact List
■ Appendix 2AC	1	IDDD Countries — Alphabetical by Country Code
■ Appendix 3AC	1	IDDD Countries — Numerical by Country Code
■ Appendix 4AC	1	User Messages — CTR OSS Log On Procedure
■ Appendix 5AC	1	CTR OSS Internal User Messages
190-401-130	1	Network Committee Organizations
190-401-140	1	Performance Measurement and Operational Review
190-401-150	10	Directory
190-401-230	1	Reorder Analysis
190-401-240	2	Call Disposition Data (Service Evaluation) — Operations Support Systems
190-401-241	1	SES 1A Interface With ATRS/NOTIS
190-401-250	1	Call Sampling and Hold and Trace Procedures
190-401-300	1	Equipment and Billing Accuracy Control (EBAC)
Addendum	1	
190-401-301	1	Administration Guide — Message Recording Trunk Trouble Analysis (MRTTA) System
190-401-320	2	Automated Trouble Reporting System (ATRS)
190-401-321	1	Central Unit — Operating Procedures — Automated Trouble Reporting System (ATRS)
190-401-322	1	Trouble Locating Procedures
190-401-330	1	Network Call Completion
190-401-340	1	Phase 1 — Description and Planning
190-401-352	1	Terminal Operations Guide — Mechanized Evaluation of Call Completion Anomalies (MECCA)

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NOTIS (Network Operations Trouble Information System)		
190-401-400	1	Trouble Reporting — Description and Procedures
190-401-405	1	Trouble Ticket — Description
190-401-415	1	Trouble Analysis — Introduction
190-401-420	1	Trouble Analysis — Computerized Operator Trouble Report Analysis
190-401-425	1	Trouble Analysis — Network Exception Reports
190-401-430	1	Trouble Analysis — Local Maintenance, Trend, and Special Study Reports
190-401-435	1	Trouble Analysis — Administrative Reports
190-401-440	1	Masterfile Maintenance — Introduction
190-401-445	1	Masterfile Maintenance — Switching Entity Definition (SED) Updates
190-401-450	1	Masterfile Maintenance — NPA-NXX Definition Updates
190-401-455	1	Masterfile Maintenance — Common Language Location Identification
190-401-460	1	Masterfile Maintenance — Routing Specification List (RSL) Updates
190-401-465	1	Masterfile Maintenance — Distribution Control File (DCF-1) Updates
190-401-470	1	Masterfile Maintenance — Multiple Destination Request (MDR) Updates
190-401-475	1	Masterfile Maintenance — Operator Trunk Group (OTG) Updates
190-401-480	1	Job Aid — Masterfile Maintenance
190-401-485	1	Job Aid — Masterfile Error Correction
190-401-490	1	Job Aid — Masterfile Printouts

190-402/403 LSU (Local Storage Unit) and CMDR (Centralized Message Detail Recorder)

Number	Issue	Subject
94A Customer Premises System		
▲190-402-000	3	Installation, Test and Maintenance

Number	Issue	Subject
190-402-100	3	94A LSU Descriptive Information
190-402-200	3	Identification and Preinstallation Information
190-402-250	1	Local Storage Unit (LSU) — Maintenance Support

93B Customer Premise System

▲190-403-000	1	Installation, Test and Maintenance
190-403-100	3	CMDR Description Information 93B CPS
190-403-250	1	Maintenance Support

190-404 Network Support — Electronic Tandem Network

■ 190-404-110	1	Network Control Operations Support Systems (NCOSS)

190-406 NTMS (Network Traffic Management System)

Netminder

■ 190-406-112	3	Record Base Administration Guide
■ 190-406-114	3	System Administration
■ 190-406-117	3	Page/Display Guide
■ 190-406-118	3	Commands/System Report

NMS (Network Management System) — Netherlands

■ 190-406-150	2	Netminder System Description
■ 190-406-154	2	Netminder System Administration
■ 190-406-156	2	Netminder Network Management User's Guide

No. 2 Network Traffic Management Operation System

190-406-211	--	NTMOS Complete Set
190-406-212	1.1	Record Base Administration Guide
190-406-214	1.1	System Administration Guide
■ 190-406-215	1.1	NTMOS Display User's Guide
190-406-216	1.1	Network Management User's Guide
190-406-217	1.1	Page Display User's Guide
190-406-218	1	Commands/System Responses
190-406-220	2	NTMOS System Description
190-406-222	2	NTMOS Record Base Administration
190-406-224	2	NTMOS System Administration
190-406-225	2	NTMOS Display Users Guide
190-406-226	2	NTMOS Network Management Users Guide
190-406-227	2	NTMOS Page Users Guide
190-406-228	2	NTMOS Commands/System Responses

NMS (Network Traffic Management System) — Spain

■ 190-406-230	1	System Description
■ 190-406-232	1	Record Base Administration
■ 190-406-234	1	System Administration
■ 190-406-236	1	Network Management User's Guide
■ 190-406-237	1	Page and Display User's Guide
■ 190-406-238	1	Commands and System Responses

NMS (Network Management System) — Italy

190-406-240	2	System Description
190-406-241	--	Complete Document Set
190-406-242	2	Record Base Administration
190-406-244	2	System Administration
190-406-246	2	Network Management Users Guide
190-406-247	2	Page and Display User Manual
190-406-248	2	Commands and System Responses

Reginal Network Management System (RNMS) Generic 4.0

190-406-300	1	System Description
190-406-302	1	Record Base Administration
190-406-303	1	Data Tables
190-406-304	1	System Administration Guide
190-406-306	1	Network Management User's Guide
190-406-307	1	Page Display User's Guide
190-406-308	1	Commands/System Responses
190-406-309	1	Report Users Guide

Reginal Network Management System (RNMS) Generic 5

190-406-310	1	System Description
190-406-312	1	Record Base Administration
190-406-313	1	Data Tables
190-406-314	1	System Administration Guide

Number	Issue	Subject
190-406-316	1	Network Management User's Guide
190-406-317	1	Page Display User's Guide
190-406-318	1	Commands/System Responses
190-406-319	1	Report Users Guide

190-407 FASTAR (Fast Automatic Restoration)

Number	Issue	Subject
■ 190-407-101AC	1	FASTAR RNC (Restoration Node Controller)/Element Management System Administration Manual
■ 190-407-102AC	1	FASTAR RNC (Restoration Node Controller)/Element Management System User Manual
■ 190-407-110	2	FASTAR — Operations and Maintenance Guide (OMG)
■ 190-407-111	1	FASTAR Platform Disaster Recovery Plan

190-408 MFOS (Multifunction Operations Systems)

MFOS Software Release 5.4 Documents

Number	Issue	Subject
■ 190-408-511	1	MFOS 5.4 SCS Software Installation
■ 190-408-512	1	MFOS 5.4 SCS Routine Maintenance
■ 190-408-513	1	MFOS 5.4 SCS Commands and Reports
■ 190-408-521	1	MFOS 5.4 SMS Subsystem Administration
■ 190-408-522	1	MFOS 5.4 SMS User Guide
■ 190-408-523	1	MFOS 5.4 SMS Commands and Reports
■ 190-408-524	1	MFOS 5.4 DCRS System Administration V1
■ 190-408-525	1	MFOS 5.4 DCRS User Guide V1
■ 190-408-526	1	MFOS 5.4 DCRS Commands and Reports
■ 190-408-531	1	MFOS 5.4 APS System Administration
■ 190-408-532	1	MFOS 5.4 APS User Guide
■ 190-408-533	1	MFOS 5.4 APS Commands and Reports
■ 190-408-541	1	MFOS 5.4 CCS System Administration
■ 190-408-543	1	MFOS 5.4 CCS User Guide
■ 190-408-561	1	MFOS 5.4 SDAS System Administration
■ 190-408-562	1	MFOS 5.4 SDAS User Guide
■ 190-408-563	1	MFOS 5.4 SDAS Computer Maintenance
■ 190-408-564	1	MFOS 5.4 SDAS Commands and Reports

MFOS Software Release 6.1 Documents

Number	Issue	Subject
■ 190-408-600	--	MFOS 6.1 Complete Document Set
■ 190-408-601	1	MFOS 6.1 SCS Functions — Overview and Reference
■ 190-408-605	1	MFOS 6.1 Installation Guide
■ 190-408-611	1	MFOS 6.1 SCS Software Installation — Operation and Maintenance Procedures
■ 190-408-612	2	MFOS 6.1 SCS Routine and Corrective Maintenance — Operation and Maintenance Procedures
■ 190-408-613	1	MFOS 6.1 SCS Commands and Reports
■ 190-408-621	1	MFOS 6.1 SMS Subsystem Administrator — Operation and Maintenance Procedures
■ 190-408-622	1	MFOS SMS User Guide — Operation and Maintanance Procedures
■ 190-408-623	1	MFOS SMS — Commands and Reports, Volumes 1 and 2
■ 190-408-625	1	MFOS 6.1 Multi-Tier System
■ 190-408-626	1	MFOS 6.1 DCRS Commands and Reports
■ 190-408-631	2	MFOS 6.1 APS Subsystem Administrator — Operation and Maintenance Procedures
■ 190-408-632	2	MFOS 6.1 APS User — Operation and Maintenance Procedures
■ 190-408-633	1	MFOS 6.1 APS — Commands and Reports
■ 190-408-641	1	MFOS CCS Subsystem Administrator and User — Operation and Maintenance Procedures
■ 190-408-643	1	MFOS CCS User — Operation and Maintenance Procedures
■ 190-408-651	1	MFOS 6.1 TFS Subsystem Administrator — Operation and Maintenance Procedures
■ 190-408-652	1	MFOS 6.1 TFS User — Operation and Maintenance Procedures

Number	Issue	Subject
■ 190-408-653	1	MFOS 6.1 TFS — Commands and Reports
■ 190-408-661	1	MFOS 6.1 SDAS Subsystem Administrator — Operation and Maintenance Procedures
■ 190-408-662	1	MFOS 6.1 SDAS User Guide
■ 190-408-663	1	MFOS 6.1 SDAS Computer Operator and Maintainer — Operation and Maintenance Procedures
■ 190-408-664	1	MFOS 6.1 SDAS Commands and Reports (2 Volumns)
■ 190-408-665	1	MFOS 6.1 SDAS Masks
■ 190-408-671	1	MFOS 6.1 TTS Subsystem Administrator and User — Operation and Maintenance Procedures
■ 190-408-681	2	MFOS 6.1 TNS Subsystem Administrator and User — Operation and Maintenance Procedures
■ 190-408-683	2	MFOS 6.1 TNS — Commands and Reports
MFOS Software Release 7.2 Documents		
190-408-800	--	MFOS Release 7.2 Core Document Set (-801 thru -807, -809 & -831)
■ 190-408-801	1	MFOS System Overview
■ 190-408-802	2	MFOS Administrator Tasks
■ 190-408-803	1	MFOS User Tasks
■ 190-408-804	2	MFOS Administrator Reference
■ 190-408-805	2	MFOS User Reference
■ 190-408-806	2	MFOS Administrator Output Messages
■ 190-408-807	2	MFOS User Output Messages
■ 190-408-809	2	MFOS MML Input Manual
190-408-820	--	SDAS Document Set (-821 thru -826 & -832)
■ 190-408-821	1	MFOS Configuration Management Tasks for Administrators
■ 190-408-822	1	MFOS Configuration Management Tasks for Users
■ 190-408-823	1	MFOS Configuration Management Reference for Administrators
■ 190-408-824	1	MFOS Configuration Management Reference for Users
■ 190-408-825	1	MFOS Configuration Management Input Manual
■ 190-408-826	1	MFOS Configuration Management Output Manual
■ 190-408-831	1	MFOS - Getting Started (& Job Aids)
■ 190-408-832	1	MFOS Configuration Management Autotranslation Reference
■ 190-408-833	1	MFOS Software Installation Guide

190-410 NETSTAR

Number	Issue	Subject
■ 190-410-121	1	NETSTAR 3.4 Workstation Users Guide
■ 190-410-123	1	NETSTAR 3.4 Console Users Guide
■ 190-410-301	3	NETSTAR Workstation — User Guide V3 (Gen. 3.5)
■ 190-410-303	2	NETSTAR Console Users Guide V1
■ 190-410-400	--	All NETSTAR 400 Series Documents
■ 190-410-410	--	NETSTAR Complete Set
■ 190-410-411	4	NETSTAR Workstation User Guide
■ 190-410-413	3	NETSTAR Console User Guide
■ 190-410-500	--	All NETSTAR 400 Series Documents
■ 190-410-510	--	NETSTAR Complete Set
■ 190-410-511	1	NETSTAR Workstation User Guide (Italcable Phase 2)
■ 190-410-513	1	NETSTAR Console User Guide (Italcable Phase 2)
■ 190-410-601	2	NETSTAR Workstation User Guide (Korean)
■ 190-410-603	2	NETSTAR Console User Guide (Korean)
■ 190-410-701	1	NETSTAR Workstation User Guide (Japan)
■ 190-410-703	1	NETSTAR Console User Guide (Japan)

Number	Issue	Subject

190-411 IN-SMS (Intelligent Network - Service Management System)

IN-SMS — Taiwan

■	190-411-101	2	IN-SMS Operations and Maintenance Guide - Taiwan
■	190-411-102	2	IN-SMS Administrators Task Guide - Taiwan
■	190-411-105	1	IN-SMS Instructor Guide — Phase 1 — Taiwan 5.0

IN-SMS — British Telecom

■	190-411-201	2	IN-SMS Operations and Maintenance Manual - British Telecom
■	190-411-202	1	IN-SMS Workstation Users Guide - British Telecom
■	190-411-203	1	IN-SMS Summary Workstation Users Guide - British Telecom

190-417 RAPID (Restoration And Provisioning Intrgrated Design)

■	190-417-100AC	2	Operation and Maintenance Manual (10/92)
■	190-417-110AC	1	System Administration Manual (10/92)
■	190-417-120AC	2	Database Administration Manual (10/92)
■	190-417-130AC	2	User Reference Manual (10/92)

190-420 Event Tracking Systems — ESP, BEST, UNIWORLD

ESP (Enhanced Services Platform)

■	190-420-101	2	ESP Call Receipt User's Guide (6-94)
■	190-420-102	2	ESP Maintenance Guide (6-94)
■	190-420-103	2	ESP Administrator's User's Guide (6-94)
■	190-420-104	2	ESP Network Manager's User's Guide (6-94)
■	190-420-120	1	CELB (Customer Electronic Bonding) User's Manual (7-94)

190-422 TNM (Total Network Management)

Total Network Management (TNM) 2.3 Common

■	190-422-001	1	Installation Guide
■	190-422-002	1	User Interface Guide
■	190-422-003	1	Common Platform Description
■	190-422-004	1	User Programming Guide
■	190-422-005	1	Open Programming Guide
■	190-422-006	1	Programmer's Reference Guide
■	190-422-007	1	Common Platform Input Messages

Total Network Management (TNM) 2.4 Common

■✪	190-422-008	1	TNM UNIX Tape
■✪	190-422-009	1	TNM CD ROM
■✪	190-422-010	1	TNM Comprehensive Index
■	190-422-011	2	TNM Installation Guide V1
■✪	190-422-012	2	TNM User Interface Guide
■✪	190-422-013	2	Common Platform Description
■✪	190-422-014	2	User Programming Guide
■✪	190-422-015	2	Open Programming Guide
■✪	190-422-016	2	Programmer's Reference Guide
■✪	190-422-017	2	Common Platform Input Messages
■✪	190-422-018	2	UDCI Application Guide
■✪	190-422-019	1	Engineering Guidelines
■✪	190-422-020	2	Syntax Quick Reference Guide

Total Network Management (TNM) 3.0 Common

■✪	190-422-028	1	TNM 3.0 Comprehensive Index
■✪	190-422-029	1	TNM 3.0 Installation Guide

Total Network Management (TNM) Common Multimedia

■✪	190-422-041	2.4	TNM 2.4 IDS Version - UNIX System Tape
■✪	190-422-042	2.4	TNM 2.4 IDS Version - DC-ROM
■✪	190-422-043	3.0	TNM 3.0 IDS Version - UNIX System Tape
■✪	190-422-044	3.0	TNM 3.0 IDS Version - DC-ROM

TNM Surveillance Module (TSM) 2.3

■	190-422-100	1	TSM (TNM Surveillance Module) User Guide
■	190-422-101	1	TSM Administrator Guide
■	190-422-102	1	TSM Description
■	190-422-103	1	TSM Input Messages
■	190-422-104	1	TSM Output Messages
■	190-422-107	1	TSM Transition

TSM Application Guides 2.3

■	190-422-109	1	TSM Application Guide — Contains 1AEAPS, 1A ESS, 1 ESS, 2 ESS, 2B ESS, 2STP, and 3

Number	Issue	Subject
		ESS
■ 190-422-116	1	TSM Application Guide — Contains 4EAPS, 4ESS, 4ETOC, 5EMML, and 5EPDS
■ 190-422-121	1	TSM Application Guide — Contains BILLDATS®, D5, DACS, DACS 2, DACS 3, DACS 4, DATAKIT®, DATAKIT II, DMS 10, and DMS 100
■ 190-422-131	1	TSM Application Guide — Contains GTD-5, NCP, NDB, PSS, SELF, and UDCI
■ 190-422-141	1	SCCS 13.3.1 to TNM Generic 2 Data Base Upgrade Guide
TNM Surveillance Module (TSM) 2.4		
■✇190-422-142	2	SCCS 13.3.1 to TNM Generic 2 Data Base Upgrade Guide`
■✇190-422-150	2	TSM User Guide
■✇190-422-151	2	TSM Administration Guide
■✇190-422-152	2	TSM Description
■✇190-422-153	2	TSM Input Messages
■✇190-422-154	2	TSM Output Messages
✇190-422-155	2	TSM Administrator Quick Reference Guide
✇190-422-156	1	TSM User Quick Reference Guide
■✇190-422-157	2	TSM Transition Guide
TNM Application Guides (TSM) 2.4		
■✇190-422-161	1	Application Guides 1AEAPS, 1A ESS, 1 ESS, 2 ESS, 2B ESS, 2STP, 3 ESS
■✇190-422-162	1	Application Guides 4EAPS, 4ESS, 4ETOC, 5EMML, 5EPDS
■✇190-422-163	1	Application Guides BILLDATS, D5, DACS, DACS 2, DACS 3, DACS 4, DATAKIT, DATAKIT II, DMS 10, DMS 100
■✇190-422-164	1	Application Guides GTD-5, NCP, NDB, PSS, SELF
TNM Integration Module (TIM) 2.3		
■ 190-422-200	1	TIM User Guide
■ 190-422-201	1	TIM Administrator Guide
■ 190-422-202	1	TIM Description
■ 190-422-203	1	TIM Output Messages

Number	Issue	Subject
TNM Integration Module (TIM) 2.4		
■ 190-422-210	1	TIM User Guide
■ 190-422-211	1	TIM Administrator Guide
■ 190-422-212	1	TIM Description
■ 190-422-213	1	TIM Output Messages
TNM Integration Module (TIM) 3.0		
■ 190-422-220	1	TIM User Guide
■ 190-422-221	1	TIM Administrator Guide
■ 190-422-222	1	TIM Description
■ 190-422-223	1	TIM Output Messages
■ 190-422-224	1	TIM User Quick Reference
■ 190-422-225	1	TIM Administrator Quick Reference
■ 190-422-226	1	TIM Transition Guide
■ 190-422-227	1	TIM 3.0 Engineering Guidelines
TNM/TSM/TIM Feature Packages		
■ 190-422-300	1	TNMtran Feature Package
■ 190-422-301	1	SS7(DSC) Feature Package
■ 190-422-302	1	SS7 Feature Package
■ 190-422-303	1	NTMOS Host I/F Feature Package
■ 190-422-304	1	Event Correlation Ph. 1 Feature Package
■ 190-422-309	1	4E 1B Automatic Scripts
5XPRESS™ (TNM)		
■ 190-422-322	1	5XPRESS (TNM) User Guide
■ 190-422-323	1	5XPRESS Switch Maintenance Expert 2.3 — Administration Guide
TNM/TSM/TIM Feature Packages		
■ 190-422-330	1	TNMtran Feature Package Guide
■ 190-422-331	1	Total Network Management (TNM) SS7 (DSC) Feature Package
■ 190-422-332	1	Total Network Management (TNM) TNM Integration Module (TIM) SS7 Feature Package Guide
■ 190-422-333	1	Total Network Management (TNM) NMI Feature Package Guide
■ 190-422-334	1	Total Network Management (TNM) TIM Event Collelation Feature Package Guide

	Number	Issue	Subject
■	190-422-335	1	Total Network Management (TNM) TCM Feature Package Guide
■	190-422-336	1	Total Network Management (TNM) 5ESS Switch Integrated Digital Carrier Unit (DCU)Feature Package Guide
■	190-422-339	1	Total Network Management (TNM) NMA interface Feature Package Guide
■	190-422-348	1	Total Network Management (TNM) FASS
■	190-422-352	2	5EXPRESS Switch Maintenance User Guide
■	190-422-353	2	5EXPRESS Switch Administrator User Guide
■	190-422-362	1	TIM SS7 Feature Package Guide
■	190-422-363	1	TNM NMI Feature Package Guide
■	190-422-364	1	TIM Event Correlation Feature Package Guide
■	190-422-366	1	TNM NMA Interface Feature Package Guide
■	190-422-381	1	Generalized Reports Feature Package Guide

190-5 Engineering and Administration Systems

190-510 EADAS (Engineering and Administrative Data Acquisition System)

	Number	Issue	Subject
●	190-510-020	1	Pollable Data Terminal No. 2A (PDT-2A) — Data Collection Requirements
●	190-510-060	1	Load Measurement Facilities — General Description — Network Design
●	190-510-061	3	Determination of Quantities — Network Switching Engineering
●	190-510-062	2	Individual Circuit Usage Recording Subsystem
	190-510-100	2	Description
	190-510-200	2	Descriptive Supplement for Network Maintenance
	190-510-202	1	Traffic Data Converter SD-3B213-01 — Description
	190-510-203	1	Pollable Data Terminal No. 1A (PDT-1A) SD-3B232-01 — Description
	190-510-204	2	Central Unit — Operating Procedures
	190-510-205	2	Central Unit — Trouble Sectionalizingp

Traffic Data Converters

	190-510-211	2	SD-3B213-01 — Remote Tests
	190-510-212	2	SD-3B213-01 — Tests at Converter Location
	Addendum	1	
	190-510-213	2	SD-3B213-01 — Trouble-Locating Procedures
	190-510-214	2	SD-3B213-01 — Connection Verification Tests — Using Input Pulser SD-3B221- 01
	190-510-215	2	SD-3B213-01 — Connection Verification Tests — Using Test Set SD-3B220-01
	190-510-216	2	SD-3B213-01 and SD-95968-01 — Channel Definition and Validation
	190-510-217	2	SD-3B213-01 Associated With Traffic Usage Recorder (TUR) SD-95738-01 Equipped With Individual Circuit Usage Recorder (ICUR) Through Tests From Central Control Unit (CCU)

Pollable Data Terminals — PDT-1A and PDT-2A

	190-510-221	1	PDT-1A SD-3B232-01 — Remote Tests
	190-510-222	1	PDT-1A SD-2B232-01 — Tests
	190-510-223	1	PDT-1A SD-3B232-01 — Trouble Locating Procedures
	190-510-225	1	PDT-2A With PDT-1A Output Format Used With EADAS — Description
	190-510-226	1	PDT-2A Operation With EADAS — Tests and Trouble Locating Procedures

System Information (Generic, Definitions, Maintenance, and Messages)

●	190-510-406	1	Implementation — Coordination
●	190-510-410	1	Central Control Unit Operation
●	190-510-411	1	Load EADAS Generic — Position Practice
●	190-510-412	1	Supply, Modify, and Verify System Definitions — Position Practice

	Number	Issue	Subject
❶	190-510-413	1	Maintain Magnetic Tape for Downstream Processing — Position Practice
❶	190-510-416	1	Dial Administrator Teletypewriter Operation
❶	190-510-418	1	System Definitions
❶	190-510-420	1	Surveillance Applications
❶	190-510-440	1	Operational Maintenance
❶	190-510-441	1	Operational Maintenance — System Messages Catalog
	Training Manuals and Guides		
❶	190-510-470	1	Training Administration Guide
❶	190-510-471	1	Instructor's Guide — Central Control Unit Management Training
❶	190-510-472	1	Student Manual — Central Control Unit Management Training
❶	190-510-473	1	Instructor's Guide — Central Control Unit Clerical Training
❶	190-510-474	1	Student Manual — Central Control Unit Clerical Training
	190-510-475	1	Dial Administrator's Student Manual
❶	190-510-476	1	Dial Administrator's Training Monitor's Guide
	Usage Recording		
❶	190-510-501	2	Individual Circuit Usage Recoding - General Description — No. 1
❶	190-510-504	1	Implementation — Job Ordering and Coordination — Individual Circuit Usage Recorder
❶	190-510-520	1	System Definitions — Individual Circuit Usage Recorder

190-511 EADAS 1A (Engineering and Administrative Data Acquisition System — 1A)

❶	190-511-060	2	Load Measurement Facilities — Description and Determination of Quantities — Network Switching Engineering — Operational Support Systems
	190-511-100	1	Description
	190-511-101	1	230A Repeater SD-5P001-01 — Description
	190-511-201	1	Operating Procedures
	190-511-202	2	Trouble Sectionalizing

190-512 EADAS/NORGEN (Engineering and Administrative Data Acquisition System — Network Operations Report Generator)

❶	190-512-000	1	General Description — Miscellaneous Systems
❶	190-512-005	1	NORGEN — Record Base — Management and Administration — Miscellaneous Systems
❶	190-512-010	1	NORGEN CCU Management and Administration — Miscellaneous Systems
❶	190-512-015	1	Network Terminal Operations
	Reports		
❶	190-512-020	3	1/1A ESS Switches — Description
❶	190-512-021	3	1/1A ESS Switches — Record Base, Calculation and Report Cross-Reference
❶	190-512-022	3	No. 2/2B ESS Switches — Description
❶	190-512-023	3	2/2B ESS Switches — Record Base, Calculation, and Report Cross-Reference
❶	190-512-030	3	Step-by-Step — Description
	190-512-031	3	Step-by-Step — Record Base, Calculation, and Report Cross-Reference
❶	190-512-032	3	Step-by-Step Pollable Data Terminal (PDT) — Description
❶	190-512-033	3	Step-by-Step Pollable Data Terminal (PDT) — Record Base, Calculation, and Report Cross-Reference
❶	190-512-034	4	No. 1 Crossbar — Description
❶	190-512-035	4	No. 1 Crossbar — Record Base, Calculation, and Report Cross-Reference
❶	190-512-036	3	Crossbar Tandem — Description
❶	190-512-037	3	Crossbar Tandem — Record Base, Calculation, and Report Cross-Reference
❶	190-512-038	4	No. 5 Crossbar
❶	190-512-039	4	No. 5 Crossbar — Record Base, Calculations, and Report Cross-Reference

	Number	Issue	Subject
●	190-512-040	3	Trunking — Description
●	190-512-041	3	Trunking — Record Base, Calculation, and Report Cross-Reference

190-514 SONDS (Small Office Network Data System) and PDT-2A (Pollable Data Terminal No. 2A)

●	190-514-020	1	PDT-2A — Data Collection Requirements
●	190-514-060	2	PDT-2A — Determination of Quantities
	190-514-101	3	SONDS Using PDT-2A — Description and Operation
	190-514-301	2	SONDS Using PDT-2A — Tests and Trouble Locating Procedures

190-519 NAC (Network Administration Center)

	190-519-600	1	Center Evaluation — Premises Information System (PREMIS)

190-520 COSMOS (Computer System for Main Frame Operations) — Network Administration

●	190-520-005	5	Operational Review — Procedures
	190-520-006	1	Operational Review — Generic 9.0 Procedures
	Addendum	1	
	190-520-007	2	Dedicated Inside Plant (DIP) Administration — Guidelines
●	190-520-010	1	Overview and System Reports — Telephone Number Management
	190-520-011	2	Telephone Number Aging — Telephone Number Management
●	190-520-013	2	Type and Status Changes — Telephone Number Management
●	190-520-014	1	Complex Service Order Assignment — No. 5XB and No. 5 ETS — Telephone Number Management
●	190-520-015	1	Complex Service Order Assignment — Step-by-Step Telephone Number Management
●	190-520-017	2	Text Editor (TED) — File Description, Administration, and Input Procedures for Complex Service Assignment (CSA) and Non-CSA Applications
●	190-520-020	1	Miscellaneous Number Assignment — Telephone Number Management
	190-520-021	2	COSMOS/PREMISES Information System (PREMIS) Interface — Telephone Number Management
●	190-520-030	1	Overview and System Reports — Line Equipment Management
●	190-520-032	1	Entity Loading — Line Equipment Management
	190-520-034	1	Line Equipment Transfers — Line Equipment Management
●	190-520-035	1	Assignments — Complex Service Orders — Line Equipment Management
	190-520-036	1	Class of Service Allocation — Line Equipment Management
	190-520-037	1	Service Evaluation Assignment — Description
●	190-520-040	2	General Overview — Data Base Maintenance Procedures
●	190-520-041	2	Discrepancy Identification — Data Base Maintenance Procedures
●	190-520-042	3	Discrepancy Corrective Transactions — Data Base Maintenance Procedures
●	190-520-050	1	System Backup Procedures
●	190-520-051	2	Responsibilities for Area/Dial Transfers — Description
●	190-520-060	1	Centrex Management — Guidelines
	190-520-100	2	System Description and Administration
	190-520-220	1	Frame Management — Administrative Guidelines and Procedures

190-521 RMAS (Remote Memory Administration System) and RMAP (Remote Memory Administration Position)

190-521-101	1	RMAP — Description
190-521-200	2	RMAS — Description
190-521-201	1	RMAP — Operating Procedures
190-521-202	2	RMAP — Trouble Sectionalizing
Addendum	1	
190-521-203	1	RMAP — Acceptance Tests

	Number	Issue	Subject
	190-521-211	1	RMAS — Operating Procedures
	190-521-212	1	RMAS — Trouble Isolation and Recovery Procedures
	190-521-213	1	RMAS — Acceptance Test Procedures
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190-523 SNC-2000 (Sub-Network Controller) CPro

	190-523-101	2	CPro 2000 User's Guide (2-95)

190-540 EADAS/NM (Engineering and Administrative Data Acquisition System/Network Management)

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	190-540-100	4	Description
	190-540-200	2	Descriptive Supplement for Network Maintenance
	190-540-201	2	Central Unit — Maintenance Operation Procedures
	190-540-202	1	Central Unit — Trouble Sectionalizing EADAS/NM
	190-540-203	2	Wall Display Board — Assignment Guidelines
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❶	190-540-401	1	System Description
❶	190-540-406	2	Network Exception Display Board
❶	190-540-408	1	Central Control Unit — Administrative Procedures — Operating Support Systems
❶	190-540-409	2	Load Generic Program — Position Practice
	190-540-410	2	Load, Create, Install, and Back Up the Data Base — Position Practice
❶	190-540-411	2	General Central Control Unit (CCU) Operations — Position Guide
❶	190-540-414	3	Data Base Encoding Instructions
❶	190-540-415	2	Data Base — Office and Trunking File Construction
❶	190-540-418	3	General Description CRT Display System
❶	190-540-419	4	Trunk Group Pages — CRT Display System
❶	190-540-420	1	Display System — Machine Data Displays
❶	190-540-421	3	Control Pages — Display System — Operations Support Systems
❶	190-540-422	3	Input and Monitor Pages — Cathode Ray Tube Display System — Description
❶	190-540-423	2	Exception Pages — Cathode Ray Tube Display System — Description
❶	190-540-424	3	Analysis Pages — CRT Display System — Description
❶	190-540-425	1	Machine Data Pages — CRT Display System — General Description
❶	190-540-426	1	No. 4XB Machine Data Summary — CRT Display Pages
❶	190-540-427	1	4ESS Switch Machine Data Summary — CRT Display Pages
	190-540-429	1	No. 5 Crossbar Machine Data Summary — Cathode Ray Tube Display Pages Description
	190-540-430	1	No. 1 Crossbar Machine Data Summary — Cathode Ray Tube Display Page Description
	190-540-431	1	Step-by-Step Machine Data Summary — Cathode Ray Tube Display Page Description
❶	190-540-432	2	1/1A ESS Switches Cathode Ray Tube (CRT) Display Page Description
❶	190-540-434	1	1 ESS Traffic Direction — CRT Display Page
❶	190-540-437	3	Reroute Package — Description
❶	190-540-470	1	Central Control Unit Operations — Training Administration Guide
	190-540-471	1	Instructor Guide — Central Control Unit Clerical Training
❶	190-540-472	1	Central Control Unit Operations Training

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190-701 IFFAS (Integrated Facilities and Force Administration System)

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	190-701-201	1	Trouble-Locating Procedures

Division 191

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-150/199 Central Office Operations

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-161 Automatic Message Accounting Control Center (AMACC)

-170 Recent Change Memory Administration Center (RCMAC)

-172 Work Management System (WMS)

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191-100-030	1	Network Terminal Equipment Center — Transition, Planning, and Implementation Guide
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191-100-301	1	Network Terminal Equipment Center — Operation Guides — Work Flows and Description
191-100-303	1	Network Terminal Equipment Center — Analysis of the NTEC Loading Effectiveness Report
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191-170 Recent Change Memory Administration Center (RCMAC)

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191-170-300	1	Center Operations Guide — Recent Change Memory Administration Center (RCMAC)
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193-1 Communications		
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■ 193-101-100	2.0	Call Attempt Data Collect System R2.0 Data Collection and Distribution Systems — System Management Guide
193-102 AIMS (Advanced Interactive Maintenance System)		
✇193-102-101	1	AIMS Rel 1 (An AT&T Terminal Solution for the 4ESS™ Switch) User's Guide (With SW Diskett)
✇193-102-102	1	AIMS Rel 2 User's Guide (With SW Diskett)
✇193-102-103	1	AIMS Rel 2 User's Guide (with SW diskett to upgrade from Rel 1 to Rel 2)
✇193-102-104	1	Hardware — AIMS System 7 Software Release 3 for 5ESS, 4ESS and 1A ESS Switches, and other 3B20D Applications — Software and User's Guide (3-95)
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193-102-503	1	Hardware AIMS System 2
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193-102-513	1	Hardware — AIMS System 10 Multimedia AIMS Terminal with Internal CD-ROM (3-95)
193-102-514	1	Hardware — AIMS System 11 Multimedia AIMS Terminal with External CD-ROM (3-95)

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193-102-515	1	Hardware — AIMS R3 System 12 Dedicated AIMS Terminal/Turnkey for 5ESS, 4ESS and 1A ESS Switches, and other 3B20D Applications (Includes 193-102-510 and 193-102-512) (3-95)
193-102-516	1	Hardware — AIMS R3 System 13 Multimedia AIMS Terminal with Internal CD-ROM/Turnkey for 5ESS, 4ESS and 1A ESS Switches, and other 3B20D Applications (Includes 193-102-510 and 193-102-513) (3-95)
193-102-517	1	Hardware — AIMS R3 System 14 Multimedia AIMS Terminal with External CD-ROM/Turnkey for 5ESS, 4ESS and 1A ESS Switches, and other 3B20D Applications (Includes 193-102-510 and 193-102-514) (3-95)
193-102-525	1	AT&T 577 Printer
193-102-526	1	NCR Parallel Printer
193-102-527	1	Parallel to Serial Converter
193-102-529	1	Hardware AIMS HP Laserjet IV Printer, cable, shipping, and 1 year onsite warranty

193-110 Direct Services Dialing Assignment System (DSAS)

193-110-100	4	DSAS ENAC User's Guide (1-93)
193-110-101	4	DSAS Remote User's Guide (1-93)
193-110-102	1	DSAS Administration Guide (1-93)
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193-2 Business and Industry

193-202 Banking/Investments

■ 193-202-100	3.0	AIM (AT&T Investment Modeling System) — PC User's Guide — 2.1 Version AT&T Investment Modeling Software for All Entities
193-202-103	1	AIM/UNIX®* — Release 1.0 User's guide — UNIX Version

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193-203 Finance		
■ 193-203-101	3	(FITS) Financial Information and Tracking System
■ 193-203-120	1	Budget Management Workbench (BMW) — Binder and Test)
■ 193-203-130	1	Financial Input System — User Guide
■ Addendum	3/95	
■ 193-203-131	1	Financial Input System — Error Guide
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■ 193-203-132	10/92	Financial Input System — Technical Guidelines
■ Addendum	1	
■ 193-203-135	1	AT&T Financial Input System (AFIS) Error Guide (6-93)
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■ 193-203-136	5	FCE User Specifications
■ Revision 1	9/94	Recipients Update
■ 193-203-137	2/95	AT&T Financial Input System (AFIS) Appendix A ' '
193-213 Quality		
■ 193-213-030	1	Quality Software Base Training Program Package (4 documents below)
■ 193-213-031	1	Basic Statistics and Data Analysis
■ 193-213-032	1	Quality Excellence
■ 193-213-033	1	Quality Cost Concept
■ 193-213-034	1	Building In Quality Design Considerations
■ 193-213-035	1	Enhancing Your Set of Quality Tools (CQ1007)
■ 193-213-036	1	Controlling Electrostatic Discharge (MS3107)

193-221 Application Development Workgroup (ADP)/COBOL

193-221-100	1	ADW/COBOL— User Guide
193-221-101	1	ADW/COBOL— Server Guide

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193-280 DPIC (Distributed Product Inventory Control System)		
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193-280-110	2	DPICS — User's Guide

Division 195

Interactive Documentation

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195-9 Information Delivery System (IDS)

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195-900 Information Delivery System (IDS)		
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195-900-002	6.0	AT&T Information Delivery System — Administrator Guide
195-900-003	6.0	AT&T Information Delivery System — Display Software Quick Reference
195-900-004	6.0	AT&T Information Delivery System — Authoring Software User Guide

Division 201

Central Offices Supplemental Information

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- -099 Customer Information Releases (CIRs)

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201-2 Distributing Frames
- -206/219 Protectors and Associated Connectors
- -220 Conventional Distributing Frames
- -221 Modular Distributing Frames
- -222 COSMIC® (Common Systems)

201-3 Civil Air Defense Warning Systems

201-5 Announcement Systems, Subscriber Services, Timing Circuits, Tone Supply Circuits
- -501 Subscriber Operated Time Announcement Service
- -505 No. 1 and 1B Announcement Systems
- -507 No. 3A Announcement Systems
- -508/509 No. 4A, 6A, and 9A Announcement Systems
- -511 No. 5A Announcement Systems
- -513 No. 6A Announcement Systems
- -515 No. 8A and 9A Announcement Systems
- -517 No. 11A Announcement Systems
- -518 No. 12A Announcement Systems
- -521 14A Announcement System
- -525 Announcement Administration Processor (AAP) for 4ESS™
- -570/580 Timer and Tone Circuits

201-6 Alarm Systems and Order Wires, Miscellaneous Fuse Alarms, Emergency Line and Trunk Transfer Circuits, Alerting Systems, and Telemetry
- -601 Emergency Alarm Circuits
- -604 Fuse Alarms
- -605 Major Audible Alarm
- -607 Insulation Alarm Circuits
- -610 Cable Pressure Telemetry
- -611 Cable Gas Pressure Alarm Circuits
- -612 CPMS (Cable Pressure Monitoring System)
- -613 Cable Protection Alarm
- -614/629 Alarm, Control and Distribution Circuits
- -630/634 Alarm and Control System
- -635/637 TD/TH Radio Relay System
- -639 E1 Status Reporting and Control System
- -640/642 Television, L4, and Local Order Circuits
- -643 Status Assembling System
- -644 E2 Status Reporting and Control System
- -645 Group Alerting System
- -646 Wire Circuits
- -647 E3 Alarm System
- -650/652 Emergency Line Circuits
- -653 General Telemetry Processor

201-7 Operator Training Equipment and Common Switchboard Sections

201-8 Common System Features and Circuits
- -819/844 Miscellaneous Circuits
- -850 No. 1 Trunk Concentrator

201-9 Billing Systems
- -900 AMARC (Automatic Message Accounting Recording Center)
- -901 BDT (Billing Data Transmitter)
- -902 CAMA-C (Centralized Automatic Message Accounting — Computerized)
- -903 HOBIS/CCRS (Hotel Billing Information System/Centralized Credit Refund System)
- -905 AMA (Automatic Message Accounting)
- -906 COBRA® (Customer Order Entry and Billing Revenue Administration

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201-000-005	2	Alphabetical Index for Division 201
201-001-011	16	Distributing Frames
201-001-012	2	Sequence Signal Circuit
201-001-013	4	Alarms
201-001-014	6	Recorded Announcement Systems
201-001-015	4	Dial Long Line Circuit
201-001-016	7	Coin Station Test Line

Number	Issue	Subject
201-001-017	1	Video Supervisor Signal Supply — Miscellaneous Equipment
201-001-018	5	PBX AIOD
201-001-020	7	Billing Systems
201-001-021	3	Order Wire Circuits
201-001-022	2	Group Alternating System
201-001-023	2	Emergency Line Circuit
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201-001-025	6	Miscellaneous Common System Circuits
201-001-026	5	Tone Supply Circuits
201-001-027	6	No. 1 Trunk Concentrator
201-001-028	4	Local Test Desks
201-020-001	1	Prevention of Service Interruptions and of Abnormal Maintenance Effort During Periods of Installation Activity in Central Offices
201-020-002	1	Prevention of Service Interruptions — General Installation Requirements — Attachment Section 800-614-150
201-020-003	1	Prevention of Service Interruptions Power Plant Bus Bar and Wiring General Equipment Requirements — Power Systems — Attachment Section
201-020-010	1	Prevention of Service Interruptions — Attachment WECO Handbook 0, Section 10
201-020-011	1	Prevention of Service Interruptions — Attachment WECO Handbook 0, Section 11
201-020-012	1	Prevention of Service Interruptions — Attachment WECO Handbook 0, Section 12
201-020-013	1	Prevention of Service Interruptions — Attachment WECO Handbook 0, Section 13
201-020-014	1	Prevention of Service Interruptions — Attachment WECO Handbook 0, Section 14
201-020-015	1	Prevention of Service Interruptions — Personal Injuries — Damage to Building Equipment — Attachment WECO Handbook 22, Section 10
201-020-020	1	Prevention of Abnormal Maintenance — Attachment WECO Handbook 3, Section 13
201-020-025	1	Transition Method of Procedure — Attachment WECO Handbook 22, Section 40
201-020-026	1	Power Transitions — Attachment WECO Handbook 22, Section 1
201-020-052	1	WATS Billing Quality Measurement Plan — Network Operations Methods — Common Methods
Addendum	1	
201-020-510	1	Controlled Maintenance Plan for Switching Systems — General
201-020-511	1	Central Office and Switching Control — Center Operational Reviews — General — Network Operations Methods
■ 201-021-001	1	Heat Stress Tests — Description and Methods — Stored Program Controlled Systems (SPCS)

201-099 Customer Information Releases (CIRs)

201-099-002TD	3	AT&T BILLDATS® Collector, Operations Systems
201-099-020NP	2	ARU (Alarm Relay Unit)
201-099-023TD	1	COSMIC® Distributing Frame Systems — Enhancements and Growth Methods
201-099-024TD	1	800 PGY and 800 ("Blue") Cord — 800 RGY and 800 RHY ("Orange") Cord — Distributing Frame Systems

201-1 Administrative Documents

201-102-001	5	Dial Central Office Service Index Plan — General
201-102-002	4	Dial Central Office Service Index Plan — Tables
201-110-001	1	Central Office Work Scheduling
201-114-001	6	Record of Equipment Out of Service — Administrative Sections — Supplemental Information — Central Offices

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201-200-001	3	Distributing Frames and Associated Equipment Alphabetical Index

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201-200-002	1	Cross-Connection Studies for Equipment Account Investment — Instructions and Methods
Addendum	1	
201-200-005	2	Frame Performance Measurement Plan
Addendum	1	
201-200-010	3	Frame Force Management
201-200-012	1	Conventional Distributing Frame — Frame Rehabilitation Guide
Addendum	2	
201-200-013	2	Controlled Maintenance Plan — Description
Addendum	1	
201-200-014	2	Frameworker Performance Plan
201-200-015	3	Operational Review
Addendum	1	
✇201-200-050	5	AT&T Network System Distributing Frame Systems Product Manual DFSPM (1-94) Note: Available on CD-ROM
Revision 1	2/93	
Addendum	1	
201-200-060	1	Distributing Frame Systems Practices
201-200-101	1	Incoming and Outgoing Trunk Distribution Centers in the No. 4A Toll Switching System — Description

201-206/219 Protectors and Associated Connectors

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201-206-050	1	Cable Terminating Apparatus, Selection, Distributing, and Protector Frames
201-206-101	2	C-, E-, and Similar Type Protectors Including 444-Type Jacks (301-Type Connector) — Description
201-206-102	1	C-, E-, and Similar Type Protectors Including 444-Type Jacks (301-Type Connector) Associated Cords and Plugs
201-206-301	1	C-, E-, and Similar Type Protectors — Maintaining Protectors
201-206-501	2	Protectors and Protector Mountings — C-, E- and Similar Type — Heat Coil and Protector Spring Contact Tests
201-206-701	1	444-Type Jacks — Requirements and Adjusting Procedures
201-206-801	3	C-, E-, and Similar Type Protectors Including 444-Type Jacks — Piece Part Data and Replacement Procedures
201-207-101	2	300-Type Connectors and Associated Protectors — Description
201-207-102	2	Cords, Plugs, and C Test Connector Used With 300-Type Connectors and 121- Type Protectors — Description — Conventional Main Distributing Frames
201-207-301	1	300-Type Connectors and Associated Protectors — Maintaining Protectors
201-207-801	2	300-Type Connectors and Associated Protectors and 121-Type Protectors — Repair Procedures
201-208-100	5	Plug-In Protector Units (3-, 4-, and 7-Type) (5-93)
201-208-103	2	Tools and Aids — Distributing and Protector Frames
201-208-106	4	303-, 305-, 309-, and 310-Type Connectors — Associated Cords, Plugs, and Test Connectors — Description — Conventional Distributing Frames
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201-208-107	1	302-Type Connectors — Description, Use, Installation, and Repair Procedures
Addendum	1	
201-208-108	1	303-Type Connectors — Description, Use, Installation, and Repair Procedures
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201-208-109	1	305-Type Connectors — Description, Use, Installation, and Repair Procedures
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201-208-110	5	307-Type Connectors — Description
Addendum	1	
201-208-111	1	308-Type Connectors — Description, Use, Installation, and Repair Procedures
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201-208-112	1	309-Type Connectors — Description, Use, Installation, and Repair Procedures

	Number	Issue	Subject
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	201-208-114	2	311/311L-Type Connectors — Description, Use, Installation, and Repair Procedures
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	201-208-115	1	410- and 410M-Type Unprotected Connectors — Description, Use, Installation, and Repair Procedures
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	201-208-116	1	407-Type Unprotected Connectors, Description, Use, Installation, and Repair Procedures
	201-208-803	1	KS-20100, L2 Test Set — Piece Part Replacement
A	201-210-101	1	Wideband Distributing Frame — Picturephone® Central Office — General Description
	201-211-101	2	Central Office Terminating Unit for Integrated Protection System — Description, Installation, and Maintenance
	201-215-501	2	2A Range Extender — Miscellaneous Tests
	201-216-101	1	Miniature Test/Talk System — Description — Distributing and Protector Frames
	201-216-102	1	Cords and Plugs — Description — Miniature Test/Talk System
	201-216-801	2	Miniature Test/Talk System — Piece Parts and Replacement Procedures — Distributing and Protector Frames
	201-217-101	2	2000A/V ComPanel Description, Installation, and Operation
	201-219-101	1	Protector Frames — Description
	201-219-501	1	Protector Frames — Inspections

201-220 Conventional Distributing Frames

	201-220-101	5	Description
	201-220-102	4	Types of Protection on A-Type Frames
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	201-220-105	1	Terminal Strips — Description
	201-220-301	4	Terminal Strips — Method of Making Connections
	201-220-302	2	93-Type Connecting Blocks — Description, Methods of Cross-Connecting, and Repair Procedures
	Addendum	1	
	201-220-303	4	89-Type Connecting Blocks — Description, Method of Cross-Connecting, and Repair Procedures
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201-221 Modular Distributing Frames

	201-221-101	3	Description — 1 and 2 ESS™ Switches
	201-221-102	3	Types of Protection — 1 and 2 ESS Switches
	201-221-103	2	ESS-Type Warning Markers and Guards
	201-221-105	2	ESS-Type Connecting Blocks — Description — 1 and 2 ESS Switches
	201-221-301	2	Method of Crossing-Connecting — 66G-, 66H-, 78A1, and 78B1-Type Connecting Blocks — 1 and 2 ESS Switches
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201-222 COSMIC® (Common Systems Main Inter Connecting) Distributing Frame System

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	201-222-105	3	78C- and 112-Type Connecting Blocks — Description — COSMIC II Main Distributing Frame System
	201-222-120	3	COSMIC II Mini Combined Distributing Frame — Description
	201-222-301	4	Connecting Blocks — Method of Making Connections — COSMIC I Subscriber Main Distributing Frame System

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201-222-320	1	112-Type Connecting Blocks — Method of Making Connections — COSMIC II Mini Combined Distributing Frame
201-222-501	2	COSMIC I — Main Distributing Frame System — Inspections
DC Power Distribution		
201-224-100	2	J86334A DC Power Distributing Frame — Operating Methods
201-224-101	3	J86334B, J86334C, and J86334D — DC Power Distributing Frames — Description and Operation

201-3 Civil Air Defense Warning Systems

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201-303-501	7	Dial Pulse Receiving and Control Circuit SD-95743-01 — Maximum Eight Lines and Public Signal Control Circuit SD- 95688-01 — Tests
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201-304-501	9	Dial Pulse Receiving and Code Distributing Circuit SD-95678-01 — Maximum 200 Lines and Public Signal Control Circuit SD-95688-01 — Tests
201-305-501	1	System Dialing and Pulsing Tests —Branch Circuit Dialing Test
201-306-501	2	Two-Way Signaling Repeaters — Tests
201-307-501	4	Station Line Test Using Test Circuit SD- 95746-01

201-5 Announcement Systems, Subscriber Services, Timing Circuits, Tone Supply Circuits

201-500-001	1	Interdivisional Alphanumeric Index — Announcement Systems and Related Equipment

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201-501 Subscriber Operated Time Announcement Service		
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201-501-502	1	Announcement Trunk Circuits — Tests
201-505 No. 1 and 1B Announcement Systems		
201-505-101	1	No. 1 and 1B — Time of Day Service — Description
201-505-301	1	No. 1 and 1B — Time of Day Service — Method of Tracing Alarms
201-505-302	1	No. 1 and 1B — Time of Day Service — Method of Taking Equipment Out of Service
201-505-501	2	No. 1 and 1B — Time of Day Service — Desk Circuits — Tests
201-505-502	4	No. 1 and 1B — Time of Day Service — Incoming Distributing Circuits — Tests
201-505-503	1	No. 1 and 1B — Time of Day Service — Outgoing Distributing Circuits — Tests
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201-507 No. 3A Announcement Systems		
201-507-501	1	No. 3A — Control, Volume Limit Indicator and Tape Amplifier Circuits — Tests
201-507-502	1	No. 3A — Control Circuit — Subcenter — Tests
201-507-503	1	No. 3A — Trunk Circuits and Associated Distributing Circuits — Tests
201-508/509 No. 4A, 6A, and 9A Announcement Systems		
201-508-501	2	No. 4A, 6A, and 9A —Subcenter — Distributing and Alarm Circuits — Tests
201-509-501	2	No. 4A — Distributing and Alarm Circuits — Tests — Common Systems
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201-511-301	1	No. 5A — Operation
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201-513 No. 6A Announcement Systems		
201-513-501	4	No. 6A Machine Intercepting Control Circuit — Tests
201-513-502	1	No. 6A — Machine Intercepting — Distributing and Alarm Circuit — Tests
201-515 No. 8A and 9A Announcement Systems		
201-515-501	2	No. 8A and 9A — Tests
201-517 No. 11A Announcement Systems		
201-517-501	1	No. 11A — Tests
201-518 No. 12A Announcement Systems		
201-518-101	2	No. 12A SD-26435-01 — Description, Operation, and Maintenance — Common Systems
201-519 No. 13A, 13A+, and 14A Announcement Systems		
■ 201-519-012	1	Announcement System Manager (ASM) Plus User Guide (1-95)
201-519-101	4	No. 13A — Description and Operating Procedures — Common Systems
201-519-102	1	No. 13A+ Announcement System — Description and Operating Procedures
201-519-103	1	No. 13A+ Announcement System — Description and Operating Procedures (Multiweight Format)
201-519-110	2	13A/14A Remote Record Unit (ALD3) — Description and Operating Procedures (6-92)
201-519-120	1	13A/14A Remote Record Concentrator — Description and Operating Procedures (6-92)
201-519-301	2	No. 13A SD-97753-01 — Operating, Testing, and Trouble Analysis Procedures — Common Systems
201-520 CSRAF (Common Systems — Recorded Announcement Frame)		
201-520-101	5	SD-97725-01, SD-97725-02, SD-97725-03, and SD-97725-04
201-520-301	4	SD-97725-01, SD-97725-02, and SD-97725- 03 — Operating Procedures
201-520-501	3	SD-97725-01 and SD-97725-02 — Tests and Trouble Analysis
201-520-701	4	SD-97725-01, SD-97725-02, SD-97725-03, and SD-97725-04 — Requirements and Adjusting Procedures
201-520-801	5	SD-97725-01, SD-97725-02, and SD-97725- 03 —Piece-Part Data and Replacement Procedures
201-521 14A Announcement System		
201-521-101	5	14A Announcement System — Description and Operating Procedures — Common Systems
201-522 15A Announcement System		
201-522-101	3	15A Announcement System — Description and Operating Procedures — Common Systems (11-94)
201-525 Improved Service Announcements and Information Collection (ISAIC) for 4ESS™		
■ 201-525-010AC	1	ISAIC System Description
■ 201-525-012AC	2/92	Announcement Administration Processor (AAP) Administration Guide
■ 201-525-014AC	2/92	AAP Operations Manual
■ 201-525-016AC	2/92	AAP Troubleshooting Guide
■ 201-525-018AC	2/92	AAP Growth and Additions for Field Site
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201-570-501	1	5A Timer — Tests

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201-578-501	7	Tone Detector Circuit SD-94800-01 — Tests and Adjustments
201-578-502	3	8A and 8B Tone Detectors (J94008A) (J94008B) — SD-99551-01 Tests and Adjustments — Common Systems
201-579-501	3	Test Progress Tone Circuit SD-96603-01 — 2225-Hz Supply and Distributing Circuit — Tests
201-580-301	1	No-Such-Number Tone Supply Alarm Procedures, Manual Transfer and Trouble Clearing Procedures
201-580-501	1	No-Such-Number Tone Supply Circuits — Tests

201-6 Alarm Systems and Order Wires, Miscellaneous Fuse Alarms, Emergency Line and Trunk Transfer Circuits, Alerting Systems, and Telemetry

201-601 Emergency Alarm Circuits

201-601-101	3	Description
201-601-501	2	SD-90642-01 — Separate Incoming Alarm From Distant Office — Tests
201-601-502	4	SD-90641-01 or SD-96052-01 Arranged for Automatic Fire Detection — Single Zone — Tests
201-601-503	6	SD-90560-01 or SD-96049-01 Arranged for Zone Indicating Lamps and Automatic Fire Detection — Multi-Zone — Tests
201-601-504	3	SD-90437-01 — Arranged for Code Signaling and Automatic Fire Detection — Tests
201-601-600	4	Alarm Relay Unit (ARU) — User Manual
201-601-605	1	Alarm Alerting Unit — Technical Description

201-603 Fire Drill Alarm

201-603-501	1	Fire Drill Alarm Circuit SD-90086-01 Tests

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201-604 Fuse Alarms

201-604-501	3	Fuse Alarms for Miscellaneous Circuits — Tests

201-605 Major Audible Alarm

201-605-501	1	Major Audible Alarm Circuit SD-95798-01 Arranged for Coded Signaling — Miscellaneous Tests

201-607 Insulation Alarm Circuits

201-607-301	2	Cable Insulation Alarm Circuit SD-96348- 01 — Method of Operation and Alarm Procedures
201-607-501	2	Cable Insulation Alarm Circuit SD-96348- 01 — Tests
201-609-501	2	Low Insulation Alarm Circuit SD-62489- 01 — Tests

201-610 Cable Pressure Telemetry

201-610-301	3	Central Control — Description and Operation — Toll Cable Pressure Transducer System
201-610-302	1	Central Control and Cable/Transducers — Trouble Locating Procedures
201-610-311	3	KS-20537, L1 Moduprinter and AP-20 Printer — Description, Operation, and Maintenance
201-610-501	5	Central Control — Test and Trouble Analysis Procedures

201-611 Cable Gas Pressure Alarm Circuits

201-611-501	3	Cable Gas Pressure Alarm Circuit SD-90412- 01 — Cable Protection Alarm Circuit SD-95025-01 and Calling-In Signal — Tests

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201-612-101	3	Remote and Satellite Terminals (SD- 7C000-01, SD-2P035-01) — Description
201-612-301	4	Remote Terminal (SD-7C000-01) — Trouble Locating and Alignment Procedure
201-612-302	3	Remote Terminal SD-7C000-01 — Cross- Connections
201-612-311	4	Satellite Terminal SD-2P035-01 — Trouble Locating Procedures
201-612-312	2	Satellite Terminal SD-2P035-01 — Cross- Connections
201-612-313	1	Remote Terminal Test Set (J1C013AD, L1) — Description and Operations
201-613 Cable Protection Alarm		
201-613-501	2	Cable Protection Alarm and Calling-In Signal Circuit SD-55211-01 — Tests
201-614/629 Alarm, Control and Distribution Circuits		
201-614-501	1	60 I.P.M. Interrupter Alarm and Distribution Circuit SD-63899-01 or SD-63899- 02 for Teletypewriter Equipment — Tests
201-615-301	1	Alarm Receiving Circuit SD-95418-01 — Taking Equipment Out of Service
201-615-501	1	Alarm Receiving Circuit SD-95418-01 — Tests
201-616-101	1	Centralized Status, Alarm and Control System — Description
201-620-301	2	Audible and Visual Maintenance Alarm Equipment NS-01046-01 — Operating Methods, Alarm Procedures, Adjustment Procedures, and Trouble Locating Procedures
201-620-501	2	Central Office Audible and Visual — Maintenance Alarm Equipment NS-01046-01 — Tests
201-625-101	2	Telephone Order Wire Circuit SD-62476- 011 — Selective Signaling — Description
201-626-101	1	Telephone Order Wire Circuit SD-55320- 01 — 600-1500 Cycle Selective Signaling — Description
201-626-501	2	Telephone Order Wire Circuit SD-55320- 01 and ES-55572-01 — 600-1500 Cycle Selective Signaling — Tests
201-627-101	1	600-1500 Cycle Selective Signaling Systems — Description
201-628-101	1	Alarm Trunk Circuit SD-64542-01 for Use Between Main and Auxiliary Repeater Stations Description
201-629-501	2	Alarm Trunk Circuit SD-64542-01 —Alarm Trunk Control Circuit SD-55055-01 — Alarm Trunk Switching Circuit SD-55859-01 — Alarm Trunk Station Selecting Circuit SD-55860-01 — Tests
201-630/634 Alarm and Control System		
201-630-010	2	B1 Alarm Indicator Record Forms — Description
201-630-101	1	B1 — Description
201-630-301	4	B1 — Method of Operation
201-631-010	1	C1 — Forms and Records
201-631-101	4	C1 Order-Wire Circuit — Description
201-631-501	4	C1 — Tests
201-632-010	1	Alarm Indication Log — Form E-3870 — Description
201-633-301	1	D1 Order Wire Circuit — Substation and Main Station Units — Analysis and Clearance of Trouble
201-633-501	1	D1 — Out-of-Service Tests
201-634-501	2	D2 Order Wire Circuit — Out-of-Service Tests
Distributed Monitoring and Control System (DMACS)		
■ 201-634-601	2	DMACS Engineering Reference Manual (4/94)
■ 201-634-602	2	DMACS Installation, Operation and Maintenance Manual (4/94)
■ 201-634-999	1	DMACS Quick Reference Card
201-635/637 TD/TH Radio Relay System		
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201-635-501	3	Sequence Signaling and Order Circuits — Tests

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201-636-501	2	Remote Control Sending and Receiving Directors and Associated Sequence Signaling Circuits — Tests
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201-637-501	1	Distribution Fuse, Individual, Audible, and Visual Alarm Circuit SD-56230-01

201-639 E1 Status Reporting and Control System

201-639-100	1	General Description
201-639-300	1	Operation
201-639-501	1	Initial Trouble Diagnoses — Central Station
201-639-503	3	Troubleshooting Procedures — Central Station
201-639-504	4	Troubleshooting Procedures — Remote Station (J92615B1 and J92615B2)

201-640/642 Television, L4, and Local Order Circuits

201-640-501	2	Television Order Circuits and Associated Equipment — Tests
201-641-101	1	L4 Order Circuit (L40C) and Express Order Circuit (XOC) — Description
201-642-101	1	Local Order Circuit (LOC) — Cablemans Order Circuit (COC) — Description

201-643 Status Assembling System

201-643-101	2	Description
201-643-301	2	Maintenance and Trouble Procedures
201-643-501	1	Tests and Inspection — SD-5G144, SD- 5G143, and SD-5G139

201-644 E2 Status Reporting and Control System

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201-644-100	4	Description — Overall System
201-644-110	2	Multidirectional Data Regenerator — Description
201-644-111	2	Alarm Reporting Remote — Description
201-644-112	3	Manual Alarm Central — Description
201-644-113	1	Status Polling Central — Description
201-644-114	1	Status Reporting Remote — Description
201-644-142	1	Remote Call-up Test Set — Description, Operation, and Maintenance
201-644-312	4	Manual Alarm Central Operating Procedures
201-644-501	3	Initial Trouble Diagnoses
201-644-503	5	Manual Alarm Central — Troubleshooting Procedures
201-644-504	6	Alarm Reporting Remote — Troubleshooting Procedures
201-644-510	1	Troubleshooting Procedures — Multidirectional Data Regenerator
201-644-511	1	Troubleshooting Procedures — Status Reporting Remote
201-644-513	1	Troubleshooting Procedures — Status Polling Central
201-644-550	1	Remote Station Connections and Central Station Display — Overall System — Tests — Interconnection and Display

201-645 Group Alerting System

201-645-501	2	Group Alerting System J95421 SD-95883- 01 and SD-95884-01 — Tests

201-646 Wire Circuits

201-646-101	4	4-Wire — General Purpose SD-1C245-01 — Description
201-646-501	4	4-Wire — General Purpose SD-1C245-01 — Tests

201-647 E3 Alarm System

Addendum	1	
201-647-100	1	Description
201-647-101	2	E3 Alarm Central — Description
201-647-301	2	E3 Central (J1P030A) Operation
201-647-500	3	Initial Trouble Diagnosis
201-647-501	2	E3 Central — Maintenance

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201-650/652 Emergency Line Circuits		
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201-651-501	1	Lines Arranged for Manual Completion of Emergency Calls — Operation Test
201-652-501	1	Emergency Line Circuit SD-95336-01 — Tests
201-653 General Telemetry Processor		
201-653-010	1	Telemetry Products — User Manual
201-653-011	2	General Telemetry Processor (GTP) — System Documentation
201-653-012	1	Telemetry Products — User Manual for Support Personnel
E2A Telemetry		
201-653-100	2	Electromagnetic Interference Warnings
201-653-102	4	Switching Control Center System — Description
201-653-103	1	Cable Pressure Monitoring System (CPMS) — Description
201-653-104	3	Status and Command Remote Applications — Description
201-653-105	1	SCOTS-C1 Interface Remote — Description
201-653-106	1	No. 4ESS™ Network Management Central and Remote — Description
201-653-107	1	CDO Satellite Remote — Description and Maintenance
201-653-108	1	No. 4ESS — Combined Maintenance Operations — Center Description
201-653-109	1	Digital Alarm Scanner (DAS) — Description
201-653-110	3	Advanced Telemetry Processor — Description and Operations
201-653-111	1	General Telemetry Processor — Description and Operations
201-653-122	3	Alarm Processing Remote (APR) — System Description
201-653-502	5	Switching Control Center — Central and Remote Maintenance
201-653-503	1	Cable Pressure Monitoring System — Telemetry-to-Computer Translator and Remote Maintenance
201-653-504	3	Status and Command Remote and Telemetry-to-Computer Translator — Tests
201-653-505	1	SCOTS-C1 Interface Remote and TCT — Maintenance
201-653-506	1	No. 4ESS Network Management Central and Remote Maintenance
201-653-508	1	No. 4ESS — Combined Maintenance Operations Center (CMOC) — Maintenance
201-653-509	2	Digital Alarm Scanner (DAS) — Maintenance
201-653-510	2	Advanced Telemetry Processor (ATP) — Maintenance
201-653-511	1	General Telemetry Processor — Maintenance
201-653-520	1	Telemetry Maintenance — Common Product Line Consideration
201-653-522	3	Alarm Processing Remote (APR) — Maintenance
201-653-530	1	Telemetry Customer Application Guide — Planning and Remote Selection
201-7 Operator Training Equipment and Common Switchboard Sections		
201-701-501	1	Operator Keypulsing Drill Circuit — Tests
201-702-501	1	Operator Training Circuit — CAMA Training Equipment — Tests
201-705-501	3	Key Monitoring Circuit SD-96314-01 — MF and DC Keypulsing — DSA, Toll and CAMA Switchboards — Tests
201-710-301	1	Location of Crosses and Grounds in Switchboard Multiple
201-711-301	1	Removing Foreign Materials From Switchboard Jacks Using Tool Kit Per KS-6527
201-712-501	3	Idle Trunk Indicating, Group Busy, and Answering Lamp Circuits — Tests

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201-715-501	3	MF Keyset Circuit No. 13C, 13D, 14C, 15C and 15D Switchboards — Output Level — O DBM Per Frequency — Tests
201-715-502	1	MF Keyset Circuit No. 13C, 13D, 14C, 15C, and 15D Switchboards — Output Level — 3 DBM Per Frequency — Tests
201-715-503	1	MF Keyset Circuit No. 13C, 13D, 14C, 15C, and 15D Switchboards — Output Level — 8 DBM Per Frequency — Tests
201-715-504	1	MF Keyset Circuits No. 13C, 13D, 14C, 15C, and 15D Switchboards — Output Level -6 DBM Per Frequency — Test
201-720-501	1	Coin Zone Operator Trunk Circuit SD- 95851-01 — Tests Using Trunk Test Circuit SD-95875-01

201-8 Common System Features and Circuits

201-819/844 Miscellaneous Circuits

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201-820-301	1	Touch-Tone Calling Receiving Circuit (J99266) — Trouble-Location
201-821-301	2	Touch-Tone Calling-Receiving Circuit J99289 — SD-98148-01 — Trouble Location
201-822-301	2	Use of Compensating Resistance — Revertive and PC1 Pulsing Circuits
201-825-501	1	Private Line Conference Circuits With or Without Amplifiers — Tests
201-825-502	2	Private Line Conference Circuit SD-96391- 01 — Transmission Tests
201-826-501	4	Auxiliary Line Circuit SD-99439-01 — Arranged for Measured Rate INWATS Service — Operation Tests
201-828-501	3	Remote Testing Features SD-99308-01, SD-99311-01 — Far-End and Extended Remote Tests From Far-End — Tests and Trouble Locating Procedures — No. 14 and No. 16 Local Test Desk
201-828-502	4	Remote Testing Features and Circuits — SD-99309-01 and SD-99310-01 Near- End and SD-97559-01 Near to Far-End Tests and Trouble Locating Procedures — No. 14 Local Test Desk and No. 16 Local Test Desk
201-828-503	2	Local Test Desk (LTD) No. 14 — Test and Trouble Locating Procedures
201-828-504	1	Local Test Desk (LTD) No. 16 — Tests and Trouble Locating Procedures
201-828-505	2	Local Test Cabinet No. 3 — Tests and Trouble Locating Procedures
201-829-501	1	U1 Carrier SD-1C151-01 — Central Office Unit — Test
201-830-301	1	Automatic Identified Outward Dialing Equipment — General Maintenance Procedures
201-830-501	3	Alarms — Operation Tests — PBX Automatic Identified Outward Dialing Type A1 Equipment
201-831-501	4	Automatic Identified Outward Dialing, Type A2 — Alarm Tests and Operation Tests Using Station Identification Test Circuit SD-1C235-01
201-832-501	1	Dial Long Line Circuit SD-96588-01 — Test
201-832-502	5	Dial Long Line Circuits — SD-96589-01 — 96590-01 — 96591-01 — Tests Using Test Position SD-96594-01
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201-833-501	7	Coin Station Test Line SD-1C297-01 — Tests and Trouble Locating Procedures
201-836-501	1	Video Supervisory Signal Supply Circuit SD-27909-01 Associated With Wideband Remote Switch Circuit SD-27900-01 — Tests
201-838-101	2	Remove Office Test Line (ROTL) — Control Panel — Description and Operation — Common Systems
201-838-701	1	Remote Office Test Line (ROTL) Control Panel — E6 Repeater Adjustment

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Addendum	1	
201-840-501	2	Apartment Door Answering Service (ADAS) — ST-596038 — Central Office Tests
201-840-502	1	Apartment Door — Answering Service (ADAS) — NS-02506-01 — Central Office Tests
201-841-301	1	Calendar and Clock Circuit SD-68591-01 — Clock Setting
Addendum	1	
201-842-100	1	Common Systems Message Printer SD- 94865-01 — Description, Operating Procedures, and Maintenance
201-843-501	2	Busy Line Verification — Limiting Amplifier SD-97761-01 — Transmission Tests
201-844-100	2	97A Control Unit — Description and Maintenance

201-850 No. 1 Trunk Concentrator

201-850-101	3	No. 1 Trunk Concentrator — Description
201-850-501	1	No. 1 Trunk Concentrator Circuit SD-97569- 01 — Tests
201-850-502	2	Outgoing Trunk Circuit to AIC SD-97570- 01 — Transmission Tests — No. 1 Trunk Concentrator
201-850-503	3	Outgoing Trunk Circuit to ACD SD-97578-01 — Direct Trunk or Via No. 1 TSPS — Transmission Tests — No. 1 Trunk Concentrator
201-850-504	1	Trunks Terminating on No. 1 Trunk Concentrator — Incoming Trunk Frame — Trunk Transmission Tests
201-850-505	2	Outgoing Trunk Circuit to No. 23-Desk SD-97578-01 — Direct Trunk or Via No. 1 TSPS — Transmission Tests — No. 1 Trunk Concentrator
201-850-506	1	Outgoing Trunk Circuit SD-97578-01 to No. 1 ESS With CAMA — Transmission Sets — No. 1 Trunk Concentrator
201-850-511	3	Outgoing Trunk Circuit SD-97570-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
201-850-512	2	Incoming Intercept ANI Trunk Circuit SD- 97571-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
201-850-513	2	Incoming Intercept ONI-1 Trunk Circuit SD-97572-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
201-850-514	4	Incoming Intercept ONI-3 Loop Signaling Trunk Circuit SD-97573-01 — Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
201-850-515	4	Incoming Intercept ONI-3 E and M Lead Signaling Trunk Tests Using Portable Test Set J94747A — No. 1 Trunk Concentrator
201-850-521	4	Incoming Trunk Circuit SD-97577-01 for Directory Assistance Traffic — Tests Using Portable Test Set SD-97576-01 (J94747A) — No. 1 Trunk Concentrator
201-850-522	3	Outgoing Trunk SD-97578-01 — Tests Using Portable Test Set SD-97576-01 (J94747A) — No. 1 Trunk Concentrator

201-9 Billing Systems

201-900 AMARC (Automatic Message Accounting Recording Center)

	201-900-010	2	Operation, Maintenance, and Management — No. 1 AMARC
❶	201-900-030	2	Introduction to Nongeneric Parameter Data (NPD) and Instructions for Preparation of NPD Forms — No. 1A AMARC, Generics 3 and 4
❶	201-900-031	2	Reproducible Nongeneric Parameter Data (NPD) Forms — No. 1 AMARC, Generics 3 and 4
	Addendum	1	
❶	201-900-032	1	Call Data Accumulator (CDA) Translations — No. 1A AMARC, Generic 3

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❶	201-900-033	2	Billing Data Transmitter (BDT) Translations — No. 1A AMARC, Generics 3 and 4
❶	201-900-034	2	No. 3 ESS Sensor Translations for No. 1A AMARC, Generics 3 and 4
❶	201-900-035	2	Call Data Transmitter (CDT) Translations — No. 1A AMARC, Generics 3 and 4
	Addendum	2	
❶	201-900-036	1	No. 5 Electronic Tandem Switching and Voice Storage System Translations — No. 1A AMARC, Generics 3 and 4
	Addendum	1	
❶	201-900-037	1	No. 2B and No. 5 Electronic Switching Systems — Translations — No. 1A AMARC, Generic 4
❶	201-900-050	2	Introduction to Nongeneric Parameter Data (NPD) — Required — No. 1 and 1A AMARC
❶	201-900-051	2	Physical Description — No. 1 AMARC
❶	201-900-052	2	Description of Nongeneric Parameter Data (NPD) Tables — No. 1 AMARC
❶	201-900-053	2	Call Data Accumulator (CDA) Translations — No. 1 AMARC
❶	201-900-054	2	Billing Data Transmitter (BDT) Translations — No. 1 AMARC
❶	201-900-055	2	Preparation of Nongeneric Parameter Data (NPD) Forms — No. 1 AMARC — General
❶	201-900-056	2	Preparation of Nongeneric Parameter Data (NPD) Forms — Common Parameters — No. 1 AMARC
❶	201-900-057	2	Preparation of Nongeneric Parameter Data (NPD) Entity Parameters — No. 1 AMARC
❶	201-900-058	2	Preparation of Nongeneric Parameter Data (NPD) Forms — Channel Parameters — No. 1 AMARC
❶	201-900-059	2	Preparation of Nongeneric Parameter Data (NPD) Forms — Special Number Parameters — No. 1 AMARC
❶	201-900-060	2	Reproducible Nongeneric Parameter Data (NPD) Forms — No. 1 AMARC
❶	201-900-061	2	Nongeneric Parameter Data — No. 1 AMARC Dump Messages
❶	201-900-062	2	Nongeneric Parameter Data (NPD) — Other No. 1 AMARC Administrative Records
❶	201-900-063	2	Administrative Considerations for Growth and Rearrangements — No. 1 AMARC
❶	201-900-070	1	Introduction to Nongeneric Parameter Data (NPD) — Required for No. 1A AMARC- Generic 2 — Billing Systems — Supplemental Information — Central Offices
	201-900-071	1	Physical Description — No. 1A AMARC, Generic 2 — Supplemental Information — Central Offices
❶	201-900-072	1	Description of Nongeneric Parameter Data (NPD) Tables — No. 1A AMARC, Generic 2
❶	201-900-073	1	Call Data Accumulator (CDA) Translations — No. 1A AMARC
❶	201-900-074	1	Billing Data Transmitter (BDT) Translations — No. 1A AMARC
❶	201-900-075	1	Preparation of Nongeneric Parameter Data (NPD) Forms — No. 1A AMARC — General
❶	201-900-076	1	Preparation of Nongeneric Parameter Data (NPD) Forms — Common Parameters — Generic 2 — Supplemental Information — Central Offices
❶	201-900-077	1	Preparation of Nongeneric Parameter Data (NPD) Entity Parameters — No. 1A AMARC — Generic 2
❶	201-900-078	1	Preparation of Nongeneric Parameter Data (NPD) Forms — Channel Parameters — No. 1A AMARC
❶	201-900-079	1	Preparation of Nongeneric Parameter Data (NPD) Forms — Special Number Parameters — No. 1 AMARC
❶	201-900-080	1	Reproducible Nongeneric Parameter Data (NPD) Forms — No. 1A AMARC, Generic 2
❶	201-900-081	1	Nongeneric Parameter Data — No. 1A AMARC Dump Messages
❶	201-900-082	1	Nongeneric Parameter Data (NPD) — Other No. 1A AMARC Administrative Records

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❶	201-900-083	1	Administrative Considerations for Growth and Rearrangements
❶	201-900-084	1	No. 3 ESS Terminal Translations — No. 1A AMARC
	201-900-101	2	No. 1 AMARC — Description
	201-900-102	2	230A Repeater SD-5P001-01 — No. 1 and No. 1A AMARC
	201-900-103	2	Description — No. 1A AMARC, Generics 1, 2, and 3
	201-900-104	1	No. 1A AMARC, Generic 4 Description
	201-900-300	2	Software Growth Procedures — No. 1 AMARC
	201-900-301	2	Routine Procedures — No. 1 AMARC
	201-900-302	2	Operating Procedures — No. 1 AMARC, Generic 3, 4, and 5
	201-900-303	2	Emergency Procedures — No. 1 AMARC
	201-900-304	2	Fault Isolation Procedures — No. 1 AMARC
	201-900-305	3	Date and Time Change Procedures — No. 1 AMARC
	201-900-306	3	Data Set Interface and Auxiliary Functions (DSIAF) Diagnostics — Loading Procedure and Interpretation — No. 1 AMARC
	201-900-307	3	Nongeneric Parameter Data Procedures — No. 1 AMARC
	201-900-308	1	Operator Analysis of System Related Trouble Messages — No. 1 AMARC
	201-900-309	2	Operator Analysis of Step-by-Step Channel Troubles — No. 1 and No. 1A AMARC
	201-900-310	2	Operator Analysis of BDT Channel Troubles — No. 1 and No. 1A AMARC
	201-900-313	1	Operator Analysis of the No. 5 Crossbar Electronic Translator System (ETS) and Local Automatic Message Accounting — Computer (LAMA-C) — Channel Troubles — No. 1 and No. 1A AMARC
	201-900-314	1	Operator Analysis of No. 3 Electronic Switching System (ESS) Channel Troubles — No. 1 and No. 1A AMARC
	201-900-315	1	Call Data Transmitter (CDT) — Operator Analysis of Channel Troubles — No. 1A AMARC
	201-900-321	2	Routine Procedures — No. 1A AMARC, Generics 2 and 3
	201-900-322	2	Operating Procedures — No. 1A AMARC, Generics 2 and 3
	201-900-323	1	Emergency Procedures — No. 1A AMARC, Generics 1, 2, and 3
	201-900-324	1	No. 1A AMARC — Fault Isolation Procedures, Generics 1, 2, and 3
	201-900-325	1	Date and Time Change Procedures — No. 1A AMARC, Generics 1, 2, and 3
	201-900-326	1	Data Set Interface and Auxiliary Functions (DSIAF) Diagnostics — Loading Procedure and Interpretation — No. 1A AMARC, Generics 1 and 2
	201-900-327	1	Nongeneric Parameter Data Procedures — No. 1A AMARC, Generics 1, 2, and 3
	201-900-328	1	Operator Analysis of System Related Trouble Messages — No. 1 AMARC
	Addendum	2	
	201-900-330	1	RP06 Disk — Description and Operating Procedures — No. 1A AMARC
	Addendum	1	
	201-900-331	1	Diagnostic Loading Procedure — No. 1A AMARC, Generic 3
	201-900-340	1	Acceptance Tests — No. 1 AMARC, Generic 3
❶	201-900-610	2	Common Systems — Network Switching Engineering — No. 1A AMARC, Generic 2
❶	201-900-611	1	Common Systems — Network Switching Engineering — No. 1A AMARC, Generic 3
❶	201-900-612	1	Common Systems — Network Switching Engineering — No. 1A AMARC, Generic 4
	201-900-700	1	Prebilling Failure Performance Reporting — Message Billing Failure Processing

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201-901 BDT (Billing Data Transmitter)		
Addendum	1	
201-901-101	3	Description
201-901-301	4	Trouble Sectionalizing
201-901-302	3	Central Office AMA Equipment With Billing Data Transmitter (BDT) — Precautionary Measures — Common Systems
Addendum	2	
201-901-501	2	Recorder and Recorder Connector Circuit SD-25872-01 — Operation Tests for Offices Equipped With Billing Data Transmitters
Addendum	1	
201-901-502	4	Acceptance Tests
201-902 CAMA-C (Centralized Automatic Message Accounting — Computerized)		
201-902-010	2	Operation, Maintenance, and Management — No. 4 Crossbar and Crossbar Tandem Offices
201-902-101	2	Description Information — 4A, 4M Toll, and Crossbar Tandem Offices
❶ 201-902-200	1	Line and Trunk Administration — 4A, 4M, and Crossbar Tandem Offices
Addendum	1	
201-902-301	2	Emergency Action Procedures — 4A, 4M Toll, and Crossbar Tandem Offices
201-902-302	2	Multiplexor/Scanner Trouble Locating and Test
Addendum	1	
201-902-303	2	Recent Change Procedures — 4A, 4M Toll and Crossbar Tandem Offices
201-902-304	2	Hourly and Daily Maintenance Reports — Procedures and Message Interpretation — 4A, 4M Toll and Crossbar Tandem Offices
201-902-305	2	Time Change Procedures
201-902-306	3	Generic Program Overwrites and Application of Broadcast Warning Change Notices — 4A, 4M Toll and Crossbar Tandem Offices
201-902-307	2	Disk Handling Procedures
201-902-308	2	Remote Teletypewriter — Description, Operation, and Maintenance — 4A, 4M Toll and Crossbar Tandem Offices
201-902-309	3	Monitoring Tests — 4A, 4M Toll, and Crossbar Tandem Offices
Addendum	2	
201-902-310	2	Program Loading Procedures — 4A, 4M Toll and Crossbar Tandem Offices
201-902-501	4	Routine Tests and Operations — 4A, 4M Toll and Crossbar Tandem Offices
201-902-502	2	Recorder and Recorder Connection Circuit SD-25872-01 Tests — 4A, 4M Toll and Crossbar Tandem
201-902-503	2	Equipped With ANIS or MECCA Feature Tests — 4A, 4M Toll and Crossbar Tandem Offices
201-903 HOBIS/CCRS (Hotel Billing Information System/Centralized Credit Refund System)		
Addendum	1	
201-903-101	2	Description for Generic 1
201-903-102	1	Description for Generic 2
201-903-301	4	Emergency Action and Restoration Procedures for Generics 1 and 2
201-903-302	4	Routine Operating Procedures for Generics 1 and 2
201-903-303	2	Trouble Sectionalizing for Generics 1 and 2
201-903-501	1	Maintenance Test Procedures
201-903-503	2	Acceptance Tests for Generic 2
201-905 RICS (Recorded Information and Collection System)		
201-905-100	8/94	AMA (Automatic Message Accounting) Reference Manual

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	Revision 2	4/95	
	Revision 1	3/95	
	201-905-101	1/95	TOS Reference Manual
■	201-905-200	12/92	ASURE User Guide
■	201-905-400	11/93	HIPER-DREAMER User Guide
■	201-905-500	7/94	OTTER (Outbound Trouble Evaluation of Recording System) User Guide
■	201-905-800	3/94	CIRTS (Centralized Inbound Recording Tracking System)

201-906 COBRA® (Customer Order Entry and Billing Revenue Administration)

■	201-906-100	1	COBRA® On-Line Guide
■	201-906-101	1	Tabs for COBRA® On-Line Guide

Division 205

Automatic Data Test Circuits

205-0 Indexes and Equipment Test Lists

205-1 Automatic Data Test Circuits

Number	Issue	Subject
205-0 Indexes and Equipment Test Lists		
205-000-000	12	Numerical Index — Division 205 — Automatic Data Test Circuits
205-001-011	1	ETL — Automatic Data Test Circuits
205-1 Automatic Data Test Circuits		
205-101-501	3	Automatic Data Test Line Circuit SD-71028-01 — Operation Tests
Addendum	1	
205-102-301	1	Automatic Data Test Line — Trouble Locating Procedures
205-102-501	1	Automatic Data Test Line No. 5A (SD-71076-01) — Transmission and Operation Tests

Division 210

Plant and Traffic DesksService Observing

210-0 Indexes and Equipment Test Lists

210-1 Service Observing Desks

Number	Issue	Subject
210-0 Indexes and Equipment Test Lists		
210-000-000	59	Numerical Index — Division 210 — Service Observing, and Plant and Traffic Desks
210-001-011	3	ETL — No. 12 and Modified No. 7
210-001-013	2	ETL — Information and Toll Directory Desks
210-1 Service Observing Desks		
210-102-301	3	No. 4 Portable Service Observing Set — No. 1 or 2 Dial Pulse Recorder Set — Connections and Operations
210-105-501	2	Service Observing Circuit for Observing Speed of Answer — Tests — No. 12 Service Observing Desk
210-106-501	3	Intertoll Service Observing Circuit and Associated Dial Pulse Converter Circuit for Use with No. 12 Service Observing Desk — Tests — No. 4A or 4M Toll Switching System
210-110-501	3	Incoming Trunk and Distribution Circuit — Tests — No. 7 or 12 Service Observing Desk
210-111-501	2	Service Observing Circuit for Crossbar Tandem Incoming Intertoll Trunks — Tests Using Test Circuit SD-27050-01 — No. 7 or 12 Service Observing Desk
210-111-502	3	2- or 4-Wire Intertoll Service Observing Trunks and Associated Dial Pulse Converter — Tests Using Service Observing Test Circuit SD-95712-01 — No. 7 or 12 Service Observing Desk
210-115-501	1	Service Observing Circuit for Observing Calls to PBX Attendants and Stations — Crossbar Tandem Offices Arranged for Direct Inward Dialing to PBX — Tests — No. 7 or No. 12 Service Observing Desks
210-116-502	1	Service Observing Circuit for Step-by-Step CAMA Incoming Trunks — Tests Using Test Set SD-32271-01 (J38913A) — No. 7 or 12 Service Observing Desk
210-116-504	1	Service Observing Circuit for Incoming Trunks — No. 4A and 4M Toll Switching Systems — Tests — No. 7 or 12 Service Observing Desk
Addendum	1	
210-118-502	2	AMA, CAMA, and Local Dial Service Observing Circuits for DDD Trunks and Junctors, and Miscellaneous Local Dial Trunks in No. 5 Crossbar Office — Tests — No. 7 or 12 Service Observing Desk

Division 211

No. 1, 3, 5, and 6 Toll OfficesNo. 1, 3, 5, and 6 Toll Switchboards
No. 6A Teletypewriter Switchboards

211-0 Indexes, Equipment Test Lists, and Administrative Practices

211-1 Common to More Than One Toll Office or Toll Switchboard

211-2 No. 1 Toll Offices and Toll Switchboards

211-3 No. 3 Toll Offices and Toll Switchboards

211-4 No. 5 Toll Switchboards

211-5 No. 6 Toll Switchboards

211-8 6A Teletypewriter Switchboard

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211-0 Indexes, Equipment Test Lists, and Administrative Practices		
211-000-000	29	Numerical Index — Division 211 — No. 1, 3, 5, and 6 Toll Offices — No. 1, 3, 5, and 6 Toll Switchboards and No. 6A Teletypewriter Switchboards
211-001-012	1	ETL — Common to More Than One Toll Office or Toll Switchboard
211-001-013	2	ETL — No. 1 Toll Office and Toll Switchboard
211-001-014	3	ETL — No. 3 Toll Office and Toll Switchboard
211-001-015	2	ETL — No. 5 Toll Switchboards
211-001-016	1	ETL — No. 6 Toll Switchboards
211-001-017	1	ETL — No. 6A Teletypewriter Switchboard
211-020-001	2	Equipment and Cross-Connection Records — Toll Terminal Equipment
211-021-001	1	Trouble Indicator Records — Intertoll Trunk Concentrating Equipment
211-022-001	2	Classifying and Recording Trouble Data — Manual Toll and TWX Offices
211-1 Common to More Than One Toll Office or Toll Switchboard		
211-102-501	1	Supervisor Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-103-501	1	Operator Control and Telephone Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-104-501	1	Trouble Operator Cord, Telephone, and Grouping Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-105-501	1	Vacant Position Tone and Night Alarm Circuits — Automatic Listening Positions — Tests — No. 1 and 3 Toll Tandem Switchboards
211-106-501	1	Grouping and Splitting Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-107-501	1	Common Overflow and Reorder Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-110-501	2	Link Allotter — Call Distribution Equipment — Tests — Toll Offices
211-112-501	2	Group and Position Allotters — Call Distribution Equipment — Tests — Toll Offices
211-114-501	1	Group Busy Time Registers SD-63313-01 — Tests — No. 1 and 3 Toll Offices
211-116-501	1	Alarm Circuits for the 30, 60, and 120 I.P.M. Interrupter, Transfer, and Distributing Circuit SD-95078-01 — Tests — Toll Systems
211-117-501	1	Alarm Circuits for the 30, 60, and 120 I.P.M. Interrupter, Transfer, and Distributing Circuit SD-95099-01 — Tests — Toll Systems
211-118-501	1	Alarm Circuits for the 40, 60, and 120 I.P.M. Interrupter Circuit SD-63367-01 — Tests — Toll Systems
211-119-501	1	Alarm Circuits for the 60 I.P.M. Interrupter Relay Circuit SD-70136-01 — Tests — Toll Systems

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211-120-501	4	Transmission Measurement Tests — No. 1 and No. 3-Type Switchboards
211-130-101	2	Pneumatic Tube Type Ticket Distributing System — Description — Toll Offices
211-130-301	5	Pneumatic Ticket Distributing System — Operating Methods — Toll Offices
211-130-501	4	Pneumatic Ticket Distributing System — Tests — Toll Offices
211-132-701	1	50A Detector for Pneumatic Tube System Blockade Alarm — Requirements and Adjusting Procedures — Toll Offices
211-132-801	1	No. 50A Detector — Pneumatic Ticket Distributing System — Piece-Part Data and Replacement Procedures — Toll Offices
211-134-701	3	No. 28A Roller Receiving Valve — Pneumatic Ticket Distributing System — Requirements and Adjusting Procedures — Toll Offices
211-134-801	3	No. 28A Roller Receiving Valve — Pneumatic Ticket Distributing System — Piece-Part Data and Replacement Procedures — Toll Offices
211-134-802	2	Helical Gear — Pneumatic Ticket Distributing System — Modification of Roller Receiving Valve (28A Valve) — Toll Offices
211-135-701	2	Roller Receiving Valve per D-80134, Roller Receiving Valve per D-80134 Modified per D-98400, and Roller Receiving Valve per D-80134 Modified per ED-61355-01 for Pneumatic Ticket Distributing System — Requirements and Adjusting Procedures — Toll Offices
211-135-801	1	Roller Receiving Valve per D-80134, Roller Receiving Valve per D-80134 Modified per D-98400, and Roller Receiving Valve per D-80134 Modified per ED-61355-01 — Pneumatic Ticket Distributing System — Piece-Part Data and Replacement Procedures — Toll Offices
211-137-701	2	Hand Receiving Valves (25- and 26-Type Valves) — Ticket Retainers (KS-15536, Lists 1, 2, 3, and 4) — Sending Valves (27-Type Valves) — Pressure Equalizers (No. 29A and A-102556 Valves) — Removable Edge Sections (No. 1A and 2A or 6A Sections) — Pneumatic Ticket Distributing System Requirements and Adjusting Procedures — Toll Offices
211-137-801	3	Hand Receiving Valves (25- and 26-Type Valves) — Ticket Retainers (KS-15536, Lists 1, 2, 3, and 4) — Sending Valves (27-Type Valves) — Pressure Equalizers (No. 29A and A-102556 Valves) — Removable Edge Sections (No. 1A and 2A or 6A Sections) — Pneumatic Ticket Distributing System — Piece-Part Data and replacement Procedures — Toll Offices
211-139-701	2	Hand Receiving Valve, D-79144 Ticket Retainer, KS-15536, List 5 Sending Valves, D-45228, D-80161, D-87492, and A-101150 — Removable Edge Section, D-6491 — Pneumatic Ticket Distributing System — Requirements and Adjusting Procedures — Toll Offices
211-139-801	3	Hand Receiving Valve, D-79144 — Ticket Retainer, KS-15536, List 5 Sending Valves, D-45228, D-80161, D-87492, and A-101159 — Pneumatic Ticket Distributing System — Piece-Part Data and Replacement Procedures — Toll Offices
211-140-101	1	Ticket Distributing System — Track Type for Small Toll Switchboards — Description
211-146-001	1	Classifying and Recording Trouble Data — Intertoll Trunk Concentrating Equipment — Toll Offices
211-146-101	1	Intertoll Trunk Concentrating Equipment — Description — Toll Systems

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211-146-301	1	Intertoll Trunk Concentrating Equipment — Trouble Indicator Alarm Routine — Operating Methods — Toll Offices
211-146-501	2	Intertoll Trunk Concentrating Equipment — Incoming Trunks — Tests
211-148-501	1	Toll Tandem Trunk Circuits — Tests — No. 1 and 3 Toll Tandem Switchboards
211-150-501	4	Announcement Trunks — Toll Offices
211-152-501	2	Emergency Access Trunks to Intertoll Trunks Associated with No. 4-Type Toll or Crossbar — Tandem Switching Systems From Toll Switchboards No. 1, 3, 3C, and 3CL and No. 4-Type Toll Switching System from Toll Switchboard No. 5
211-154-501	2	Outgoing and 2-Way Intertoll Trunks in the Same Building with No. 5 Crossbar Office — Tests — No. 1, 3C, or 3CL Switchboard
211-155-501	1	Two-Way Trunk Circuits SD-25655-01 and SD-25667-01 to MJ Mobile Radio Telephone System — Tests — No. 1, 3, 3C, or 3CL Toll Switchboards
211-156-501	1	Intertoll Trunks — Miscellaneous Tests — No. 1 and 3 Toll Offices
211-160-501	2	DC Key Pulsing Senders Arranged for Revertive Pulses — Tests using Automatic Test Circuit SD-62059-011 — No. 1 and 3 Toll Switchboards
211-162-501	1	MF Key Pulsing Senders Arranged to Transmit Revertive Pulses — Tests Using Automatic Test Circuit SD-56097-01 — No. 1, 3, 3C, and 3CL Toll Switchboards
211-163-501	3	MF Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests using Manual Test Circuit SD-95400-01 — No. 1- and 3-Type Toll Switchboards
211-165-500	3	DC Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests Using Manual Test Circuit SD-90635-01 — No. 1 and 3 Toll Switchboards
211-165-501	2	DC Key Pulsing Senders — Operation Tests using Automatic Test Circuit SD- 90424-01 — No. 1 and 3 Toll Switchboards

211-2 No. 1 Toll Offices and Toll Switchboards

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211-201-101	1	Semi-Automatic Testing and Adjusting Circuits — Low Shunt Type per SD-62218- 01 and SD-62216-01 — Condenser Type Cord Circuit — Description — No. 1 Toll Offices
211-202-101	3	Semi-Automatic Testing and Adjusting Circuits — Low Shunt Type per SD-62140- 01 or SD-62140-02 and SD-62136-01 — High Impedance Cord Circuits — Description — No. 1 Toll Switchboards
211-203-101	3	Manual Testing and Adjusting Circuits — Low Shunt Type Per SD-62148-01 or SD-62148-02 and SD-62145-01 — High Impedance Cord Circuits — Description — No. 1 Toll Switchboards
211-210-701	1	Cord Circuit DC Supervisory Relays — Requirements and Adjusting Procedures Using 35-Type Test Set — No. 1 Toll Offices
211-211-701	1	Cord Circuit AC Supervisory Relays — Requirements and Adjusting Procedures Using AC Relay and Signaling Test Set J68602AJ — No. 1 Toll Offices
211-212-501	1	Condenser Type Cord Circuits — Manual Tests — No. 1 Toll Offices
211-212-502	1	Condenser Type Cord Circuits — Semi- Automatic Test Using Test Circuit SD- 62218-01 — No. 1 Toll Offices
211-212-701	1	Supervisory Relays — Condenser Type Cord Circuits — Requirements and Adjusting Procedures Using Manual Adjusting Circuit — No. 1 Toll Offices

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211-212-702	1	Supervisory Relays — Condenser Type Cord Circuits — Requirements and Adjusting Procedures Using Semi- Automatic Adjusting Circuit — No. 1 Toll Offices
211-214-501	4	High Impedance Cord Circuits — Manual Tests using Test Circuit SD-62148-01 or SD-62148-02 — No. 1 Toll Switchboards
211-214-502	3	High Impedance Cord Circuits — Semi- Automatic Test Using Test Circuit SD- 62140-01 or SD-62140-02 — No. 1 Toll Switchboards
211-214-701	2	Supervisory Relays — High Impedance Cord Circuits — Requirements and Adjusting Procedures Using Manual Adjusting Circuit Per SD-62145-01 — No. 1 Toll Switchboards
211-214-702	2	Supervisory Relays — High Impedance Cord Circuits Using Semi-Automatic Adjusting Circuit Per SD-62136-01 — Requirements and Adjusting Procedures — No. 1 Toll Switchboard
211-214-703	1	DC Supervisory Relays — High Impedance Cord Circuits Using Semi-Automatic Adjusting Circuits Per SD-64467-01 Requirements and Adjusting Procedures — No. 1 Toll Switchboard
211-216-501	2	High Impedance and Condenser Type Cord Circuits — Manual Tests using Test Sets J68602AJ, 35 Type and Circuit SD-61423-01 — No. 1 Toll Offices
211-216-502	3	High Impedance and Condenser Type Cord Circuits — Semi-Automatic Tests Using Test Circuit SD-62140-02 or SD-64468-01 — No. 1 Toll Switchboard
211-218-501	1	Permanent Signal Cord Circuits — Manual Tests — No. 1 Toll Switchboard
211-220-501	1	DC Keyset Circuits — Tests Using Test Circuit SD-56344-01 — No. 1 Toll Switchboard
211-221-501	1	MF Key Pulsing Key Monitoring Circuit — Tests — No. 1 Toll Switchboards
211-222-501	4	MF Keyset Circuit — Output Level 0 DBM Per Frequency — Tests — No. 1 Toll Switchboard
211-222-502	1	MF Keyset Circuit — Output Level — 3 DBM Per Frequency — Tests — No. 1 Toll Switchboard
211-222-503	1	MF Keyset Circuit — Output Level — 8 DBM Per Frequency — Tests — No. 1 Toll Switchboard
211-226-501	3	MF Keyset Circuit — Output Level 0 DBM Per Frequency — Tests — No. 1B Toll Switchboard
211-226-502	1	MF Keyset Circuit — Output Level — 3 DBM Per Frequency — Tests — No. 1B Toll Switchboard
211-228-501	3	MF Keyset Circuit — Output Level 0 DBM Per Frequency — Tests — No. 1 Toll Tandem Switchboard
211-228-502	1	MF Keyset Circuit — Output Level — 3 DBM Per Frequency — Tests — No. 1 Toll Tandem Switchboard
211-230-501	1	Miscellaneous Position Tests — No. 1 Toll Switchboards
211-231-501	1	Position Dial Circuits Used With Type A Cords — Tests — No. 1 Toll Offices
211-232-501	2	Intertoll Dialing — Cord and Position Dial Circuits — Tests — No. 1 Toll Offices
211-233-501	1	Position Coin Control Circuits — Tests — No. 1 Toll Switchboards
211-234-501	1	Plug, Position, and Trunk Circuits — Operation Tests Using Test Set J64724 — No. 1B Toll Switchboards
211-234-502	1	Plug and Position Circuits — AC Continuity and Balance Tests — Using Position Test Circuit — No. 1B Toll Switchboards
211-235-501	1	No. 49 and 92 Switchboard Multiple Jacks — Tests Using Position Test Circuit — No. 1 and 1B Toll Switchboards
211-236-501	1	Supervisor Circuits — Tests — No. 1 Toll Offices
211-237-501	1	Operator Telephone Circuits — Tests — No. 1 Toll Offices

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211-238-501	1	Peg Count Circuits — Tests — No. 1 Toll Offices
211-239-501	1	No. 1A or 1B Toll Cabinet — Tests — No. 1 Toll Switchboards
211-250-501	1	Discriminating Circuits — Tests — Using Test Circuit SD-64759-01 — No. 1B Toll Switchboards
211-255-701	1	Toll Line AC Relays — Adjusting Circuit Per SD-62259-01 — Requirements and Adjusting Procedures — No. 1 Toll Offices
211-260-501	2	Intertoll Dialing — Intertoll Trunk Circuit Operation Tests From Switchboard Position in No. 1 Toll Offices
211-261-501	3	Ringdown Intertoll Trunks — Tests — No. 1 Toll Offices
211-262-501	3	Toll Switching Trunks to Manual Offices — Tests — No. 1 Toll Switchboards
211-263-501	1	Trunks to Community Dial Offices — Operation Tests — No. 1 Toll Switchboards
211-264-501	3	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests Using Connector Multiple Test Line SD-31636-01 — No. 1 Toll Switchboards
211-264-502	2	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests — Loop Back Method — No. 1 Toll Switchboards
211-264-503	4	Toll Switching Trunks to Step-by-Step Offices — Operation and Coin Control Tests With Assistant at Local Office — No. 1 Toll Switchboards
211-264-504	3	Toll Switching Trunks to Step-by-Step Offices — Miscellaneous Tests — No. 1 Toll Switchboards
211-265-501	3	Toll Switching Trunks to Panel and Crossbar Offices — Tests — No. 1 Toll Switchboards
211-268-501	1	Toll Switching Trunks — Tests Using Combined DC-MF Trunk Test Set SD-56147- 01 — No. 1 Toll Switchboards
211-269-501	2	Toll Switching Trunks — Tests Using MF Trunk Test Set SD-55922-01 — No. 1 Toll Switchboards

Number	Issue	Subject
211-3 No. 3 Toll Offices and Toll Switchboards		
211-300-101	1	No. 3CL Switchboards — Switching Trunk Tandem Position — Description — Toll Systems
211-303-501	3	Cord Circuits — Tests Using Test Circuit SD-55056-01 — No. 3C and 3CL Toll Switchboards
211-303-502	1	Cord Circuits — Tests Using Position Test Circuit — No. 3CF Toll Switchboards
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211-420-501	2	Interposition Trunk Circuit — Tests — No. 5 Toll Switchboard — No. 4A and 4M Toll Switching Systems
211-430-501	2	Outgoing Trunk Circuits — (Not Appearing on Incoming Link Frames and Not Equipped With Test Jacks) — Tests — No. 5, 5C, or 5D Switchboards
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211-505-501	1	Cord Circuits — Tests using Test Circuit SD-55124-01
211-505-502	1	Cord Circuits — Tests using Test Circuit SD-61097-01 or SD-61097-02
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211-507-502	1	Position, Dial and Keyset Circuits — Tests Using Test Circuit SD-61097-01 or SD- 61097-02
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211-509-501	1	Operator Telephone Circuits — Tests Using Test Circuit SD-55124-01
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211-8 6A Teletypewriter Switchboard

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Division 212

No. 4A and 4M Toll Switching Systems

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212-1 Decoders, Markers, Translators, and Associated Equipment

212-2 Senders, Registers, and Associated Equipment

212-3 Connectors, Links, Controllers, Alarms, and Plant and Traffic Registers

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212-100-003	2	Improved 800 INWATS Service in 4A Toll Switching System Having Common Channel Interoffice Signaling — Description and Method of Operation
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212-202-301	2	Supplementary Procedure for Detecting Trouble Beyond the Toll Switching Trunk
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212-205-101	4	Sender Make-Busy Frame — Description — No. 4A Toll Switching Offices
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212-301-301	2	Automatic Trouble Analysis — Trouble Reference Guide — Application and Use Index for 4A Toll Switching System With Common Channel Interoffice Signaling
212-301-302	1	Automatic Trouble Analysis — Trouble Reference Guide — Decoder Channel Troubles for 4A Toll Switching Systems With Common Channel Interoffice Signaling
212-301-303	1	Automatic Trouble Analysis — Trouble Reference Guide — Stored Program Control Troubles for 4A Toll Switching System With Common Channel Interoffice Signaling
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212-301-305	1	Automatic Trouble Analysis — Trouble Reference Guide — Marker Troubles for 4A Toll Switching System With Common Channel Interoffice Signaling
212-301-306	1	Automatic Trouble Analysis — Trouble Reference Guide — Sender Link Controller Troubles — 4A Toll Switching Systems With Common Channel Interoffice Signaling
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212-335-501	4	Interrupter Frames — Motor Stop and Low- Voltage Alarms — Tests
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212-501-102	2	Busy Line Verification — Description and Operation
212-501-301	1	Voltmeter and Outgoing Trunk to CAMA Positions Test and Miscellaneous Circuit SD-68697-01 for Test and Make-Busy Jack Bay — Method of Operation
212-501-502	1	Busy Line Verification Network — Trunk Tests — Using Intertoll or Integrated Manual Test Frame SD-99604-01 or Manual Test Frame SD-68587-01 — No. 4A Toll Switching System
212-502-501	3	Plug-In Toll Switching Trunk Circuits Tests — Using Trunk Test Set SD-68597-01
212-503-101	3	Automatic Transmission Test and Control Circuit (ATTC) — Description

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212-509-301	2	Automatic Outgoing Toll Connecting Trunk Test Frame SD-68076-01 — Cross Connections — No. 4M Toll Switching System
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212-514-105	2	Common Control Interoffice Signaling — Intraoffice Trunk Test Frame SD-68744- 01 — Description
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212-514-302	3	Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Control Card Preparation
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212-514-501	3	Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Tests
212-514-502	2	Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Tests of IBM 870 Document Writing System
212-514-504	2	Common Channel Interoffice Signaling — Intraoffice Test Frame SD-68744-01 Tests in a 4A Toll Switching System
212-514-505	1	Common Channel Interoffice Signaling Trunk Tests Using CCIS Intraoffice Trunk Test Frame in No. 4A Toll Switching System
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212-517-101	4	Manual Test Frame SD-68587-01 Description
212-517-501	3	Manual Test Frame — Circuit SD-68587- 01 — Tests
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212-524-501	1	Camp-On Circuit — Miscellaneous Tests
212-528-501	8	Announcement Connecting Trunks — Tests — Using Test Circuit SD-68076-01, SD-68373-01, SD-68580-01 — Manual Test Frame SD-68587-01, and Integrated Manual Test Frame SD-99604-01
212-528-502	1	Group Busy Chain Relay Circuits and Directional Reservation Circuits — Tests
212-530-501	7	Incoming (One-Way) Intertoll Trunk Circuit — Tests — Using Test Circuit SD- 68359-01
212-530-502	2	Incoming (One-Way) Intertoll Plug-In Trunk Circuit SD-68626-01 — Tests — Using Test Circuit SD-68359-01 and SD- 68755-01
212-534-501	9	Incoming Toll Tandem Trunk Circuits — Test Using Test Circuit SD-68359-01
212-534-502	2	Incoming Toll Tandem Plug-In Trunk Circuit — Tests — Using Test Circuit SD- 68359-01 and SD-68755-01
212-536-501	2	Incoming Trunks to No. 5 Toll Switchboard From Toll Switchboards — Test Using Test Circuit SD-68359-01
212-560-501	7	Outgoing (One-Way) Intertoll Trunk Circuit — Tests — Using Test Circuit SD- 68359-01
212-560-502	2	Outgoing (One-Way) Intertoll Plug-In Trunk Circuit — Tests — Using Test Circuit SD-68359-01 and SD-68755-01
212-562-501	3	Automatic Operational and Transmission Tests of Intertoll Trunks Using Automatic Outgoing Intertoll Trunk (AOIT) SD-68404-01 and the Automatic Transmission Test and Control Circuit (ATTC) SD-68446-01
212-563-501	2	Outgoing, 2-Way Intertoll and Common Channel Interoffice Signaling Trunks Using ADOIT SD-68588-01
212-563-502	2	Outgoing, 2-Way Intertoll and Common Channel Interoffice Signaling Trunks Using ADOIT SD-68588-01 With EM-D2 NCR Card Reader
212-564-501	3	Toll Connecting Trunks — Manual Transmission Tests Using Trunk Test Circuit SD-68076-01 or SD-68373-01 and Test Trunk Circuit SD-68547-01
212-564-502	2	Toll Connecting Trunks — Manual Transmission Tests Using Trunk Test Circuit SD-68580-01 and Test Trunk Circuit SD-68547-01
212-564-503	1	Outgoing Toll Connecting Trunks — Manual Transmission Tests Using Automatic Outgoing Toll Connecting Trunk Test Circuit SD-68076-01, SD-68373-01 or SD-68580-01
212-564-504	2	Message Timing and Register Circuit — Frame for INWATS Trunks — SD-68763- 01 — Tests
212-565-501	2	Outgoing Toll Tandem Trunks — to Toll Tandem Switchboards — Tests Using Test Circuit SD-68359-01
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212-566-502	5	Toll Switching, TX, and Miscellaneous Outgoing Trunks Arranged for Manual or Straightforward Operation — Tests Using Test Circuit SD-68076-01 or SD-68373-
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212-566-503	2	Sequential Non-Tape Controlled — Operational and Transmission — Tests of Outgoing Trunks Using Test Circuit SD- 68580-01
212-566-504	2	Tape — Controlled Transmission and Operational Tests of Outgoing Toll Switching Trunks Using Test Circuit SD-68580-01

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212-566-506	1	Outgoing Toll Switching or Metallic Intertoll Plug-In Trunk Circuit SD-68623- 01 — Tests — Using Test Circuit SD- 68359-01 and SD-68755-01 — No. 4A Toll Switching System
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212-567-501	1	Toll Switching Trunks — Operational Tests — Using Manual Test Frame SD-68587-
212-567-501	1	
212-567-502	2	Toll Switching Trunks — Transmission Tests Using Manual Test Frame SD- 68587-01
212-567-503	2	Toll Switching Trunks — Miscellaneous Tests and Features Using Manual Test Frame SD-68587-01
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212-568-501	2	Outgoing Trunk From No. 5 Toll Switchboard — Appearing on Incoming Link and Connector Frames — Tests Using Test Circuit SD-68359-01
212-569-501	1	Outgoing Trunks From No. 5 Toll Switchboards (Not Appearing on Incoming Link Frames) — to Toll Tandem and Toll Switchboards — Tests Using Test Circuit SD-68359-01
212-570-101	4	Intertoll or Integrated Manual Test Frame SD-99604-01 — Description — No. 4A Toll Switching System
212-570-102	1	Outgoing Trunk Test Connector Frame SD- 68748-01 — Description
212-570-103	2	Test Trunk and VF Link Jack Circuit SD- 1C600-01 — Used With the Integrated Manual Test Frame — Description and Method of Operation — No. 4A Toll Switching System
212-570-501	2	Intertoll or Intergrated Manual Test Frame SD-99604-01 — Tests
212-570-701	3	Intertoll or Integrated Manual — Test Frame SD-99604-01 Amplifier — Adjustment and Compensation for Access Loss — No. 4A Toll Switching System
212-571-501	2	Intertoll Trunks — Operational Tests Using Intertoll or Integrated Manual Test Frame SD-99604-01 — No. 4A Toll Switching System
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212-571-503	4	Intertoll Trunks Miscellaneous Tests and Features Using the Intertoll or Integrated MTF SD-99604-01 in the No. 4A Toll Switching System
212-571-504	3	Toll Switching Trunks — Operational Tests — Using Integrated Manual Test Frame SD-99604-01
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212-571-506	3	Toll Completing Trunks — Miscellaneous Tests and Features Using the Integrated MTF SD-99604-01
212-571-507	3	Common Channel Interoffice Signaling Trunk Tests Using the Integrated Manual Test Frame SD-99604-01 in a 4A Toll Switching System
212-572-101	1	Trunk Status Display System Associated With the Intertoll or Integrated Manual Test Frame — Description and Operation
212-572-501	2	Trunk Status Display System Associated With the Intertoll or Integrated Manual Test Frame — Tests
212-580-501	7	Two-Way Intertoll Trunk Circuit — Tests Using Test Circuit SD-68359-01
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212-583-501	1	Overseas Operator Bridged Access Intraoffice Trunk Circuit SD-68706-61 — Tests — Using Trunk Test Set Circuit SD-68359-01
212-585-501	3	Data Converter Circuit — SD-71050-01 — Tests Using Interim Test Circuit SD- 71062-01
212-587-101	2	CCIS Printed Wiring Board — Plug-In Trunk Frame — SD-68759-01 — Description
212-587-301	3	Procedures for Adding, Removing, or Reassigning Common Channel Interoffice Signaling Trunks — No. 4A Toll Switching System
212-587-302	2	Test Panel in Printed Wiring Board Plug-In Trunk Frame SD-68759-01 — Method of Operation — No. 4A Toll Switching System
212-587-303	3	Conversion of Conventional E&M Trunks to Common Channel Interoffice Signaling Trunks In a No. 4A Toll Switching System
212-587-304	2	Common Channel Interoffice Signaling — Trunk Maintenance Procedures — 4A Toll Switching System

212-7 CAMA

212-700-010	1	Cross-Connection Forms — CAMA Equipment
212-703-501	1	CAMA Line Observing Number Matching — Miscellaneous Tests
212-710-501	1	CAMA Switchboard Suspension — Tests
212-711-501	2	CAMA Position Circuit Tests Using the Nonautomated and/or Automated Incoming Sender and Register Test Frame SD-68491-01
212-712-501	2	CAMA Position Link Tests Using Nonautomated and/or Automated Incoming Sender and Register Test Frame, SD-68491-01
212-712-502	2	CAMA Position Link and Controller — Miscellaneous Tests
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212-712-503	1	CAMA Transfer Trunks — Transmission Tests to a TSPS
212-713-502	5	CAMA Calls Waiting Signal Circuit and CAMA 2-Way Signaling Circuit — Manual Tests
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212-720-303	2	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes
212-720-501	7	Master Timing Circuit SD-25633-01 — Test
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212-730-501	4	CAMA Sender Link and Connector Circuit — Tests
212-735-501	5	Transverter — Tests Using the Nonautomated and/or Automated Incoming Sender and Register Test Frame SD-68491-01
Addendum	1	
212-735-502	2	Transverter — Miscellaneous Tests
212-736-501	2	Trunk Class Translator Circuit — Tests
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212-740-501	5	Recorder and Recorder Connector Circuit — Tests
212-745-501	2	Billing Indexer — Tests Using Automatic Incoming Sender and Register Test Frame SD-68491-01
212-745-502	4	Billing Indexer — Miscellaneous Tests
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212-801-101	2	Peripheral Scanner — Description
212-801-501	4	Peripheral Scanner — Tests
212-801-801	1	Ferrod Sensors — Replacement Procedures
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212-802-301	4	Electric Translator System and Store Program Control — Out of Service and Power Removal Procedures
212-803-101	1	Distributor Register — General Description
212-803-502	5	Distributor Register SD-68605-01 — Tests
212-804-101	2	Common Channel Interoffice Signaling — Distributor and Scanner Frame — Description — No. 4A Toll Switching System
212-804-102	1	Distribution and Scanner Circuit Fault Recovery — Description in the No. 4A Toll Switching System
212-804-501	1	Distributor and Scanner Frame SD-68747- 01 Test — No. 4A Toll Switching System
212-804-701	1	Distributor and Scanner Matrix Repair Procedure for Common Channel Interoffice Signaling in the No. 4A Toll Switching System
212-804-702	1	Distributor and Scanner Controller Recovery and Repair Procedure for Common Channel Interoffice Signaling in the 4A Toll Switching System
212-805-501	8	Alarm and Display Circuit — Tests
212-806-501	4	Decoder Channel — Tests Using the Decoder-Marker — Test and Trouble Recorder Circuit — Miscellaneous Tests
212-806-502	3	Decoder Channel — Tests Using the Decoder-Marker — Test and Trouble Recorder Circuit — Miscellaneous Tests — No. 4A Toll Switching System — Having Common Channel Interoffice Signaling
212-807-102	1	Terminal and Terminal Access Circuit Fault Recognition — Description in the No. 4A Toll Switching System
212-807-502	4	Voice Frequency Link and Access Circuit Tests in a 4A Toll Switching System Using the Integrated Manual Test Frame
212-808-101	2	Central Pulse Distributor Applique — SD- 68608-01 — Description
■ 212-810-101	2	Call Processing — Description
212-810-102	3	Common Channel Interoffice Signaling — Call Processing Within the No. 4A Toll Switching System
■ 212-812-301	1	Traffic Order Translation and Office Change Preparation — 4A/4M Toll Offices Equipped With Electronic Translators
212-812-302	3	Change Message Teletypewriter Tape Preparation
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212-816-502	2	Common Channel Interoffice Signaling — Routing Data Verification — No. 4A
■ 212-819-301	1	Maintenance Interrupts — Analyzing and Trouble-Locating Procedures
■ 212-820-301	3	Call Processing Recovery Procedures
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212-820-304	2	Emergency Recovery Flowchart — 4A Toll Switching System
212-822-101	2	Traffic Data Transmitter Circuit — Description

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212-822-302	2	Point Network Control Point — 800 Service Data Base Measurements, Reports, and Data Base Updating
212-822-501	1	Traffic Data Transmitter — Tests
■ 212-824-101	1	Electronic Translator Input Circuits — Description
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212-826-302	4	System Evaluation Procedures — 4A Common Channel Interoffice Signaling — Switching Office
212-826-303	4	System Evaluation Procedures — Common Channel Interoffice Signaling — Electronic Translator System/Signal Transfer Point and Stored Program Control/Signal Transfer Point
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■ 212-827-101	1	General Growth Description
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212-827-103	2	Signal Transfer Point and Stand-Alone Signal Transfer Point — Offices With or Without the Network Control Point — Description and Operation
■ 212-827-301	1	Procedures for Changing Data Tables Via Recent Changes for Electronic and Electromechanical Growth
212-827-302	2	Procedures for Converting a 4A Electronic Translator Office to a Common Channel Interoffice Signaling Switching Office
212-827-303	2	Procedure for Converting a 4A ETS/STP Office to a CCIS — Stored Program Control/Signal Transfer Point Office
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212-830-302	1	Use of the ETS Channel 10 Teletypewriter for DEC® Diagnostic Programs on the PBC
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212-840-102	3	AC Bus Repeater and Bus to Bus Access Circuit Used With the Peripheral Bus Computer — Description
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212-840-511	1	Peripheral Bus Computer — DC11 On- Line Diagnostics and Input/Output Channel Exercisers — Tests
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Division 216

No. 1 Crossbar Offices

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-060 Network Design

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216-1 Records, Reports, Emergency and Interdepartmental Routines

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216-2 Originating Equipment

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216-201-501	5	Subscriber Lines and Outgoing Trunks — Voltmeter Tests Using OGT Test Frame SD-25177-01
216-204-501	1	Manual Line Circuit — Dial Terminating for Use With Central "A" Switchboard — Tests
216-205-501	2	Line Circuit — Terminating Service Only — For Use With Dial Selected PBX Trunks — Tests
216-207-501	2	Emergency Line Circuit — For Use With Central DSA Switchboard — Per SD-25416-01 and SD-25417-01 — Tests
216-208-501	1	Auxiliary Line Circuit for Terminating Service Only or for Originating Service Only Arranged for Number Checking — Tests
216-208-502	1	Auxiliary Line Circuit Arranged for Manual Terminating Service Per SD-25138-01 and SD-25140-01 — Tests
216-208-503	1	Auxiliary Line Circuit — 10-Party Code Ringing Lines or 8-Party Semiselective Ringing Lines — Tests
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216-209-501	6	Line Link and Controller Tests
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216-230-501	6	Subscriber District Junctors — Tests Using District Junctor Test Circuit
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216-232-501	1	Permanent Signal Overflow Alarms — Tests
216-233-501	5	Coin Supervisory Circuits — Tests Using District Junctor Test Circuit
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216-235-501	2	Zone Registration Circuits, SD-25320-01 — Tests Using Automatic Test Circuit SD-25311-01
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216-255-501	2	Key Pulsing "A" Operator Sender Link Controller — Tests
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216-258-503	3	Code Compressor Connector SD-96526-01 — Tests
216-258-505	3	Code Compressor Trouble Indicator SD-96528-01 — Tests
216-258-507	1	Miscellaneous Circuit — Recycle Frame — Tests
216-261-501	11	Originating Marker — Tests Using Originating Trouble Indicator
216-261-502	5	Originating Marker — Miscellaneous Tests
216-261-503	1	Originating Marker — Route and Rate Cross-Connections Tests Using Route and Rate Verification Test Circuit SD-27720-01
216-262-501	2	Dynamic Overload Control Circuit SD-27970-01 — Tests
216-263-501	5	Originating Marker Connectors — Manual Test
216-265-501	2	3-Digit Translator Connectors — Tests
216-271-501	4	Subscriber Recording-Completing Trunks and Special Service Trunks — Tests Using Outgoing Trunk Test Frame SD-25177-01
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216-272-502	4	Permanent Signal Holding Trunk SD-25418-01 — Tests
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216-274-501	2	Operators' Recording-Completing Trunks — Tests
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216-276-501	4	Outgoing Trunks — Tests Using Outgoing Trunk Test Frame SD-25177-01
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216-278-501	3	Continuity and Polarity Test of Outgoing Trunks at Outgoing Trunk Test Frame Using Test Circuit SD-96370-01

216-3 Terminating Equipment

216-301-501	7	Full Selector Terminating Senders — Tests Using Terminating Sender Test Circuit SD-25159-01
216-301-502	2	Full Selector Terminating Senders — Tests Using Outgoing Trunk Test Circuit SD-25177-01 and Test Selection Circuit SD-25437-01
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216-307-501	5	Sender Link and Controller — Tests
216-331-501	10	Terminating Marker and Terminating Marker Applique — Tests Using Terminating Trouble Indicator SD-25284-01
216-331-502	6	Terminating Marker SD-25283-01 and Terminating Marker Applique SD-27765-01 — Miscellaneous Tests

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216-361-501	4	Incoming Link and Connector Circuits — Tests
216-365-501	3	Incoming Trunk Frame Alarms — Tests
216-370-501	2	Incoming Selector and Incoming Trunk Circuits From Toll Switchboards — Coin Control Tests
216-372-501	4	Incoming Trunks Using Outgoing Trunk Test Frame SD-25177-01
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216-381-501	5	Incoming Trunks — Tests Using Test Set SD-25187-01 (J24751A)
216-385-501	2	Translator Preference Control SD-27756-01 and Translator Connector SD-27755-01 For Use with Direct-In-Dialing — Tests Using Terminating Trouble Indicator SD-25284-01
216-386-501	1	Translator for Direct-In-Dialing SD-27754-01 — Tests Using TT1 SD-25284-01
216-387-501	2	Direct Access Pretranslator Connector SD-27822-01 and Preference Control Circuit SD-27821-01 — Tests Using DID Test Circuit SD-27766-01
216-388-501	1	Direct Inward Dialing — Line Circuits SD-27752-01 and SD-27753-01 — Tests Using DID Test Circuit SD-27766-01
216-388-502	1	No. 101 ESS™ Central Office Trunk Circuit SD-1H077-01 — Tests Using Dial Test Circuit SD-27766-01
216-389-501	1	Outgoing Sender Connectors SD-27758-01 and SD-27759-01 — Tests
216-391-501	1	Dial Pulse Outgoing Sender SD-27762-01 — Tests Using DID Test Circuit SD-27766-01
216-392-501	1	Outgoing Sender Circuit SD-27962-01 Tests Using Outgoing Sender Test Circuit SD-27965-01
216-394-501	1	Outgoing Sender Group-Busy Circuit SD-27763-01 — Tests
216-397-501	2	A1S Line Circuits SD-27750-01 and SD-27751-01 and MF Outgoing Sender SD-27761-01 — Tests Using Outgoing Trunk Test Frame SD-25177-01
216-397-502	2	AIS Line Circuits SD-27963-01 and SD-27964-01 — Control and Connector Circuit SD-27961-01 — Tests Using Outgoing Trunk Test Frame SD-25177-01

216-4 Method of Taking Equipment Out of Service

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216-401-301	1	Major Units of Equipment
216-403-301	2	Subscriber Line Link Frame
216-405-301	2	District Junctor Frame
216-407-301	1	District Link Frame
216-409-301	1	District Coin Control Circuit — Coin Control Link and Control Frame — Key Pulsing "A" Sender Link and Control Frame
216-410-301	2	Office Link Frame
216-411-301	1	Zone Registration and Control Circuit SD-25320-01
216-412-301	5	Alarm Sending and Transfer Circuits
216-413-301	1	Number Group Connector Circuit
216-415-301	1	Subscriber and Key Pulsing Senders
216-417-301	2	Subscriber Sender Link and Controller Circuits
216-419-301	1	Originating Marker Connector Frame
216-421-301	2	Terminating Sender Link and Controller Circuit — Terminating, "B", Dial Pulsing and MF Key Pulsing Senders
216-423-301	1	Terminating Marker and Terminating Marker Connector Frames
216-425-301	1	Incoming Trunk Frame
216-427-301	1	Incoming Link Frame
216-429-301	1	Line Choice Connector Circuit Per SD-25275-01
216-431-301	1	Number Checking Equipment
216-433-301	5	Interrupter Frame
216-435-301	1	Translators — Offices Arranged for AMA
216-437-301	2	Transverters — Offices Arranged for AMA
216-439-301	1	Transverter Connectors — Offices Arranged for AMA
216-441-301	1	Call Identity Indexers — Offices Arranged for AMA

Number	Issue	Subject
216-443-301	2	Recorder and Recorder Connector Circuits — Offices Arranged for AMA

216-5 Method of Handling Alarms, Trouble Reports, and Other Signals

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216-508-301	4	Fuse Alarms Routine
216-509-301	3	Motor Stop Alarm Routine
216-510-301	1	Subscriber Line Link Frame — Alarm Routine
216-511-301	3	District Link, Trunk Link and Office Link Frames — Alarm Routine
216-512-301	3	Interrupter Checking Circuit Alarm Routine — District Junctors and Tandem Trunks
216-513-301	1	Coin Control Circuit — Time Alarm Routine
216-514-301	1	Subscribers Sender — Load Alarm Routine
216-516-301	1	Subscriber Sender Link Frame — Alarm Routine
216-518-301	1	Subscriber Sender Link and Controller — Trouble Indicator Routine for Handling Alarms and Displays
216-520-301	1	Key Pulsing "A" Sender Link and Control Frame — Coin Control Link and Control Frame — Alarm Routine
216-522-301	1	Originating Marker — Alarm Routine
216-524-301	1	Originating Marker Connector — Time Alarm Routine
216-528-301	1	Permanent Signal Overflow — Alarm Routine — Offices Arranged for AMA
216-530-301	1	Permanent Signal Overflow — Alarm Routine — Offices Not Arranged for AMA
216-532-301	2	Incoming Trunk Frame — Alarm Routine
216-534-301	1	Incoming Link and Connector Frame — Line Choice Connector Frame — Number Group Connector Frame — Alarm Routine
216-536-301	2	Terminating Sender — Time Alarm Routine
216-538-301	1	Terminating Sender Link Frame — Alarm Routine
216-540-301	1	Terminating Marker — Alarm Routine
216-542-301	1	Terminating Marker Connector — Alarm Routine
216-544-301	1	Terminating Trouble Indicator — Alarm Routine
216-546-301	2	Transverter — Alarm Routine
216-548-301	1	Transverter Connectors — Alarm Routine
216-550-301	2	Transverter Trouble Indicator — Alarm Procedure — Offices Arranged for AMA
216-552-301	1	Recorder and Recorder Connector — Alarm Routine
216-554-301	1	Translator — Alarm Routine
216-570-301	3	Originating Sender Supervisory Signals — Method of Handling
216-572-301	1	Permanent Signal Holding Trunks — Method of Handling Permanent Signals — Offices Arranged for AMA
216-572-302	3	Permanent Signal Holding Trunks — Method of Handling Permanent Signals — Offices With or Without Automatic Number Identification
216-575-301	1	Coin Supervisory Signals — Method of Handling When Served by a DSA Board in Another Building

216-6 General Troubles — Analyzing, Locating, and Clearing

Number	Issue	Subject
216-600-301	1	Originating Trouble Indicators — Automatic Trouble Analysis — Trouble Reference Guide
Addendum	1	
216-600-302	1	Terminating Trouble Indicators — Automatic Trouble Analysis — Trouble Reference Guide
216-600-303	1	ANI Trouble Ticketer — Automatic Trouble Analysis — Trouble Reference Guide
216-600-304	1	Controller Trouble Indicator — Automatic Trouble Analysis — Trouble Reference Guide

Number	Issue	Subject
216-600-305	1	Code Compressor Trouble Indicator — Automatic Trouble Analysis — Trouble Reference Guide
216-600-306	1	Stuck Sender Trunk Identification — Automatic Trouble Analysis — Trouble Reference Guide
216-601-300	3	Analyzing, Locating and Clearing Trouble Conditions
216-601-301	2	Analyzing, Locating and Clearing Trouble Conditions — Index for Sections Covering Trouble Conditions
216-603-301	1	Crosses or False Grounds on Subscriber Line Link Frame — LR Relay
216-605-301	2	Line Link Double Connections or Originating Calls — No Alarm Indications
216-607-301	1	Falsely Grounded District Junctor DC Lead
216-609-301	1	Open Subscriber Sender of Relay Shunt Circuit
216-610-101	1	Stuck Sender Trunk Identification (SSTI) Feature — Description, Operation, and Trouble Locating
216-611-301	1	Crossed Contacts of Subscriber Sender Link GP Relay
216-613-301	1	Falsely Grounded Subscriber Sender Link DC Lead
216-615-301	2	Failure of Subscriber Sender Link Controller To Start or Time Out
216-617-301	1	False Operation of Subscriber Sender Link C Relay
216-619-301	1	Failure of a Subscriber Sender Link G Relay to Close the OG Lead
216-621-301	1	Stuck Key Pulsing Senders with KR1 and KRA Relays Normal
216-623-301	1	False Trouble Release from Originating Marker — Due to Crossed Contacts on the DT1 Relay
216-625-301	2	Crossed Originating Marker Multiple SL Leads
216-627-301	2	Premature Release of Originating Marker
216-629-301	1	False Continuity of Originating Marker Connector DC Lead
216-631-301	2	Originating Marker Receiving Lead Permanently Closed — Originating Marker Connector
216-633-301	1	Open Transmitting Lead Between Originating Marker and Sender
216-635-301	1	Office Frame ST Lead Crossed With Battery
216-637-301	1	Crossed Contacts of Office Link Frames SS Relays
216-639-301	1	Failure of Office Link and Connector MP Relay
216-641-301	1	Falsely Grounded Terminating Sender FC Lead
216-643-301	3	Terminating Sender Link Alarms Due to False Ground on the SM Lead
216-644-301	2	Falsely Grounded Terminating Sender Link FC Lead
216-645-301	1	Falsely Grounded Terminating Sender D Lead
216-647-301	1	Failure of Terminating Marker Short Time Out
216-649-301	1	Terminating Marker Continuity Failure — Operating Path of Incoming Link and Connector RS Relay and Terminating Marker MKO Relay
216-651-301	1	Terminating Marker FCG Trouble in Common Equipment
216-653-301	1	Terminating Marker Receiving Lead Permanently Closed — Terminating Marker Connector
216-655-301	1	Falsely Grounded Terminating Marker RL or TRL Lead
216-655-302	1	Crossed Contacts on Terminating Marker OH or EH Relay
216-657-301	1	Audible Ringing Without Ringing Subscriber — No Incoming Link Cross Point Trouble
216-659-301	2	Falsely Grounded Incoming Trunk FC Lead
216-661-301	1	Falsely Grounded Incoming Link Primary Hold Magnet Operating Lead in Common Equipment of an Incoming Link Frame
216-667-301	1	Falsely Grounded Number Group RF or TF Terminal
216-667-302	1	Crossed Number Group RF or TF Terminal

Number	Issue	Subject
216-667-303	2	Falsely Grounded Number Group Connector JF Lead
216-667-304	2	Falsely Operated Number Group Connector MCB or MCC Relay
216-667-305	1	Failure of Number Group Connector HB Relay
216-667-306	1	Falsely Operated Number Group Connector TB Relay
216-667-307	1	Falsely Grounded Number Group Connector C Lead
216-667-308	1	Crossed Number Group Common NS Lead and Individual NC Lead
216-667-309	1	Crossed or Falsely Grounded Number Group Connector NS Leads
216-667-310	1	Crossed Number Group Connector NF Leads
216-667-311	1	Number Group Connector Block Relay Frame — Line Link Pulsing Diodes Open or Shorted
216-669-301	1	False PBX Trunk Busy Condition
216-671-301	3	False Routing of Calls to Intercept
216-673-301	1	Crossed or Falsely Grounded Line Choice Connector TK Lead

216-7 Distributing Frames and Cross Connections, Switchboards, Miscellaneous Tests, and Testing Equipment

Number	Issue	Subject
216-701-301	1	Wire Types
216-703-301	3	Subscriber Line, Line Link and Controller and Subscriber Sender Link and Controller — Cross Connections
216-705-301	1	Subscriber Line Overflow Register — Cross Connections
216-705-501	1	Subscriber Line Overflow Register Circuit — Tests
216-707-301	1	Key Pulsing Sender Link Controller and Coin Supervisory Link Controller — Cross Connections
216-709-301	1	Originating Sender Test Frame — Cross Connections
216-711-301	9	Originating Marker and 3-Digit Translator — Cross-Connections
216-712-801	3	Cross-Connection Methods — Markers, Test Frames and Traffic Register Distributing Frames
216-713-301	3	Translator Frame Cross Connections
216-715-301	4	Terminating Sender Link and Controller SD-25028-01 and SD-25459-01 — Cross Connections
Addendum	3	
216-717-301	3	Terminating Marker — Cross-Connections
216-718-101	1	Number Group and Block Relay Frame and Line Distributing Frame — Cross Connections
216-719-301	7	Block Relay Frame and Line Distributing Frame — Cross-Connections
216-719-801	3	Line Distributing Frame and Block Relay Frames — Cross Connections
216-720-101	3	Incoming Trunk Test Frame SD-25161-01 — Description and Operation
216-720-301	9	Incoming Trunk Test and Connector Frames SD-25161-01 — Cross- Connections
216-730-501	2	Verification Request and Intercept Trunks — Tests Using Outgoing Trunk Test Frame SD-25177-01
216-732-501	2	Plugging-Up Line Circuits — Tests
216-734-501	1	Number Checking Train — Tests
216-736-501	1	DSA Switchboard — No Test Train — Tests
216-738-501	2	Dial Terminating Manual Subscriber Line Circuit SD-25040-01 — Tests
216-740-501	2	Recording Completing Cord Circuits — No. 15C Or 15D "A" Switchboard — Tests
216-741-501	4	Intercepting Operator's Cord Circuits — "A" Switchboard Equipped with Dials or Keysets — Operation Test using Testing Circuit SD-20444-01 or SD-90501-011
216-742-501	6	Switchboard Cord and Operator Telephone Circuit — Tests — No. 1 Crossbar Offices
216-742-503	4	Cord Circuit Sleeve Relays — "A" Switchboard Equipped with Dials or Keysets — Tests

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216-742-507	5	Special Service Cord Circuits — "A" Switchboard Equipped With Dials or Keysets — Operation Test Using Test Circuit SD-20444-011, SD-25474-011 or SD-90501-011
216-750-501	8	Fuse Alarms — Tests
216-751-501	4	Motor Stop Alarm — Tests
216-752-501	2	Line Load Control — Tests
Addendum	1	
216-753-501	2	Originating and Terminating Sender Load Control — Tests
216-754-501	6	Revertive Pulse Interrupter — Terminating Senders — Tests
216-755-501	1	Simulated Heavy Traffic Load Tests
216-759-501	1	Call-Through Tests
216-761-501	1	Ringing Interrupter and Alarm Circuit — Tests
216-763-501	7	Plant Registers — Tests
216-765-501	11	Traffic Registers Tests
216-767-501	1	Subscriber Sender Supervisory — Meter Circuit — Tests
216-769-501	5	Trunk Transmission Tests — Provided with Manual Outgoing Trunk Test Frame SD-25177-01
216-769-502	1	Test Desk and Repair Service Desk Telephone Circuits — 1000-Cycle Transmission Tests
216-769-503	1	Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Using OGT Test Frame SD-25177-01
216-770-501	1	Telecommunications Alarm Surveillance and Control (TASC) — Interconnection Circuit Tests
216-771-501	7	Alarm Sending and Transfer Circuits — Test
216-772-501	1	Voice Alarm Circuit SD-27984-01 — Tests
216-773-501	2	Emergency Transfer Circuit Per SD-96425-01 to Provide Emergency Manual Service for Dial Subscribers — Tests
▲216-780-000	2	Remote Office Test Line (ROTL)
216-780-101	2	Remote Office Test Line (ROTL) SD-28607-01 — Descriptive Information
216-781-501	2	District Junctor Test Circuit SD-25158-01 — Tests
216-782-501	2	Controller Trouble Indicator — Tests
216-783-501	4	Originating and Auxiliary Sender and Transverter Test Frame — Tests
Addendum	1	
216-784-501	3	Automatic Incoming Trunk Test Circuit SD-25161-01 — Tests
216-785-501	1	Zone Registration and Timing Test Circuit — Tests
216-786-501	4	Line Insulation Test Frame — Maintenance and Calibration Tests
216-787-501	3	Transverter Trouble Indicator
216-788-501	4	Terminating Sender — Test Circuit SD-25159-01 — Tests
216-789-501	7	Originating Trouble Indicator — Tests
216-791-501	5	Terminating Trouble Indicator — Tests
216-793-501	2	Dial Coin Zone Concentrating Circuit — Miscellaneous Tests

216-8 Automatic Message Accounting

216-800-301	3	Method of Handling Complaints and Requests Involving Charge Irregularities
216-800-302	3	Central Office Equipment — Precautions to Limit Stoppages in No. 1 Accounting Center
216-800-303	2	Charge Irregularities on Crossbar Tandem CAMA Calls — Method of Handling Complaints and Requests
216-801-501	6	Transverter Tests — Using Sender and District Junctor Test Circuits
216-801-502	4	Transverter — Miscellaneous Tests
216-803-501	4	Transverter Connectors SD-25804-01 — Miscellaneous Tests
216-804-501	1	Auxiliary Transverter Link — Miscellaneous Tests
216-805-501	1	Translators — Tests Using Sender Test Frame

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216-805-502	1	Translator — Tests — Using Line Verification — Test Circuit SD-27154-01
216-807-501	6	Recorder and Recorder Connector Circuits SD-25872-01 — Tests — Arranged for AMA Paper Tape
216-809-501	2	Call Identity Indexer Circuit SD-25621-01 — Tests
216-811-501	3	Call Count Process Control — Storage and Register Circuit — Tests
216-813-301	5	Master Timing Circuit SD-25633-01 — With Six-Second Timing Features — Methods of Handling Alarms
216-813-302	2	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service
216-813-303	3	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes
216-813-304	1	Master Timing Circuit SD-25633-01 — With One Second Timing Features Method of Handling Alarms
216-813-501	8	Master Timing Circuit SD-25633-01 — Six- Second Timing Features — Tests
216-813-502	1	Master Timing Circuit SD-25633-01 — One-Second Timing Features — Tests
216-815-501	2	ANI Outgoing Trunks — Tests Using Trunk Test Circuit SD-27587-01

216-9 Automatic Number Identification

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216-901-301	2	Analysis and Clearance of Trouble — Number Network and Primary Bus Circuit — Secondary Network and Bus Connector Circuit
Addendum	1	
216-901-302	3	Analysis of Trouble Tickets
216-901-303	1	Analysis and Clearance of Trouble — Using Common Systems Message Printer SD-94865-01
216-903-501	6	Trouble Ticketer Circuit — Tests Using Outpulser-Identifier Test Circuit SD-95815-01 and Automatic Trunk Test Circuit SD-95889-01
216-903-502	1	Trouble Ticketer Circuit SD-95816-01 — Offices Equipped With Common Systems Message Printer — Tests
Addendum	1	
216-905-501	3	Outpulser Circuit — Operation Tests
216-905-502	4	Outpulser Circuits — Miscellaneous Tests — Arranged for ANI-Type B
216-906-501	4	Outpulser Connector Circuit — Tests
Addendum	1	
216-907-501	4	Identifier Circuit — Tests
216-908-501	2	Oscillator Circuits — Functional Tests
216-910-501	6	Outgoing Trunks — Tests Using Automatic Trunk Test Circuit SD-95889-01
216-910-502	4	Automatic Trunk Test Circuit SD-95889-01 for Testing ANI Trunks — Miscellaneous Tests
216-911-801	7	Number Network Frame — 313A and 313B Panels — Piece-Part Data and Replacement Procedures — Arranged for ANI-Type B
216-913-501	2	Outpulser-Identifier Test Circuit — Miscellaneous Tests

Division 218

No. 3, No. 5, and No. 5A Crossbar Offices

218-0 Indexes and Administrative Practices

- **-001 Controlled Maintenance Plan and Equipment Test Lists — MTF Offices**
- **-002 Equipment Test Lists — OTF Offices**
- **-005 Equipment Test Lists — Automatic Call Distribution**
- **-010 General Information**
- **-040 Measurements**
- **-080 Evaluation Test Procedures**
- **-099 Customer Information Release (CIR)**

218-1 Offices with Master Test Frame

- **-100 General System Information**

218-3 Centrex Offices

218-4 Offices with Office Test Frame

218-6 Automatic Call Distribution and Wideband

218-7 Sections Not Requiring Use of Master Test Frame Or Office Test Frame

218-9 4-Wire Circuits, No. 3, and No. 5A Crossbar

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218-0 Indexes and Administrative Practices		
218-000-000	45	Numerical Index — Division 218 — No. 3, No. 5, and No. 5A Crossbar Offices
218-000-001	5	Alphabetical Index No. 5 Crossbar
218-001 Controlled Maintenance Plan and Equipment Test Lists — MTF Offices		
218-001-006	1	Private Network — Switching Performance Measurement Plan
218-001-011	5	ETL — Connectors and Links — Offices with Master Test Frame
218-001-012	15	ETL — Markers — Offices with Master Test Frame
218-001-013	16	ETL — Registers — Offices with Master Test Frame
218-001-014	15	ETL — Senders — Offices with Master Test Frame
218-001-015	15	ETL — AMA-ANI — Offices with Master Test Frame
218-001-016	14	ETL — Intraoffice Trunks — Offices with Master Test Frame
218-001-017	16	ETL — Interoffice Trunks — Offices with Master Test Frame
218-001-018	15	ETL — 1-Way Toll Trunks — Offices with Master Test Frame
218-001-019	16	ETL — 2-Way Toll Trunks — Offices with Master Test Frame
218-001-020	16	ETL — Miscellany Trunks — Offices with Master Test Frame
218-001-021	14	ETL — Junctors — Offices with Master Test Frame
218-001-022	11	ETL — Miscellaneous Equipment — Feature Circuits — Offices with Master Test Frame
218-001-023	5	ETL — Miscellaneous Equipment — Common Items — Offices with Master Test Frame
218-001-024	6	ETL — Miscellaneous — Traffic Register and Alarm — Offices with Master Test Frame
218-001-025	6	ETL — Miscellaneous Maintenance & Emergency — Offices with Master Test Frame
218-001-026	4	ETL — Miscellaneous Equipment — Supply — Offices with Master Test Frame
218-001-029	1	ETL — Wideband Circuits — Offices with Master Test Frame
218-001-030	1	ETL — Wideband Trunk — Offices with Master Test Frame
218-002 Equipment Test Lists — OTF Offices		
218-002-017	15	ETL — Interoffice Trunks — Offices with Office Test Frame
218-002-018	3	ETL — 1-Way Toll Trunks — Offices with Office Test Frame
218-002-019	2	ETL — 2-Way Toll Trunks — Offices with Office Test Frame
218-002-020	5	ETL — Miscellaneous Trunks — Offices With Office Test Frame
218-002-024	2	ETL — Miscellaneous Equipment Common Items — Offices with Office Test Frame

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218-005 Equipment Test Lists — Automatic Call Distribution			
	218-005-014	8	Trunks — No. 5 Crossbar Systems
218-010 General Information			
	Addendum	1	
	218-012-301	6	Cross-Connection and Record Forms
	218-013-301	3	Wire Types
218-040 Measurements			
❶	218-040-020	1	General Description
	Addendum	1	
❶	218-040-022	2	Operation and Provisioning — Network Counters — No. 5 Crossbar
❶	218-040-024	1	Network Maintenance Register — Operation and Provision
	218-040-030	1	Traffic Measurements — General Description — Electronic Translation System
■	218-040-031	1	Network Maintenance Register Operation and Provision — Electronic Translation System (ETS)
218-080 Evaluation Test Procedures			
	218-080-116	1	Automatic Monitor, Register, and Sender Test Circuit — Evaluation Test Procedures — Service Improvement Guide
218-099 Customer Information Release (CIR)			
❑	218-099-001MG	1	No. 5/5A Crossbar Switch Outgoing Trunk Problem, Switching Systems
218-1/2 Offices with master test frame			
218-100 General System Information			
❶	218-100-000	1	General Description — No. 5 Crossbar Offices
❶	218-100-014	1	Operational Features — Automatic Message Accounting — AMA, LAMA, CAMA, and ANI
❶	218-100-016	1	Operational Features — Phase III Centrex Service
❶	218-100-018	1	General Description — No. 3 Crossbar
❶	218-100-020	1	General Description — No. 5A Crossbar
❶	218-100-022	1	Local Automatic Message Accounting — Computerized (LAMA-C)
❶	218-100-300	1	General Descriptive Information — Electronic Translation System
❶	218-100-310	1	General Description — Electronic Translation System
❶	218-100-320	1	Operational Features — Automatic Message Accounting — Electronic Translation System
❶	218-100-322	1	Network Management — Electronic Translation System
	218-100-330	1	Systems Initialization — Electronic Translation System
	218-102-501	14	Line Verification — Tests Using Master Test Frame
	218-102-502	9	Line Verification — Tests Using Line Verification Circuit SD-26181-01
	218-103-101	1	Master Test Frame — Description
	218-104-501	1	Traffic Sample Monitor and Test Circuit SD-27876-01 — Tests
	218-105-301	3	Trouble Recorder Card Analysis and Trouble Location
	Addendum	2	
	218-105-302	3	No. 5 Crossbar — Trouble Reference Guide — Part 1 — Index
	218-105-303	3	No. 5 Crossbar — Trouble Reference Guide — Part 2 — Bin Listings — A
	218-105-304	1	No. 5 Crossbar — Trouble Reference Guide - Part-3 — Bin Listings — B, C, D, E
	Addendum	1	
	218-105-305	2	Trouble Reference Guide — Part 4 — Bin Listings — F
	218-105-306	1	No. 5 Crossbar — Trouble Reference Guide - Part 5 — Bin Listings — G, H, I
	218-105-307	1	No. 5 Crossbar — Trouble Reference Guide - Part 6 — Bin Listings — J, K, L

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Addendum	1	
218-105-308	1	No. 5 Crossbar — Trouble Reference Guide - Part 7 — Bin Listings — M
218-105-309	2	No. 5 Crossbar — Trouble Reference Guide — Part 8 — Bin Listings — N, O
Addendum	1	
218-105-310	1	No. 5 Crossbar — Trouble Reference Guide - Part 9 — Bin Listings — P, R
218-105-311	2	No. 5 Crossbar — Trouble Reference Guide — Part 10 — Bin Listings — S, T
218-105-312	1	No. 5 Crossbar — Trouble Reference Guide — Part 11 — Bin Listings — U, V, W
218-105-313	1	No. 5 Crossbar — Trouble Reference Guide — Part 12 — Bin Listings — X, Y, Z
218-105-314	1	No. 5 Crossbar — Trouble Reference Guide — Part 2A — Bin Listings — AMA (Paper Tape)
218-105-315	1	No. 5 Crossbar — Trouble Reference Guide — Part 2B — Bin Listings — AMA- Magnetic Tape
218-105-316	1	No. 5 Crossbar — Trouble Reference Guide — Part 13 — Call Data Transmitter (CDT)
218-105-320	2	Trouble Reference Guide — Part 2C — Test Methods — No. 5 Crossbar
218-105-330	2	No. 5 Crossbar — Trouble Reference Guide — Part 1 — Electronic Translation System Error Messages — Index
Addendum	1	
218-105-331	1	No. 5 Crossbar — Trouble Reference Guide — Part 2 — Electronic Translation System Error Messages — Bin Listings — AMARC, Audit
Addendum	1	
218-105-332	1	No. 5 Crossbar — Trouble Reference Guide — Part 3 — Electronic Translation System Error Messages — Bin Listings — DAS, DAS10
218-105-333	1	No. 5 Crossbar — Trouble Reference Guide — Part 4 — Electronic Translation System Error Messages — Bin Listings — Data, DATSET, EM
218-105-334	1	No. 5 Crossbar — Trouble Reference Guide — Part 5 — Electronic Translation System Error Messages — Bin Listings — IPC
Addendum	1	
218-105-335	1	No. 5 Crossbar — Trouble Reference Guide — Part 6 — Electronic Translation System Error Messages — Bin Listing — PEX-EC
218-105-336	1	No. 5 Crossbar — Trouble Reference Guide — Part 7 — Electronic Translation System Error Messages — Bin Listings — SYSCAP, TAPE, TDC, TTY
218-106-301	6	Circuit and Priming Information Selection for Master Test Frame
218-107-501	2	Channel Tests — Using the Master Test Frame
Addendum	1	
218-111-501	3	Call Waiting Feature — Tests Using Master Test Frame
218-112-301	2	Line Link Frame — Nonwire-Spring-Relay Type — Cross Connections
218-112-501	3	Line Link, Auxiliary Line Link, and Line Link Connector Frames — Nonwire- Spring-Relay Type — Tests
Addendum	1	
218-112-503	8	Line Link, Auxiliary Line Link, and Transfer Line Link Circuits — Wire-Spring-Relay Type — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-113-501	8	Line Link Pulsing Line Circuits SD-27617-01, SD-27618-01, SD-27619-01, SD-27620-01, SD-27669-01, and SD-27942-01 — Tests Using Trunk Test Circuit SD-25918-01
218-113-502	5	Line Link Pulsing Line Circuits SD-27729-01 and SD-27730-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices

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218-113-503	4	AIS Line Circuits SD-27892-01 and SD-27893-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Not Arranged for Line Link Pulsing
218-114-501	3	Range Extender Unit SD-27806-01 — Tests Using Trunk Test Circuit SD-25918-01 and Test Termination Circuit SD-96540-01
218-114-701	2	Trunk Test Circuit SD-25918-01 — Insertion Loss Pad Adjustment for Manual Transmission Tests on Range Extender Units SD-27806-01
218-115-301	3	Trunk Link and Connector Frame — Nonwire-Spring-Relay Type — Cross Connections
218-115-501	4	Trunk Link and Connector Circuits SD-25549-01 — Nonwire-Spring-Relay Type — Tests Using Master Test Frame
218-115-503	6	Trunk Link and Transfer Trunk Link Circuits — SD-26032-01, SD-27674-01, and SD-27879-01 — Wire-Spring-Relay Type — Tests Using Master Test Frame
218-120-501	11	Dial Tone Marker Circuits — Tests Using Master Test Frame
218-120-502	2	Dial Tone Circuits — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged With ETS
218-122-301	1	Marker — Alarm Routine
218-122-500	3	Combined and Completing Marker — Index — Using Master Test Frame
218-122-501	12	Combined Marker Circuits — Part 1 — Tests Using Master Test Frame
218-122-502	9	Combined and Completing Marker Circuits — Part 2 — Tests Using Master Test Frame
218-122-503	3	Combined and Completing Marker Circuits — Part 3 — Tests Using Master Test Frame
218-122-504	3	Combined and Completing Marker Circuits — Part 4 — Tests Using Master Test Frame
218-122-505	2	Combined and Completing Marker Circuits — Part 5 — Tests Using Master Test Frame
218-122-506	2	Combined and Completing Marker Circuits — Part 6 — Tests Using Master Test Frame
218-122-507	3	Combined and Completing Marker Circuits — Part 7 — Tests Using Master Test Frame
218-122-508	2	Combined and Completing Marker Circuits — Part 8 — Test Using Master Test Frame
218-122-509	2	Combined and Completing Marker Circuits — Part 9 — Tests Using Master Test Frame
218-122-510	2	Combined and Completing Marker Circuits — Part 10 — Tests Using Master Test Frame
218-122-511	3	Combined and Completing Marker Circuits — Part 11 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-122-512	2	Combined and Completing Marker Circuits — Part 12 — Tests Using Master Test Frame
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218-122-513	4	Combined and Completing Marker Circuits — Part 13 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-122-514	3	Combined and Completing Marker Circuits — Part 14 — Tests Using Master Test Frame
218-122-515	2	Combined and Completing Marker Circuits — Part 15 — Tests Using Master Test Frame
218-122-516	2	Combined and Completing Marker Circuits — Part 16 — Tests Using Master Test Frame
218-122-517	2	Combined and Completing Marker Circuits — Part 17 — Tests Using Master Test Frame
218-122-518	2	Combined and Completing Marker Circuits — Part 18 — Tests Using Master Test Frame
218-122-519	2	Combined and Completing Marker Circuits — Part 19 — Tests Using Master Test Frame
218-122-520	3	Combined and Completing Marker Circuits — Part 20 — Tests Using Master Test Frame
218-122-521	2	Combined and Completing Marker Circuits — Part 21 — Tests Using Master Test Frame

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Addendum	1	
218-122-522	3	Combined and Completing Marker Circuits — Part 22 — Tests Using Master Test Frame — No. 5 Crossbar Offices
Addendum	1	
218-122-523	3	Combined and Completing Marker Circuits — Part 23 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-122-524	2	Combined and Completing Marker Circuits — Part 24 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-122-525	2	Combined and Completing Marker Circuits — Part 25 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-122-526	2	Combined and Completing Marker Circuits — Part 26 — Tests Using Master Test Frame
218-122-527	2	Combined and Completing Marker Circuits — Part 27 — Tests Using Master Test Frame
218-122-528	3	Combined and Completing Marker Circuits — Part 28 — Tests Using Master Test Frame
Addendum	1	
218-122-529	3	Combined and Completing Marker Circuits — Part 29 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-122-530	2	Combined and Completing Marker Circuits — Part 30 — Tests Using Master Test Frame — No. 5 Crossbar Offices
Addendum	1	
218-122-531	4	Combined and Completing Marker Circuits — Part 31 — Tests Using Master Test Frame — No. 5 Crossbar Offices
Addendum	1	
218-122-532	3	Combined and Completing Marker Circuits — Part 32 — Tests Using Master Test Frame
218-122-533	1	Completing Marker Circuits — Part 33 — Test Using Master Test Frame
Addendum	1	
218-122-534	1	Completing Marker Circuits — Part 34 — Tests Using Master Test Frame — No. 5 Crossbar Offices Arranged With Cable Data Transmitter
Addendum	1	
218-122-550	3	Combined and Completing Markers — Miscellaneous Tests
218-122-551	2	Completing Marker Circuits SD-28122-01 — Miscellaneous Tests Arranged With Electronic Translation System — No. 5 Crossbar Offices
218-124-501	4	Traffic Sampling Circuit SD-27681-01 — Test Using Master Test Frame
218-124-502	1	Trunk Group Traffic Sample Circuit SD-27826-01
Addendum	1	
218-125-501	6	Marker Connectors — Nonwire-Spring- Relay Type — Tests
218-130-501	5	Regular Pretranslator SD-25568-01 — Tests Using Master Test Frame
218-130-502	1	IDDD Pretranslator SD-27849-01 — Tests Using Master Test Frame
218-131-501	2	Incoming Register Pretranslator SD-27969-01 — Tests Using Master Test Frame
218-135-301	1	Automatic Monitor Trouble Recorder Cards Associated With Originating Registers — Analysis
Addendum	1	
218-135-501	11	Originating Registers SD-26040-01 and SD-25551-01 — Dial Pulse or Touch- Tone Calling — Tests — Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01
Addendum	1	
218-135-503	12	Originating Registers SD-26040-01 and SD-25551-01 — Dial Pulse or Touch- Tone Calling — Tests Using Test Set SD-25676-01 (J24756B)
218-137-501	8	Dial Pulse Incoming Registers SD-25729-01 and SD-26041-01 — Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01

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Addendum	1	
218-137-503	7	Dial Pulse Incoming Registers SD-25729-01 and SD-26041-01 — Tests Using Test Set SD-25676-01 (J24756B)
218-139-501	4	Revertive Pulse Incoming Registers SD-26043-01 and SD-25731-01 — Tests Using Automatic Monitor, Register and Sender Test Circuit
218-139-503	3	Revertive Pulse Incoming Register SD-25731-01, SD-26043-01 — Tests Using Test Set SD-25676-01 (J24756B)
218-139-505	3	Revertive Pulse Incoming Register SD-25565-01 — Tandem Operation — Tests Using Test Set SD-25676-01 (J24756B)
218-139-506	2	Central B Revertive Pulse Incoming Registers — Tests Using Master Test Frame
218-139-507	1	Revertive Pulse Incoming Register for Use With Central B Switchboard — Tests Using Test Set SD-25676-01 (J24756B)
218-139-508	5	Revertive Pulse Interrupter of Incoming Registers — Tests
218-143-501	9	Multifrequency Incoming Registers SD-25730-01 and SD-26042-01 — Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01
218-143-503	6	Multifrequency Incoming Registers SD-25730-01 and SD-26042-01 — Tests — Using Test Set SD-25676-01 (J24756B)
218-145-501	7	Group-Busy Circuits for Originating, Incoming, Transfer Registers and for Senders — Tests Using Master Test Frame
218-145-502	1	Traffic Register Circuits — Group-Busy Features for Originating, Incoming, and Transfer Registers and for Senders — Tests
218-147-301	2	Incoming Register Link — Nonwire- Spring-Relay Type — Cross Connections
218-147-302	1	Incoming Register Link Frames — Taking Equipment Out of Service
218-147-501	2	Incoming Register Link Circuits — Nonwire-Spring-Relay Type — Tests
218-150-501	9	Dial Pulse Outgoing Senders SD-25579-01 and SD-26050-01 — Tests — Using Automatic Monitor, Register and Sender Test Circuit — No. 5 Crossbar Offices
218-150-502	6	Dial Pulse Outgoing Senders for Line Link Pulsing — Tests Using Automatic Monitor, Register, and Sender Test Circuit
218-150-503	7	Dial Pulse Outgoing Senders SD-25579-01 and SD-26050-01 — Tests — Using Sender Test Set SD-25674-01 (J24756A)
218-150-504	5	Dial Pulse Outgoing Senders — For Line Link Pulsing — Tests Using Sender Test Set SD-25674-01 (J24756A) — No. 5 Crossbar Offices
218-152-501	5	PCI Outgoing Senders SD-25733-01 and SD-26053-01 — Tests Using the Automatic Monitor, Register and Sender Test Circuit SD-25680-01
218-152-503	5	PCI Outgoing Senders SD-25733-01 and SD-26053-01 — Tests Using Sender Test Set SD-25674-01 (J24756A)
218-154-501	6	Revertive Pulse Outgoing Senders SD-25732-01 and SD-26052-01 — Tests Using the Automatic Monitor, Register, and Sender Test Circuit SD-25680-01
218-154-503	6	Revertive Pulse Outgoing Senders SD-25732-01 and SD-26052-01 — Tests Using Sender Test Set SD-25674-01 (J24756A)
218-156-501	13	Multifrequency Outgoing Senders SD-26051-01 and SD-25580-01 — Tests Using the Automatic Monitor, Register, and Sender Test Circuit SD-25680-01 — No. 5 Crossbar Offices
218-156-502	4	AIS Outgoing Sender SD-27882-01 — Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01 — No. 5 Crossbar Offices Without Line Link Pulsing

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Addendum	1	
218-156-503	9	Multifrequency Outgoing Senders SD-26051-01 and SD-25580-01 — Tests — Using Sender Test Set SD-25674-01 (J24756A) — No. 5 Crossbar Offices
218-156-504	4	Automatic Intercept System Outgoing Sender SD-27882-01 — Tests Using Sender Test Set SD-25674-01 (J24756A) — Not Arranged for Line Link Pulsing
218-158-501	6	Intermarker Group Sender SD-25826-01 — Tests Using Marker Test Frame
218-160-501	8	Outgoing Sender Connector SD-26057-01, SD-26059-01, or SD-25587-01 and Outgoing Sender Link Circuit SD-25734-01 or SD-27628-01 — Tests — No. 5 Crossbar Offices
218-160-502	2	Outgoing Sender Connector SD-27888-01 and Outgoing Sender Line Connector SD-27889-01 for Automatic Intercept System — Tests Using Master Test Frame — Not Arranged for Line Link Pulsing
218-161-301	2	FSP Signaling Transmitting Circuit — (SD- 99300-01) (SD-99718-01) — Locating Trouble
218-161-302	3	FSP Signaling Receiving Circuit — (SD- 99301-01, SD-99719-01) — Locating Trouble
218-161-305	1	FSP Transmitter-Receiver Test Circuit — SD-99317-01 — Locating Trouble
218-161-503	2	Frequency Shift Pulsing Outgoing Senders SD-27624-01 — Tests Using Sender Test Set SD-25674-01 (J24756A)
218-161-603	1	Frequency Shift Pulsing Outgoing Registers — Tests Using Test Set SD-25676-01 (J24756B)
218-165-301	8	Number Group Frame — Nonwire-Spring- Relay Type — Cross Connections and Associated Cross Connections at the Main Distributing Frame — No. 5 Crossbar Offices
218-165-302	1	Number Group and Connector Frame — Alarm Routine
218-165-303	2	Number Group and Connector Frame — Taking Equipment Out of Service
218-165-304	4	Number Group Frame — Nonwire-Spring- Relay Type — Cross-Connection Methods
Addendum	1	
218-165-501	5	Number Group and Connector Circuit — Nonwire-Spring-Relay Type — Tests
Addendum	1	
218-165-503	4	Number Group Circuits — Wire-Spring- Relay Type — Tests
218-170-501	6	Translator Circuits SD-25754-01 and SD-26019-01 — Tests Using Master Test Frame — Arranged for LAMA, ANI, or CDT
Addendum	1	
218-170-502	4	Translator SD-99319-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AIOD
Addendum	1	
218-171-501	1	Direct Access Pretranslator Connector Circuit SD-27801-01 — Tests Using Master Test Frame
Addendum	1	
218-172-501	13	LAMA Transverter SD-25591-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-172-503	9	LAMA Transverter SD-25591-01 — Miscellaneous Tests — No. 5 Crossbar Offices
218-173-501	4	LAMA Transverter SD-27809-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AMA Magnetic Tape Recording
218-173-502	2	LAMA Transverter SD-27809-01 — Miscellaneous Tests — No. 5 Crossbar Offices Arranged for AMA Magnetic Tape Recording
218-174-501	9	Recorder and Recorder Connector Circuits SD-25872-01 — Tests — No. 5 Crossbar Offices — Arranged for LAMA or CAMA Paper Tape

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218-175-501	4	Trunk Control Circuit SD-94810-01 — Tests Using Master Test Frame — Arranged for AMA Magnetic Tape Recording
218-176-501	4	Call Identity Indexer SD-94809-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AMA Magnetic Tape Recording
218-178-501	8	CAMA Transverter SD-26010-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-178-503	3	Transverter SD-26010-01 — Miscellaneous Tests
218-179-501	3	CAMA Transverter Connectors SD-26011-01 — Tests
218-180-501	6	CAMA Sender SD-26056-01 — Tests Using Test Set SD-25676-01 (J24756B) — No. 5 Crossbar Offices
218-181-501	5	CAMA Billing Indexer SD-26012-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-182-501	5	CAMA Position Link Circuit SD-26047-01 — Tests
218-183-501	4	CAMA Junctor Circuit SD-26102-01 — Tests Using Trunk Test Circuit SD-25918-01
218-184-501	4	CAMA Incoming Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01
218-185-501	2	CAMA Intermarker Group Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01
218-186-501	3	CAMA Suspension Circuit SD-26017-01 — Tests
218-187-501	2	Peg Count Registers for CAMA Initial Entries — Tests Using Master Test Frame
218-188-501	3	CAMA Calls Waiting Signal Circuit — Tests
218-189-501	1	CAMA Line Observing Number Matching Circuit — Tests
Addendum	2	
218-192-501	4	ANI Transverter SD-26161-01 — Tests Using Master Test Frame
218-198-501	3	Call Identity Indexer Circuit SD-25621-01 — Tests Using Master Test Frame
218-198-502	2	Call Identity Indexer SD-25621-01 — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged for AMA Magnetic Tape Recording
218-201-501	6	Coin Supervisory and Coin Supervisory Concentrating Circuits — Tests Using Trunk Test Circuit SD-25918-01
218-202-501	4	Coin Supervisory Release Circuit SD-25859-01 — Tests Using Master Test Frame
218-203-301	2	Coin Supervisory Link Frame — Cross- Connections
218-203-302	1	Coin Supervisory Link Frames — Taking Equipment Out of Service
218-203-501	4	Coin Supervisory Link Circuits — Nonwire-Spring-Relay Type — Tests
218-209-501	2	Dial Coin Zone Concentrators — Tests
218-216-501	7	Master Test Frame Connector SD-25805-01 — Preference and Lockout Chains — Tests — No. 5 Crossbar Offices
218-216-502	4	Master Test Frame Connector SD-27718-01 — Preference and Lockout Chains — Tests — No. 5 Crossbar Offices
218-217-301	3	Monitor Amplifiers of the Automatic Monitor, Register and Sender Test Circuit — Operating Methods
218-217-701	3	Touch-Tone Oscillators Used in Automatic Monitor, Register, and Sender Test Circuit SD-25680-01 — Adjustment
218-218-501	1	KS-13834 Perforator and Trouble Recorder Circuit — Tests Using Trouble Recorder Test Circuit SD-25682-01
218-218-502	5	KS-13834 Perforator and Trouble Recorder Circuit — Tests
218-219-301	1	Time of Day — Alarm Routine
218-219-302	1	Time of Day Circuit — Taking Equipment Out of Service
218-219-501	1	Time of Day Circuit — Tests
218-220-301	14	Compiling Data for Control Tapes for Operational Trunk Tests — Using Automatic Progression Trunk Test Frame

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Addendum	1	
218-220-302	11	Preparation of Control Tapes for Operational Trunk Tests — Using Automatic Progression Trunk Test Frame — No. 5 Crossbar Offices
218-220-303	7	Compiling Data for Control Tapes — For Transmission Testing of Trunks Using Automatic Progression Trunk Test Frame and Automatic Transmission Measuring System
218-220-304	4	Preparation of Control Tapes for Transmission Testing of Outgoing Trunks — Automatic Progression Trunk Test Frame and Automatic Transmission Measuring System
Addendum	1	
218-220-701	4	Automatic Progression Trunk Test Circuit SD-25938-01 — Build-Out Resistor Assembly Adjustment
218-224-501	1	Auxiliary Line Circuit SD-99484-01 for Off-Net Access Service — Tests Using Trunk Test Circuit SD-25918-01
218-225-501	4	Emergency Line Circuits — Tests
218-226-501	2	Emergency Transfer Circuit — Dial to Manual Service — Tests
218-227-501	8	Auxiliary Line and Line Auxiliary Circuits Serving One Office — Tests Using Master Test Frame — No. 5 Crossbar Offices
218-227-502	2	Auxiliary Line Circuits Serving More Than One Office in the Same Building — Tests
218-228-501	1	Auxiliary Line and Allotter Circuit — Wide Area Data Service — Tests
218-229-501	1	Dial Long Line Circuits — Coin — Wire- Spring-Relay Type — Tests
218-230-501	2	Dial Long Line Circuits — 2-Party Message Rate — Wire-Spring-Relay Type — Tests Using Master Test Frame
218-231-501	3	Station Ringer Test Circuits SD-25861-01, SD-25927-01, and SD-26109-01 — Tests Using Trunk Test Circuit SD-25918-01
218-232-501	12	Traffic Register Lead Index — No. 5 Crossbar Offices — Equipped With Master Test Frame
218-232-502	4	Traffic Registers — Part 1 — Tests Using Master Test Frame
218-232-503	2	Traffic Registers — Part 2 — Tests Using Master Test Frame
218-232-504	4	Traffic Registers — Part 3 — Tests Using Master Test Frame
218-232-505	4	Traffic Registers — Part 4 — Tests Using Master Test Frame
Addendum	1	
218-232-506	4	Traffic Registers — Part 5 — Tests Using Master Test Frame
218-232-507	2	Traffic Registers — Part 6 — Tests Using the Master Test Frame
218-232-508	3	Traffic Registers — Part 7 — Tests Using Master Test Frame
Addendum	1	
218-232-509	3	Traffic Registers — Part 8 — Tests Using Master Test Frame
218-232-510	3	Traffic Registers — Part 9 — Tests Using Master Test Frame
218-232-511	2	Traffic Registers — Part 10 — Tests Using Master Test Frame
Addendum	1	
218-232-512	2	Traffic Registers — Part 11 — Tests Using Master Test Frame
Addendum	1	
218-232-513	3	Traffic Registers — Part 12 — Tests Using Master Test Frame
218-232-514	4	Traffic Registers — Part 13 — Tests Using Master Test Frame
218-232-515	4	Traffic Registers — Part 14 — Tests Using Master Test Frame
218-232-516	6	Traffic Registers — Part 15 — Test Using Master Test Frame — No. 5 Crossbar Offices
218-232-517	3	Traffic Registers — Part 16 — Tests Using Master Test Frame
Addendum	1	
218-232-519	2	Traffic Registers — Part 17 — Tests Using Master Test Frame
Addendum	1	
218-232-520	1	Traffic Registers — Part 18 — Tests Using Master Test Frame
218-232-521	2	Traffic Registers — Part 14 — Tests Using Master Test Frame

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218-232-522	3	Traffic Registers — Part 20 — Tests Using Master Test Frame
Addendum	1	
218-232-523	1	Traffic Registers — Part 21 — Tests Using Master Test Frame
Addendum	1	
218-232-525	3	Traffic Registers — Part 22 — Tests Using Master Test Frame
Addendum	1	
218-232-527	2	Traffic Registers — Part 23 — Tests Using Master Test Frame
Addendum	1	
218-232-530	1	Traffic Registers — Part 24 — Tests Using Master Test Frame
218-232-531	1	Traffic Registers — Part 25 — Tests
218-233-000	7	Plant Register Index — Tests
Addendum	1	
218-233-501	8	Plant Registers — Part 1 — Tests Using Master Test Frame
218-233-502	1	Plant Registers — Part 2 — Tests Using Master Test Frame
Addendum	2	
218-233-503	1	Plant Registers — Part 3 — Tests Using Master Test Frame
218-233-504	2	Plant Registers — Part 4 — Tests Using Master Test Frame
218-233-505	1	Plant Registers — Part 5 — Tests Using Master Test Frame
218-233-506	2	Plant Registers — Part 6 — Tests Using Master Test Frame
218-233-507	2	Plant Registers — Part 7 — Tests Using Master Test Frame
Addendum	1	
218-233-508	1	Plant Register — Part 8 — Tests Using Master Test Frame
218-233-509	2	Plant Registers — Part 9 — Tests Using Master Test Frame
218-233-510	2	Plant Registers — Part 10 — Tests Using Master Test Frame
218-233-511	3	Plant Registers — Part 11 — Tests Using Master Test Frame
218-233-512	1	Plant Registers — Part 12 — Tests Using Master Test Frame
218-233-513	1	Plant Registers — Part 13 — Tests Using Master Test Frame
218-233-514	2	Plant Registers — Part 14 — Tests Using Master Test Frame
218-233-515	2	Plant Registers — Part 15 — Test Using Master Test Frame
218-233-516	2	Plant Registers — Part 16 — Tests — No. 5 Crossbar Offices
Addendum	1	
218-233-517	1	Plant Registers — Part 17 — Tests Using Master Test Frame
218-234-501	1	Message Timing Circuits SD-27542-01 — Tests for Metered Lines and Trunks
218-235-501	1	Message Register Pulsing Junctor Circuit SD-28108-01 — Auxiliary Line Circuit for Remote Message Registration SD-28109-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-237-301	1	60 and 120 IPM Interrupter Circuits — Alarm Routine
218-237-302	1	60 and 120 IPM Interrupter Circuits — Taking Equipment Out of Service
218-237-501	4	60- and 120-IPM Interrupter Circuit SD-25742-01 — Tests
218-238-501	3	30-IPM Interrupter Circuit SD-27637-01 — Tests
218-239-501	1	Interrupter Circuit SD-27510-01 — Tests
218-240-301	5	Trunk Testing Procedures Using Automatic Recycle Feature of Trunk Test Circuit SD-25918-01
218-245-501	5	Customer Line and Outgoing Trunk Conductors — Voltmeter Tests Using Master Test Frame
218-246-501	6	Trunk Transmission Tests — Circuits Terminated on Trunk Link Frame Using Master Test Frame
218-246-502	3	Trunk Transmission Tests — Circuits Terminated on Line Link Frame Using Master Test Frame — No. 5 Crossbar Offices
218-246-503	2	Manual Trunk Transmission Tests Using Remote Office Test Line
218-246-506	1	Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Using Master Test Frame — No. 5 Crossbar Offices
218-246-701	1	Transmission Test Pads — MTF Trunk Test Circuit SD-25918-01 — Adjustments

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218-247-501	11	Intraoffice Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01
218-248-301	1	Trunk Operational Test — Remote Office Test Line
218-249-501	4	Intermarker Group Trunks — Subscriber to Trunk — Tests Using Trunk Test Circuit SD-25918-01
218-249-502	5	Intermarker Group Trunks — Subscriber to Subscriber — Tests Using Trunk Test Circuit SD-25918-01
218-249-503	3	Intermarker Group Trunks — Trunk to Subscriber — Tests Using Trunk Test Circuit SD-25918-01
Addendum	1	
218-251-501	11	Incoming Trunk Circuit — Noncentrex — Tests Using Master Test Frame (MTF) — No. 5 Crossbar Offices
218-251-502	1	Incoming Trunk Circuits — Centrex — Tests Using Trunk Test Circuit SD-25918-01
218-252-501	5	Incoming Intertoll and Incoming Features of 2 Way Intertoll Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-253-501	3	Incoming Trunks — Tests Using Manual Outgoing Trunk Test Circuit SD-95476-01
218-254-501	6	Toll Switching Trunks, Operator Completing Trunks, and Operator Junctor Circuits From No. 1, 3, 3C, or 3CL Toll Switchboards in Same Building — Tests
218-257-501	5	2-Way Intertoll Trunk Circuits SD-27654-01 — Tests Using Trunk Test Circuits SD-25918-01 — No. 5 Crossbar Offices
218-257-502	4	2-Way Intertoll Trunk Circuits SD-27655-01 — Tests Using Trunk Test Circuit SD-25918-01
218-258-501	8	2-Way Trunks to Community Dial Offices — Tests Using Trunk Test Circuit SD-25918-01
218-258-502	1	2-Way Trunk SD-25667-01 — Arranged for Use With 23-Type Desk and 3C or 3CL Switchboard
218-259-501	3	2-Way Operator Office Trunk Circuit SD-27593-01 — Tests Using Trunk Test Circuit SD-25918-01 and No. 1, 3, 3C, or 3CL Toll Switchboards
218-260-501	2	No. 101 ESS™ Central Office Trunk Circuit SD-1H077-01 — Tests Using Trunk Test Circuit SD-25918-01
218-262-501	11	Trunk Operational Tests — Using Automatic Progression Trunk Test Circuit SD-25938-01
218-262-502	5	Transmission Tests — Using Automatic Progression Trunk Test Circuit SD-25938-01 and Automatic Transmission Measuring System
218-262-503	1	Manual Trunk Transmission Tests — Using Automatic Progression Trunk Test Circuit SD-25938-01 — No. 5 Crossbar Offices
218-263-501	4	Junctor Circuit SD-27713-01 for Use as Off-Net Access Line — Tests Using Trunk Test Circuit SD-25918-01
218-264-501	5	Outgoing Announcement Trunks — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-265-501	3	Auxiliary Outgoing Trunk — SD-26084-01 — Tests Using Trunk Test Circuit SD-25918-01
218-266-501	3	Auxiliary Outgoing Trunks SD-25851-01 and SD-25852-01 for Use With Ringdown Intertoll Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-267-501	8	Auxiliary Outgoing Trunks and Toll Switching Trunks — Tests Using Master Test Frame
Addendum	1	
218-268-501	9	Outgoing Intertoll Trunks — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-269-501	4	Outgoing Trunks for Intertoll Completion
218-270-501	4	Combination Outgoing and Toll Switching Trunks — Tests Using Trunk Test Circuit SD-25918-01

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218-271-501	11	Outgoing Trunk and Junctor Circuits — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-271-504	4	Outgoing Trunk Circuit SD-27712-01 to Off-Net Access Line — Tests Using Trunk Test Circuit SD-25918-01
218-272-501	4	Outgoing Intertoll Trunk Circuits and Outgoing Portion of Intraoffice Arrangements per ES-27601-01 for Data Service — Tests Using Trunk Test Circuit SD-25918-01
218-273-501	5	Outgoing Trunks — Tests Using Manual Outgoing Trunk Test Frame SD-95476-01 — No. 5 Crossbar Offices
218-274-501	2	Incoming Intertoll Trunks and Incoming Portion of Intraoffice Arrangements per ES-27601-01 — Tests Using Trunk Test Circuit SD-25918-01
218-275-501	5	Junctor Circuit SD-27725-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-277-501	2	Remote Line Circuit SD-27858-01 — Tests Using Trunk Test Circuit SD-25918-01
218-277-502	4	2-Way Trunk Circuit SD-27836-01 for Off-Net Access Service — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-277-503	2	Attendant Trunk Circuit SD-27838-01 for Remote Attendant — Test Using Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-277-504	2	Attendant Access Trunk SD-27851-01 for Use With 608A Switchboard — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-277-505	3	Attendant Access Trunk Circuit SD-27857-01 for Use With Console (CCSA) — Tests Using Trunk Test Circuit SD-25918-01
218-277-506	3	Outgoing Intertoll Trunk Circuit SD-27878-01 for Off-Net Access Service — Tests Using Trunk Test Circuit SD-25918-01
218-279-501	7	Reverting Call Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-280-501	9	Outgoing Information, Outgoing Repair Service, Outgoing Official PBX, Common Overflow, Tone, and Associated Auxiliary Trunks From Trunk Link Frame — Tests Using Trunk Test Circuit SD-25918-01
218-280-502	2	Outgoing Trunk Circuit for Information Service SD-28080-01 — Tests Using Master Test Frame
218-282-501	8	Recording Completing, Special Service, Intercepting, and Associated Auxiliary Trunks From Trunk Link Frame — Tests Using Master Test Frame
218-283-501	10	Verification Request, Intercepting, Official PBX, Information, and Repair Service Trunks and Intercept Junctors From Line Link Frame — Tests Using Master Test Frame
218-284-501	5	Trunks to Local Test Desk No. 14, Local Test Cabinet No. 3, and Associated Auxiliary Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-285-501	7	Free Trunks and Associated Auxiliary Trunks — Tests Using Trunk Test Circuit SD-25918-01
218-286-301	2	Permanent Signal Holding Trunk, Concentrating, Timing and Associated Auxiliary Trunk Circuits — Taking Equipment Out of Service
218-286-501	8	Permanent Signal Holding Trunk, Concentrating, Timing, and Associated Auxiliary Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01
218-286-502	2	Trunk Appearance Circuit SD-27156-01 and Overflow Links Associated With Overflow Trunk Circuit SD-27155-01 for Use With Permanent Signal Expanded Routing — Tests Using Master Test Frame
218-287-501	1	No-Such-Number Signal Tone Trunks — Tests Using Trunk Test Circuit SD-25918-01

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218-288-501	2	No-Circuit Signal Trunks SD-26158-01 — Tests Using Trunk Test Circuit SD-25918-01
218-289-501	8	Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 — Tests Using Trunk Test Circuit SD-25918-01
218-290-501	2	Stuck Coin Trunks SD-25763-01 — Tests Using Trunk Test Circuit
218-291-501	3	Dial Coin Zone — Outgoing Trunk or Junctor Circuit SD-26078-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices

218-3 Centrex Offices

Number	Issue	Subject
218-320-501	3	Attendant Access Trunk SD-27583-01, SD-27937-01 — Tests Using Test Position Circuit SD-27589-01 or SD-27695-01 — Arranged for Phase II or III Centrex
218-321-501	4	Attendant Trunk Circuit SD-27582-01 — For Use With Console Operation — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex
218-322-501	5	Attendant Trunk Circuit SD-27622-01 for Use With 608A Switchboard — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex
218-322-502	3	Attendant Trunk Circuits SD-27721-01 and SD-27722-01 for Use With 608A Switchboard — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex
218-323-501	5	Position Link Circuit SD-26185-01 — Miscellaneous Tests — Arranged for Phases I, II, and III Centrex
218-324-501	6	Position and Position Loop Circuit SD-27589-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex Manual Transfer
218-325-501	2	Conference Control Circuit and Auxiliary Conference Control Circuit — Tests Using Test Position Circuit SD-27589-01 and Trunk Test Circuit SD-25918-01 — Arranged for Phases II and III Centrex
218-326-501	1	Calls-Waiting Signal Circuit SD-27653-01 — Tests — Arranged for Phase II or III Centrex
Addendum	1	
218-327-501	3	Line Busy Verification Trunk Circuit SD-27812-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase I, II, or III Centrex
218-328-501	2	Access Group Controller Circuit SD-27748-01 — Tests — Arranged for Phases I, II, and III Centrex
Addendum	1	
218-329-501	1	Touch-Tone Calling Signal to Dial Pulse Converter Circuit ES-26505-01 — Tests Using Converter Test Circuit ES-26508-01 Arranged for Phase I, II, and III Centrex
218-330-701	2	High Impedance Tone Generator SD-27825-01 — Adjustment — Arranged for Phase I, II, or III Centrex
218-331-501	2	Intraoffice Trunk Circuit SD-27579-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices
218-332-501	2	Intraoffice Trunk Circuits SD-27685-01 — Tests Using Trunk Test Circuit SD-25918-01
218-340-501	4	Attendant Trunk SD-27689-01 for Use With Console Operation — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex
218-341-501	3	2-Way Trunk Circuit SD-27865-01 — Arranged for Console Operation — Tests Using Trunk Test Circuit SD-25918-01
218-341-502	2	2-Way Trunk Circuit SD-27865-01 Arranged for 608A Switchboard Operation — Tests Using Trunk Test Circuit SD-25918-01

Number	Issue	Subject
218-342-501	2	Auxiliary Outgoing Trunk Circuit ES-26289-01 — Tests
218-343-501	2	Night Answering Trunk SD-27682-01 — Tests Using Master Test Frame
218-344-501	4	Transfer Trunk Circuits SD-27688-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex
218-346-501	6	Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Automatic Monitor, Register and Sender Test Circuit SD-25680-01 — Arranged for Phase III Centrex
Addendum	1	
218-346-502	4	Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Test Set SD-25676-01 — Arranged for Phase III Centrex
218-346-503	2	Station Dial Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Test Set SD-25676-01 — Arranged for Phase I and II Centrex
218-346-504	2	Transfer Register SD-27667-01 — Dial Pulse or Touch-Tone Signaling Tests Using Automatic Monitor, Register and Sender Test Circuit SD-25680-01 — Arranged for Phase I and II Centrex
218-347-501	2	Dial Transfer Trunk Circuits SD-27668-01 — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — Arranged for Phase I or Phase II Centrex
218-348-501	2	Transfer Register Identifier Connectors — Tests — Arranged for Phase III Centrex
218-349-501	2	Transfer Register Link Circuits — Tests
218-350-501	3	Transfer Line Identifier and Connector Circuit — SD-27690-01 — and Line Identifier Power Supply Circuit — Tests Using Master Test Frame — Arranged for Phase III Centrex
Addendum	1	
218-352-501	6	Position and Position Loop Circuit SD-27695-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex
218-353-501	3	Line Circuit SD-27945-01 — Tests Using the Master Test Frame Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase III Centrex — Centralized Attendant Operation
218-353-502	2	Line Circuit SD-27896-01 — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex — Centralized Attendant Operation
218-353-503	2	Attendant Line Circuit — SD-26378-01 — Tests Using Master Test Frame Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Centralized Attendant Operation
218-354-501	1	Attendant Outgoing Trunk Circuit — SD-26380-01 — Tests Using Master Test Frame Trunk Test Circuit — SD-25918-01 — Arranged for Phase III Centrex — Centralized Attendant Operation
218-355-502	3	Incoming Trunk Circuit SD-27897-01 — Test Using Master Test Frame Trunk Test Circuit SD-25918-01 — Arranged for Phase III Centrex — Centralized Attendant Operation
218-355-503	1	Attendant Incoming Trunk — SD-26379-01 — Tests Using Master Test Frame Trunk Test Circuit SD-25918-01 — Arranged for Phase II Centrex Centralized Attendant Operation
218-355-504	1	Attendant Incoming Trunk — SD-26381-01 — Tests Using Master Test Frame Trunk Test Circuit — SD-25918-01 — Arranged for Phase III Centrex Centralized Attendant Operation
218-357-501	1	2-Way Intertoll Trunk Circuit SD-28126-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase III Centrex

Number	Issue	Subject
218-357-502	1	2-Way Intertoll Trunk Circuit SD-28126-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase II Centrex
218-399-501	4	Incoming Trunk Circuits — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — Arranged for Phase I Centrex
218-399-502	4	Attendant Trunk Circuit SD-26270-01 for Use With Console Operation — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Phase I Centrex
218-399-503	3	Attendant Trunk Circuit SD-26503-01 for Use with Modified 608A Switchboard — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — Arranged for Phase I Centrex
218-399-504	4	Auxiliary Outgoing Trunk Circuit ES-26288-01 and 2 Way Tie Trunk Circuit SD-26588-01 — Tests
218-399-505	4	2-Way Intertoll Trunk Circuit SD-27654-01 — Tests Using Trunk Test Circuit SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase I Centrex
218-399-506	4	Intraoffice Trunk Circuit — SD-26259-01 — Tests Using Trunk Test Circuit ES-26285-01 or SD-25918-01 — No. 5 Crossbar Offices — Arranged for Phase I Centrex
218-399-507	3	Auxiliary Outgoing Trunk Circuit ES-26274-01 and 2-Way Tie Trunk Circuit SD-26588-01 — Tests — No. 5 Crossbar Offices Arranged for Phase I Centrex
218-399-508	1	Incoming Register Link Circuits — Wire- Spring-Relay Type — Tests — Arranged for Phase I Centrex
218-399-512	1	Timing Circuit ES-26510-01 — Tests — Arranged for Phase I Centrex
218-399-514	1	Miscellaneous Alarm Circuit ES-65835-01 Modified for Connection to Auxiliary Alarm Circuit — Tests — Arranged for Phase I Centrex
218-399-515	1	Attendant Loop Circuit ES-65843-01 — For Use With Modified 608A Switchboard — Tests — Arranged for Phase I Centrex
218-399-519	2	Calls-Waiting Signal Circuit SD-26271-01 — Tests — Arranged For Phase I Centrex
218-399-520	1	2-Way Intertoll Trunk Circuit SD-28126-01 Tests — Using Trunk Test Circuit SD-25918-01 — Arranged For Phase 1 Centrex

218-4/5 Offices With Office Test Frame

218-400-501	3	Line Verification — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595- 950)
218-401-501	4	Line Verification — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-402-501	2	Customer Line and Outgoing Trunk Conductors — Voltmeter Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-403-301	2	Method of Handling Permanent Signals on Permanent Signal Holding Trunks Using Office Test Frame Test Circuit SD-27633-01 (H-595-950 and J23260)
Addendum	1	
218-404-500	1	Trouble Reference Guide — Part 1 — Index
218-404-501	1	No. 5 Crossbar — Trouble Reference Guide — Part 2 — BIN LISTINGS — A
218-404-502	1	No. 5 Crossbar — Trouble Reference Guide — Part 3 — BIN LISTINGS — B, C, D, E, F
218-404-503	1	No. 5 Crossbar — Trouble Reference Guide — Part 4 — BIN LISTINGS — G, H, I, J, K, L
218-404-504	1	Trouble Reference Guide — Part 5 —Office Test Frame — Bin Listing — M
218-404-505	1	No. 5 Crossbar — Trouble Reference Guide — Part 6 — BIN LISTINGS — N, O, P, Q, R

Number	Issue	Subject
218-404-506	1	No. 5 Crossbar — Trouble Reference Guide — Part 6 — BIN LISTINGS — S, T, U, V, W, X, Y, Z
218-404-507	1	No. 5 Crossbar — Trouble Reference Guide — Part 8 — For Call Data Transmitter
218-404-510	1	Trouble Reference Guide — Part 11 — Test Methods — No. 5 Crossbar Offices
218-410-501	1	Line Link Circuits
218-410-502	2	Line Link Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Addendum	3	
218-411-501	1	Call Waiting Feature — Tests Using Office Test Frame SD-27633-01 (J23260)
218-412-501	4	Line Link Pulsing Line Circuits SD-27617-01, SD-27618-01, SD-27619-01, SD-27620-01, and SD-27669-01 and SD-27942-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-412-502	2	Automatic Intercept System Line Circuits SD-27892-01 and SD-27893-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices Not Arranged for Line Link Outpulsing
218-412-503	2	Line Link Pulsing Circuit SD-27729-01 and SD-27730-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-415-501	1	Trunk Link Circuits
218-415-502	2	Trunk Link Circuits Tests — Using Office Frame Test Circuits SD-27633-01 (J23260) — No. 5 Crossbar Offices
Addendum	1	
218-420-501	1	Dial Tone Marker Circuits — Tests Using Office Test Frame
218-421-501	3	Dial Tone Marker Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Addendum	1	
218-422-501	1	Completing Markers
218-422-502	2	Completing Markers — Miscellaneous Tests
218-423-001	1	Alphabetical Index — Completing Marker Tests — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-501	3	Completing Marker Tests — Part 1 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-502	1	Completing Marker Tests — Part 2 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-503	1	Completing Marker Tests — Part 3 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-504	1	Completing Marker Tests — Part 4 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-505	1	Completing Marker Tests — Part 5 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-506	1	Completing Marker Tests — Part 6 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-507	1	Completing Marker Tests — Part 7 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-508	1	Completing Marker Tests — Part 8 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-509	1	Completing Marker Tests — Part 9 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-510	1	Completing Marker Tests — Part 10 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)

Number	Issue	Subject
218-423-511	1	Completing Marker Tests — Part 11 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-512	1	Completing Marker Tests — Part 12 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-513	1	Completing Marker Tests — Part 13 — Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-423-514	1	Completing Marker Tests — Part 14 — Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices Arranged With Call Data Transmitter
218-431-501	3	Incoming Register Pretranslator SD-27969-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-432-502	2	Regular Pretranslator SD-25568-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (H595-950)
Addendum	1	
218-433-501	3	Regular Pretranslator SD-25568-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-433-502	3	IDDD Pretranslator SD-27849-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-434-501	4	Group-Busy Circuits — For Originating and Incoming Registers and for Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-434-502	2	Traffic Register Circuits — Group-Busy Features for Originating and Incoming Registers and for Senders — Tests Equipped with Office Test Frame Test Circuit SD-27633-01 (J23260)
218-435-501	3	Group-Busy Circuits — For Originating and Incoming Registers and for Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
218-435-502	1	Traffic Register Circuits — Group-Busy Features for Originating and Incoming Registers and for Senders — Tests
218-436-501	5	Originating Registers — Dial Pulse or Touch-Tone Calling SD-26040-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
218-437-501	6	Originating Registers — Dial Pulse of Touch-Tone Calling SD-26040-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Addendum	1	
218-439-501	2	Dial Pulse Incoming Registers
Addendum	1	
218-440-501	4	Dial Pulse Incoming Registers SD-26041-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-443-501	2	Multifrequency Incoming Registers
218-444-501	3	Multifrequency Incoming Register SD-26042-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Addendum	2	
218-450-501	2	Outgoing Dial Pulse Senders
Addendum	1	
218-451-501	3	Outgoing Dial Pulse Sender SD-26050-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Addendum	2	
218-456-501	3	Multifrequency Outgoing Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
Addendum	1	
218-457-501	5	Multifrequency Outgoing Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)

Number	Issue	Subject
218-457-502	3	Automatic Intercept System — Outgoing Sender SD-27882-01 — Tests Using Office Test Frame SD-27633-01 (J23260) — Not Arranged for Line Link Pulsing
218-460-501	1	Outgoing Sender Connector and Outgoing Sender Link Circuits
Addendum	1	
218-461-501	2	Outgoing Sender Connector and Outgoing Sender Link Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Addendum	1	
218-461-502	1	Outgoing Sender Connector SD-27888-01 and Outgoing Sender Line Connector SD-27889-01 for Automatic Intercept System — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices not Arranged for Line Link Pulsing
218-465-501	2	Number Group Circuits — Tests Using Office Test Frame
218-465-502	1	Number Group Circuits — Tests Using Office Test Frame SD-27633-01 (J23260)
218-470-501	3	Translators — Offices Arranged for LAMA or ANI
Addendum	1	
218-471-501	2	Translators — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — Arranged for LAMA or ANI
218-472-501	5	Transverters SD-25591-01 and SD-26161-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595- 950)
218-472-503	4	Transverter SD-25591-01 — Miscellaneous Tests — Using Trouble Indicator
218-473-501	5	Transverters SD-25591-01 and SD-26161-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-474-501	4	LAMA Recorder and Recorder Connector Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (H595-950)
218-475-501	3	LAMA Recorder and Recorder Connector Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-476-501	3	Call Identity Indexer Circuit SD-25621-01 — Tests Using Office Test Frame (J26230) — No. 5 Crossbar Offices
Addendum	1	
218-476-502	1	Call Identifier Indexer Circuit SD-25621-01 — Tests Using Office Test Frame SD-27633-01 (H-595-950)
218-501-501	2	Coin Supervisory and Coin Supervisory Concentrating Circuits — Tests Using Office Test Frame SD-27633-01 (H-595- 950)
218-501-502	3	Coin Supervisory and Coin Supervisory Concentrating Circuits SD-25736-01 and SD-25721-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-502-501	2	Coin Supervisory Release Circuits
218-502-502	1	Coin Supervisory Release Circuit SD-25859-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-515-101	2	Office Test Frame — Description — SD-27633-01 (H-595-950)
218-516-101	1	Office Test Frame — Description — SD-27633-01 (J23260)
218-525-501	1	Emergency Line Circuits
218-526-501	1	Emergency Transfer Circuit — Dial to Manual Service
218-527-501	2	Auxiliary Line Circuit SD-26165-01 — Tests Using Office Test Frame — No. 5 Crossbar Offices
218-527-502	2	Auxiliary Line Circuit SD-26165-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-528-501	3	Outgoing Auxiliary Line Circuit SD-26164-01 for Public Emergency Reporting Service — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)

Number	Issue	Subject
218-528-502	2	Outgoing Auxiliary Line Circuit SD-26164-01 for Public Emergency Reporting Service — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-529-501	1	Dial Long Line Circuits — Coin
218-530-501	2	Dial Long Line Circuits — 2-Party Message Rate — Tests Using Office Test Frame Test Circuit SD-27633-01
Addendum	1	
218-531-501	1	Station Ringer Test Circuits SD-25861-01, SD-25927-01, and SD-26109-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-532-500	3	Traffic Register Lead Index — Equipped With Office Test Frame (J23260)
218-532-501	5	Traffic Registers — Part 1 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-502	3	Traffic Registers — Part 2 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-503	2	Traffic Registers — Part 3 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-504	2	Traffic Registers — Part 4 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-505	2	Traffic Registers — Part 5 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-506	2	Traffic Registers — Part 6 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-507	2	Traffic Registers — Part 7 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-508	3	Traffic Registers — Part 8 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-509	1	Traffic Registers — Part 9 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-510	1	Traffic Registers — Part 10 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-511	1	Traffic Registers — Part 11 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-532-512	1	Traffic Registers — Part 12 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-533-501	4	Plant Registers — Tests Using Office Test Frame — Test Circuit SD-27633-01 (H-595-950)
218-534-501	5	Plant Registers — Tests Using Office Test Frame — Test Circuit SD-27633-01 (J23260)
218-535-500	1	Traffic Register Lead Index — Equipped With Office Test Frame SD-27633-01 (H-595-950)
218-535-501	1	Traffic Registers — Part 1 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-535-502	1	Traffic Registers — Part 2 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-535-503	1	Traffic Registers — Part 3 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-535-504	1	Traffic Registers — Part 4 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-535-505	1	Traffic Registers — Part 5 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-535-506	1	Traffic Registers — Part 6 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-535-507	1	Traffic Registers — Part 7 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-535-508	1	Traffic Registers — Part 8 — Tests Using Office Test Frame SD-27633-01 (H595- 950)
218-540-501	1	Range Extender Unit — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-545-301	1	Trunk Operational Test — Remote Office Test Line
218-546-501	4	Trunk Transmission Tests Using Office Test Frame Test Circuit SD-27633-01 (H595- 950)

Number	Issue	Subject
218-546-506	1	Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-547-501	3	Intraoffice Trunk Circuits Tests Using Office Test Frame
218-548-501	4	Intraoffice Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-549-501	3	Trunk Transmission Tests Circuits Terminated on Trunk Link Frame Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-549-502	1	Trunk Transmission Tests Circuit Terminated on Line Link Frame Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-549-503	1	Manual Trunk Transmission Tests Using Remote Office Test Line and Office Test Frame
218-551-501	2	Incoming Trunk Circuits
218-552-501	4	Incoming Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-553-501	1	2-Way Operator Office
218-563-501	2	Outgoing Announcement Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 — No. 5 Crossbar Offices
218-564-501	1	Outgoing Announcement Trunks
218-565-501	2	Auxiliary Outgoing Trunk SD-26084-01 — Tests Using Office Test Frame SD-27633-01 (H595-950)
218-565-502	1	Auxiliary Outgoing Trunk SD-26084-01 — Tests Using Office Test Frame SD-27633-01 (J23260)
218-566-501	1	Official PBX Trunks
Addendum	1	
218-567-501	2	Common Overflow, Tone, Outgoing Information, Outgoing Official PBX, and Repair Service Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
218-568-501	5	Outgoing Information, Outgoing Repair Service, Outgoing Official PBX, Common Overflow, Tone, and Associated Auxiliary Trunks From Trunk Link Frame — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-568-502	2	Outgoing Trunk Circuit for Information Service SD-28080-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-569-501	2	Outgoing, Incoming, and 2-Way Intertoll Trunk Circuits Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) No. 5 Crossbar Offices
218-571-501	3	Outgoing Trunk and Junctor Circuits
218-572-501	4	Outgoing Trunk or Junctor Circuits — SD-26078-01, SD-26085-01, SD-26086-01, and SD-26087-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-573-501	3	Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
218-574-501	5	Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-579-501	3	Reverting Call Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
218-580-501	3	Reverting Call Trunks Tests Using Office Test Frame
218-581-501	3	Recording Completing, Special Service, and Vacant Code Intercepting Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices

Number	Issue	Subject
218-582-501	1	Recording Completing, Special Service and Vacant Code Intercepting Trunk Circuits
218-582-502	1	Intercept Junctor Circuit SD-27595-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — or No. 3 Local Test Cabinet
Addendum	1	
218-583-501	2	Verification Request, Intercepting, Official PBX, Information and Repair Service Trunks and Intercept Junctors From Line Link Frame — Tests Using Office Test Frame Test Circuit SD-27633-01 (H595- 950)
218-583-503	2	Verification Request, Intercepting, Official PBX, Information, and Repair Service Trunks From Line Link Frame Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) or No. 3 Local Test Cabinet No. 5 Crossbar Offices
218-584-501	2	Trunks to Local Test Desk No. 14 and Local Test Cabinet No. 3 — Tests Using Office Test Frame
218-585-501	1	Free Trunks
218-586-501	2	Permanent Signal Holding Trunk, Timing and Associated Auxiliary Circuits
218-587-501	1	Trunks to Local Test Desk No. 14 and Local Test Cabinet No. 3 — Tests Using Office Test Frame Test Circuit SD-27633-01
218-588-501	4	Free Trunks and Associated Auxiliary Trunks — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices
218-589-501	4	Permanent Signal Holding Trunk, Timing, and Associated Auxiliary Trunk Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260) — No. 5 Crossbar Offices

218-6 Automatic Call Distribution and Wideband

Number	Issue	Subject
Addendum	1	
❶ 218-600-501	3	Marker Circuit SD-27840-01 — Tests Using Master Test Frame
Addendum	2	
218-600-502	4	Marker Circuit SD-27840-01 — Miscellaneous Tests
218-600-503	2	Marker Circuit SD-27840-01 — Tests Using Automatic Call Distributor Test Circuit SD-27997-01
218-602-501	4	Line Circuit SD-27830-01 — Tests Using Master Test Frame
218-602-502	2	Line Circuit SD-27981-01 — Tests Using Master Test Frame — For Automatic Call Distribution
218-602-503	4	Line Circuit SD-28040-01 — Tests Using ACD Test Circuit SD-27997-01
218-602-504	1	Line Circuit SD-28048-01 — Tests Using Master Test Frame
Addendum	1	
218-602-505	2	Line Circuit SD-28048-01 — Tests Using ACD Test Circuit SD-27997-01
218-602-506	2	Line Circuit SD-28040-01 — Tests Using Master Test Frame
❶ 218-603-501	3	Line, Line Link, and Marker — Connector Control Circuit SD-27853-01 — Tests Using Master Test Frame
218-603-502	1	Line, Line Link, and Marker — Connector Control Circuit SD-27853-01 — Test Using ACD Test Circuit SD-27997-01
❶ 218-604-501	2	Line Link Marker Connector SD-27854-01 and Preference Control Circuit SD-26029-01 — Tests Using Master Test Frame
218-604-502	1	Line Link Marker Connector SD-27854-01 and Preference Control Circuit SD-26029-01 — Tests Using ACD Test Circuit SD-27997-01
218-605-501	3	Gate Control Circuit SD-27852-01 — Tests Using Master Test Frame — No. 5 Crossbar System — Arranged for Automatic Call Distribution

Number	Issue	Subject
Addendum	2	
218-605-502	2	Sequential Gate Control Circuit SD-27972-01 — Tests
❶ 218-606-501	3	Master Traffic Control Circuit SD-26020-01 — Tests
218-607-501	5	Traffic Register Circuit SD-25892-01 — Tests Using Master Test Frame
218-607-502	3	Traffic Register Circuit SD-25892-01 — Tests Using ACD Test Circuit SD-27997-01
218-608-501	2	Plant Register Circuit SD-25793-01 — Tests Using Master Test Frame
218-608-502	2	Plant Register Circuit SD-25793-01 — Tests Using ACD Test Circuit SD-27997-01
218-609-501	2	Fuse Alarms — Test
218-611-501	2	Master Test Frame Connector SD-27856-01 — Preference and Lockout Chains — Tests
218-611-502	1	Test Connector Circuit SD-28033-01 — Preference and Lockout Chains — Tests
218-612-501	4	Position Trunk Circuit SD-27829-01 — Tests Using Master Test Frame — No. 5 Crossbar System
218-612-503	2	Position Trunk Circuit SD-28041-01 — Tests Using Master Test Frame — No. 5 Crossbar System
218-612-504	3	Position Trunk Circuit SD-28041-01 — Tests Using ACD Tests Circuit SD-27997-01 — No. 5 Crossbar System
218-613-501	5	Trunk Transmission Tests — Using Master Test Frame
218-613-502	3	Test Circuit SD-27997-01 — Trunk Transmission Tests — No. 5 Crossbar Offices
218-614-501	2	Trunk Link Circuits SD-26032-01, SD-28051-01 — Tests Using Master Test Frame
218-614-502	1	Trunk Link Circuit SD-28051-01 — Tests Using ACD Test Circuit SD-27997-01
218-615-501	1	Position Trunk Gate and Control Circuit SD-27875-01 — Tests Using Master Test Frame
218-615-502	1	Position Trunk Gate and Control Circuit SD-27875-01 — Tests Using ACD Test Circuit SD-27997-01
218-616-501	1	Level Detector Circuit SD-28031-01 — Tests
218-617-501	1	Outgoing Trunk Circuit SD-28045-01 — Tests Using Master Test Frame
218-617-502	1	Outgoing Trunk Circuit SD-28045-01 — Tests Using ACD Test Circuit SD-27997-01
218-618-501	1	Digit Register Marker Connector and Control Circuit Tests
218-619-501	1	Digit Register Circuit SD-28009-01 — Tests Using Master Test Frame
218-619-502	2	Digit Register Circuit SD-28009-01 — Tests Using ACD Test Circuit SD-27997-01 — For Automatic Call Distribution
218-620-501	1	Junctor Circuit SD-28044-01 — Test Using Master Test Frame
218-620-502	2	Junctor Circuit SD-28044-01 — Tests Using ACD Tests Circuit SD-27997-01 — No. 5 Crossbar System for Automatic Call Distribution
218-621-501	1	Outgoing Trunk Circuit SD-28043-01 — Tests Using Master Test Frame
218-621-502	1	Outgoing Trunk Circuit SD-28043-01 — Tests Using ACD Test Circuit SD-27997-01
218-622-501	1	Service Assistant Position Trunk SD-28042-01 — Tests Using Master Test Frame — No. 5 Crossbar System For Automatic Call Distribution
218-622-502	2	Service Assistant Position Trunk SD-28042-01 — Tests Using ACD Test Circuit SD-27997-01
218-623-501	1	Announcement Control Circuit SD-28046-01 — Tests Using Master Test Frame — No. 5 Crossbar System For Automatic Call Distribution
218-623-502	2	Announcement Control Circuit SD-28046-01 — Tests Using ACD Test Circuit SD-27997-01
[A] 218-652-501	2	Wideband Junction Switch Group Marker Lockout Circuit — Tests

	Number	Issue	Subject
❑	218-654-501	1	Video Supervisory Signal Supply Circuit SD-27909-01 Associated with Wideband Link Circuit SD-27901-01 — Tests
[A]	218-661-501	1	Wideband Intercepting Trunk Circuit SD-26121-01 From Line Link Frame and/or Trunk Line Frame — Test Using Master Test Frame
❑	218-663-501	1	Intraoffice Trunk Circuit (Audio) SD-27915-01 and Wideband Intraoffice Trunk Circuit (Video) SD-27923-01 Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Wideband
❑	218-667-501	1	Line Link Pulsing 2-Way Line Circuit SD-27913-01 — Test Using Trunk Test Circuit SD-25918-01 — Arranged for Wideband
❑	218-675-501	1	Recording Completing, Inward Operator, or TX Trunk Circuit and Associated Audio Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01 — Arranged for Wideband
❑	218-677-501	1	Station Video Test Circuit — Tests Using Trunk Test Circuit SD-25918-01
❑	218-681-501	1	Continuity Test Circuit SD-1C292-01 Test Using Master Test Control Circuit SD-25800-01 — Arranged for Wideband

218-7/8 Sections Not Requiring Use of Master Test Frame or Office Test Frame

Number	Issue	Subject
218-700-301	2	Molded Covers Per ED-26560-01 — Mounting and Removing
Addendum	1	
218-701-301	5	Methods of Denying and Restoring Service on Customer Lines
218-702-301	4	Method of Handling Complaints and Requests Involving AMA Charge Irregularities
Addendum	1	
218-702-302	3	Central Office Automatic Message Accounting Equipment — Precautions to Limit Stoppages in No. 1 Accounting Center
218-702-303	2	Method of Handling Complaints and Requests Involving Charge Irregularities on Crossbar Tandem CAMA Calls
218-708-501	1	Plugging-Up Line Circuits SD-25741-01 — Tests
218-709-301	1	Emergency Line Circuit — Taking Equipment Out of Service
218-710-301	5	Line Load Control — Application
218-710-501	5	Line Load Control Equipment — Tests
218-712-501	9	Line Link and Transfer Line Link Marker Connectors — Wire-Spring-Relay Type — Tests — No. 5 Crossbar Offices
218-713-501	1	2-Part Bridge Lifter Circuit SD-99490-01 — Test
218-718-501	9	Dial Tone Markers — Miscellaneous Tests
218-719-501	10	Master Traffic Control Circuit SD-26020-01 Associated With Line, Line Link, or Transfer Line Link Marker Connectors — Tests
218-719-502	2	Master Traffic Control Circuit SD-26020-01 — Associated With Originating, Incoming, and Transfer Register Marker Connectors — Tests — No. 5 Crossbar Offices
218-719-503	2	Master Traffic Control Circuit SD-26020-01 — Associated With Transverter Connectors — Tests
Addendum	1	
218-721-501	7	Pretranslator Connectors SD-25569-01 — Tests — No. 5 Crossbar Offices
218-721-502	1	Pretranslator Connectors SD-27968-01 — Tests
218-724-501	2	Foreign Area Translator — Tests
218-724-502	2	Foreign Area Translators — Verification of Code Cross Connections
218-725-501	3	Foreign Area Translator Connectors — Tests
Addendum	1	
218-726-301	5	Translator SD-26019-01 and SD-25754-01 — Cross-Connections
218-727-501	4	AMA or ANI Translator Line Verification — Tests Using AMA Translator Line Verification Test Circuit SD-27632-01 (J24759)
218-729-301	1	Ringing Selection Switch Circuit — Taking Equipment Out of Service

Number	Issue	Subject
Addendum	1	
218-730-501	11	Originating, Incoming, and Transfer Register Marker Connectors — Wire-Spring Relay Type Tests
218-732-501	3	Incoming Register Link Circuits SD-26048-01 — Wire-Spring-Relay Type — Tests
218-733-301	1	Outgoing Sender Link Circuits — Taking Equipment Out of Service
218-734-301	2	Procedure for Changing AMA Tape — Arranged for Magnetic Tape Recording
Addendum	1	
218-734-501	2	Recorder and Recorder Control Circuit SD-94805-01 — Tests — Arranged for AMA Magnetic Tape Recording
218-734-502	4	Transfer and Make-Busy Circuit SD-94806-01 — Tests — Arranged for AMA Magnetic Tape Recording
218-735-301	4	Recorder and Recorder Connector — Alarm Routine — Arranged for AMA
218-735-302	5	Recorder and Recorder Connector Circuits — Taking Equipment Out of Service — Offices Arranged for AMA
218-736-301	1	Transverter — Alarm Routine — Offices Arranged for AMA
218-736-302	1	Transverters — Taking Equipment Out of Service — Offices Arranged for AMA
218-737-501	5	Automatic Number Identification (ANI) Transverter Connectors SD-26161-01 — Tests — No. 5 Crossbar Offices
218-738-501	2	ANI Transverter-Connectors — Tests
218-739-301	1	Transverter Connector — Alarm Routine — Offices Arranged for AMA
218-739-302	2	Transverter Connectors — Taking Equipment Out of Service — Offices Arranged for AMA
218-739-501	9	LAMA Transverter Connectors — Tests — No. 5 Crossbar Offices
218-740-501	4	Call Count Progress Control — Storage and Register Circuit — Tests
218-741-501	2	Coin Supervisory Link Circuits — Wire- Spring-Relay Type — Tests
218-742-301	1	Coin Supervisory Release Circuit — Alarm Routine
218-742-302	2	Coin Supervisory Release Circuit — Taking Equipment Out of Service
218-742-303	3	Coin Supervisory Circuit and Coin Supervisory Concentrating Circuit — Alarm Routine
218-742-304	2	Coin Supervisory Circuit and Coin Supervisory Concentrating Circuit — Taking Equipment Out of Service
▲218-743-000	1	Remote Office Test Line
218-743-001	1	Expanded ROTL (Remote Office Test Line) — Operation With 92A Control Unit — Maintenance and Trouble Isolation Procedures — No. 5 Crossbar Offices
218-743-101	1	Remote Office Test Line Arrangement — Descriptive Information
Addendum	1	
218-743-102	3	Expanded Remote Office Test Line — Equipped With Pollable Data Terminal No. 2A — No. 5 Crossbar Offices
218-743-103	3	Mini-ROTL (Mini Remote Office Test Line) — Description
218-743-104	2	Pollable Data Terminal No. 2A (PDT-2A) — Operation With Expanded Remote Office Test Line (ROTL) — Description — No. 5 Crossbar Office
218-743-105	3	EOTT/RTMB (Enhanced Operational Trunk Testing/Remote Trunk Make- Busy) Unit — Description
218-743-301	1	Remote Office Test Frame — Operational Procedures
218-743-303	1	Expanded Remote Office Test Line — System Evaluation Procedures
218-743-304	3	Expanded ROTL (Remote Office Test Line) — Equipped With PDT-2A (Pollable Data Terminal No. 2A) — Acceptance Tests — No. 5 Crossbar Offices

Number	Issue	Subject
218-743-305	1	EOTT/RTMB (Enhanced Operational Trunk Testing/Remote Trunk Make- Busy) Unit — "Local" Operating Instructions — No. 5 Crossbar Offices
218-743-310	2	Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A — Input/Output, Diagnostic, and Error Messages — Description
218-743-311	2	Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A — Diagnostic Test Procedures — No. 5 Crossbar Offices
218-743-312	2	Expanded Remote Office Test Line (ROTL) — Equipped With the Pollable Data Terminal No. 2A (PDT-2A) — Initialization and Recovery Procedures
218-743-501	1	Remote Office Test Frame — Tests
218-743-503	4	Mini-Remote Office Test Line Acceptance Tests and Trouble-Clearing Procedures — No. 5 Crossbar Offices
218-743-504	2	Enhanced Operational Trunk Test/Remote Trunk Make-Busy Unit — (Associated With Mini-Remote Office Test Line) — Acceptance Tests
218-743-505	1	Enhanced Operational Trunk Testing/Remote Trunk Make-Busy — Status and Control Unit — Operation — No. 5 Crossbar Offices
218-743-506	2	EOTT/RTMB (Enhanced Operational Trunk Test/Remote Trunk Make-Busy) Unit — Trouble Locating Procedures — No. 5 Crossbar Offices
218-743-510	2	Expanded Remote Office Test Line — Using the 92A Control Unit — Trunk Operational Tests — No. 5 Crossbar Offices
218-743-511	1	Expanded Remote Office Test Line — Transmission Tests — Using 92A Control Unit — No. 5 Crossbar Offices
218-743-512	3	Expanded ROTL (Remote Office Test Line) — Equipped With Pollable Data Terminal No. 2A — Priming and Error Information Using 92A Control Unit — No. 5 Crossbar Offices
Addendum	1	
218-743-513	2	Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A (PDT-2A) — Distributor and Scanner Lead Verification Procedures
218-743-514	2	Expanded Remote Office Test Line (ROTL) — Equipped With Pollable Data Terminal No. 2A (PDT-2A) — Miscellaneous Test Procedures
218-743-701	2	Remote Office Test Control Circuit SD-27727-01 — Build-Out Resistor Assembly Adjustment — No. 5 Crossbar System
218-743-702	1	Expanded ROTL (Remote Office Test Line) — Access Circuit SD-28035-01 — Build-Out Resistor Assembly Adjustment — No. 5 Crossbar Offices
218-743-703	2	Adjustment of Line Build-Out Network — Mini-Remote Office Test Line (Mini- ROTL) — No. 5 Crossbar Offices
218-743-704	1	ATMS-Responder — Adjustment of Drop Build-Out Capacitor — No. 5 Crossbar Offices
218-743-705	1	Mini-Remote Office Test Line — Adjustment of Drop Build-Out Capacitor — No. 5 Crossbar Offices
218-744-501	2	Incoming Trunk for Message Register Test — Voltage Adjustment Test
218-745-501	3	Continuity and Polarity Test of Outgoing Trunks at Outgoing Trunk Test Frame Using Test Circuit SD-96370-01
218-746-501	4	Line Message Registers — Tests Using Incoming Trunk for Message Register Test
218-748-501	3	Message Register Power Supply and Associated No Voltage Alarm and Cross Detecting Alarm Circuit Tests

Number	Issue	Subject
218-749-501	3	Immediate Ring Control Circuit SD-27820-01 — Miscellaneous Tests
218-752-501	7	Fuse Alarms — Tests — No. 5 Crossbar Offices
218-753-501	2	Voice Alarm and Control Circuit SD-27980-01 For Announcement System 7A Tests — No. 5 Crossbar
218-754-501	2	60- or 120-IPM Interrupter Circuit SD-25814-01 — Tests — Ringing Machine Operated
218-756-301	4	Alarm Sending Circuits — Taking Equipment Out of Service
218-756-501	6	Alarm Sending Circuit SD-95417-01 — Tests
Addendum	1	
218-756-502	2	Alarm Sending Circuit SD-27594-01 — For Use With Operator Office Trunks and Alarm Checking Facilities — Tests
218-758-501	4	Permanent Signal Alarm Circuit — Tests
218-759-501	2	Alarm Surveillance and Control System — Interconnection Circuit Tests — No. 5 Crossbar Offices
218-759-502	1	Alarm Surveillance and Control System — Overall Tests of Alarm, Status and Command Functions — No. 5 Crossbar Offices
218-760-701	1	Electron Tube Receiver Circuit SD-26118-01 (For Coin Control and Ringing Signal Detection) — Adjusting Procedure Using the No. 72A Frequency Meter SD-59373-01 (J64072A)
Addendum	1	
218-762-501	5	Directional Reservation Circuit SD-26154-01 — Tests — No. 5 Crossbar Offices
218-763-501	2	Dynamic Overload Control Circuit ES-27742-01 — Tests
218-763-502	3	Dynamic Overload Control Circuit SD-27866-01
218-763-503	4	Dynamic Overload Control Circuit SD-27970-01 — Tests
Addendum	2	
218-764-501	5	Preference Control and Make-Busy Circuits — Wire-Spring-Relay Type — Tests
218-765-301	1	No-Such-Number Tone Signal Circuits — Alarm Routine
218-765-302	1	No-Such-Number Tone Signal Circuit SD-25831-01 — Taking Equipment Out of Service
218-765-501	1	No-Such-Number Tone Signal Circuit SD-25831-01 — Tests
218-766-301	1	No-Such-Number Tone Signal Circuit SD-25791-01 — Taking Equipment Out of Service
218-766-501	3	No-Such-Number Tone Signal Circuit SD-25791-01 — Tests
Addendum	1	
218-768-501	1	Range Extender Tests Using Automatic Range Extension Test Circuit SD-27831-01
218-770-501	4	Line Insulation Test Frame — Maintenance and Calibration Tests — No. 5 Crossbar Offices
Addendum	1	
218-772-301	6	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms With Six- Second Timing — No. 5 Crossbar Offices
218-772-302	4	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service
218-772-303	3	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes
Addendum	1	
218-772-304	1	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms With One- Second Timing
218-772-501	9	Master Timing Circuit SD-25633-01 — Six Second Timing Features — Tests
Addendum	1	
218-772-502	2	Master Timing Circuit SD-25633-01 — One Second Timing Features — Tests

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218-773-301	2	Master Timing Circuit SD-94811-01 — Resetting Time, Daylight Saving Time, and Leap Year Changes — No. 5 Crossbar Offices Arranged for Magnetic Tape Recording
218-773-501	4	Master Timing Circuit SD-94811-01 — Tests — No. 5 Crossbar Offices Arranged for AMA Magnetic Tape Recording
218-774-301	1	Line Link Pulsing — PBX — Power Failure Make-Busy
218-779-000	1	Alphabetical Index — Arranged With Call Data Transmitter
218-779-101	1	Diagnostic Test Panel — Functional Description and Use — No. 5 Crossbar Offices Arranged With Call Data Transmitter
218-779-102	2	Cutover Procedures — No. 5 Crossbar Offices Arranged with Call Data Transmitter
Addendum	3	
218-779-103	1	Call Data Transmitter — Acceptance Test Procedures — No. 5 Crossbar Offices
218-779-104	2	System Initialization and Recovery Procedures — Arranged With Call Data Transmitter
218-779-105	2	Input-Output Messages — Using Diagnostic Test Panel — No. 5 Crossbar Offices Arranged With Call Data Transmitter
Addendum	1	
218-779-106	2	Trouble Record Error Codes — No. 5 Crossbar Offices — Arranged for Call Data Transmitter
218-779-107	1	Call Data Transmitter — Analysis of Error Code 18 — No. 5 Crossbar Offices
218-779-108	1	Call Data Transmitter Operations Under Failure Conditions — No. 5 Crossbar Offices
Addendum	2	
218-779-301	1	Diagnostic and Status Request Procedures Using Diagnostic Test Panel — No. 5 Crossbar Offices Arranged for Call Data Transmitter
218-779-303	2	Trunk Audits — No. 5 Crossbar Offices — Arranged With Call Data Transmitter
Addendum	1	
218-779-304	1	Plant and Traffic Register Lead Verification — No. 5 Crossbar Offices — Arranged With Call Data Transmitter
Addendum	2	
218-779-305	2	Trouble Record Diagnostics Procedures — No. 5 Crossbar Offices Arranged for Call Data Transmitter
Addendum	1	
218-779-306	2	System Cross-Connect Scan and Distribute Verification Procedures — No. 5 Crossbar Offices — Arranged for Call Data Transmitter
Addendum	1	
218-779-307	1	On-Line Wired Data Base Audit — No. 5 Crossbar Offices Arranged With Call Data Transmitter
218-779-501	1	Completing Marker Interface Circuit — Test Using Master Test Frame — No. 5 Crossbar Offices — Arranged With Call Data Transmitter
218-779-503	3	Translator Access Circuit — Tests Using Master Test Frame — No. 5 Crossbar Offices — Arranged With Call Data Test Transmitter
218-779-511	1	Completing Marker Interface Circuit — Test Using Office Test Frame — No. 5 Crossbar Offices Arranged With Call Data Transmitter
218-779-513	2	Translator Access Circuit Tests — Using Office Test Frame Test Circuit SD-27633-01 (J23260) — Arranged With Call Data Transmitter
218-779-701	3	Call Data Transmitter — Taking Equipment Out of Service — Procedures — No. 5 Crossbar Offices
218-779-702	1	Handling Call Data Transmitter (CDT) — Alarms — No. 5 Crossbar Offices
218-780-301	1	Outgoing Announcement Trunks — Taking Equipment Out of Service

Number	Issue	Subject
218-781-301	3	Information, Repair Service, Common Overflow, Tone and Associated Auxiliary Trunks — Taking Equipment Out of Service
218-782-301	2	Recording Completing, Special Service, Vacant Code Intercepting and Associated Auxiliary Trunk Circuits — Taking Equipment Out of Service
218-783-301	1	Two Way Trunks — To Community Dial Offices — Taking Equipment Out of Service
218-784-301	1	Free Trunks — Taking Equipment Out of Service
218-785-301	2	Verification Request, Intercepting and Information Service Trunks from Line Link Frame — Taking Equipment Out of Service
218-786-301	2	Incoming Trunk Circuits — Taking Equipment Out of Service
218-787-301	2	Outgoing Trunks — Taking Equipment Out of Service
218-788-301	1	Incoming Intertoll Trunks — Taking Equipment Out of Service
218-789-301	1	Outgoing Intertoll Trunks — Taking Equipment Out of Service
218-790-301	2	Intraoffice Trunk Circuits — Taking Equipment Out of Service
218-791-301	1	No-Such-Number Signal Tone Trunk — Taking Equipment Out of Service
218-792-301	1	Miscellaneous Incoming Trunks from Local Test Desk Toll or DSA Switchboard — Taking Equipment Out of Service
218-793-301	1	Toll Switching and Operator Completing Trunk Circuits — Taking Equipment Out of Service
218-794-301	2	Stuck Coin Trunk — Taking Equipment Out of Service
218-795-301	1	Outgoing Toll Switching Trunks — Taking Equipment Out of Service
218-796-301	1	Pulse Conversion Toll Switching Trunk Circuits — Taking Equipment Out of Service
218-797-301	2	Reverting Call Trunks — Taking Equipment Out of Service
Addendum	1	
218-798-000	1	Alphabetical Index — Arranged for LAMA-C
Addendum	1	
218-798-101	2	Error Message Number Translations — Arranged for LAMA-C
218-798-102	1	Trunk Register, Call Record, and Label Formats Arranged for LAMA-C
218-798-103	1	LAMA-C Acceptance Test — Procedures
218-798-301	2	Processor(s) Loading and Start-Up Procedures — Arranged for LAMA-C
Addendum	1	
218-798-302	1	Miscellaneous Operational Procedures — Arranged for LAMA-C
Addendum	1	
218-798-303	1	Input Message Formats and Procedures — Arranged for LAMA-C
Addendum	1	
218-798-304	1	Acknowledgement and Output Messages — Formats and Procedures — Arranged for LAMA-C
Addendum	3	
218-798-305	2	Recent Changes and Recent Change Tests — Formats and Procedures — Arranged for LAMA-C
218-798-306	1	Diagnostic Task Programs and Procedures Arranged for LAMA-C
218-798-307	1	Service Task Programs and Procedures — Arranged for LAMA-C
218-798-308	1	Taking LAMA-C Equipment Out of Service — Procedures — Arranged for LAMA-C
218-798-309	1	Generating, Storing, and Handling Back-Up Program Cassette Tapes — Arranged for LAMA-C
218-798-310	1	Call Process Counts — Arranged for LAMA-C
218-798-311	1	LAMA-C Cutover Procedures
218-798-501	1	PBX-AIOD Tests — Arranged for LAMA-C
Addendum	1	
218-798-502	1	Program Controlled Transverter SD-28085-01 — Tests Using the Master Test Frame — Arranged for LAMA-C

Number	Issue	Subject
Addendum	1	
218-798-503	1	Combined Program Controlled Transverter and Multifrequency Outgoing Sender — Tests Using Automatic Monitor, Register, and Sender Test Circuit — SD-25680-01 (ANI) — Arranged for LAMA-C
Addendum	1	
218-798-504	1	Combined Program Controlled Transverter and Multifrequency Outgoing Sender — Tests Using Sender Test Set SD-25674-01 (J24756A) (ANI) — Arranged for LAMA-C
Addendum	1	
218-799-000	2	Alphabetical Index — Arranged With Electronic Translation System
Addendum	1	
218-799-102	1	Data Dump Formats — No. 5 Crossbar Offices Arranged With Electronic Translation System
218-799-103	1	Trunk Register — Trunk Scanner, Row, and Bit Conversion Table — No. 5 Crossbar Offices Arranged With Electronic Translation System
Addendum	1	
218-799-104	1	Cutover Procedures — Arranged With Electronic Translation System (ETS)
218-799-105	1	Electronic Translation System — Acceptance Test Procedures — No. 5 Crossbar Offices
218-799-106	2	Electronic Translation System (ETS) — Acceptance Test Procedures for Telecommunications Alarm Surveillance and Control (TASC) System — No. 5 Crossbar Offices
218-799-107	2	Office Growth — Procedures and Acceptance Tests — Arranged With Electronic Translation System
218-799-108	1	New Generic Acceptance Test Procedures — No. 5 Crossbar Offices Arranged With Electronic Translation System
■ 218-799-200	1	Alphabetical and Numerical Index — Software Subsystem Description — No. 5 Crossbar Offices — Arranged With Electronic Translation System
■ 218-799-211	1	Data Dumps — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System
■ 218-799-212	1	Primary Scan and Distribute — Software Subsystem Description — Electronic Translation System — No. 5 Crossbar Offices
■ 218-799-214	1	Tape Handling — Software Subsystem Description — No. 5 Crossbar Offices — Arranged With Electronic Translation System
■ 218-799-215	1	Error Handling — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
■ 218-799-217	1	Terminal Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System
■ 218-799-220	1	Call Processing Software — Software Subsystem Description — No. 5 Crossbar Offices — Arranged for Electronic Translation System
Addendum	1	
■ 218-799-221	1	Preroute Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System
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218-9 4-Wire Circuits, No. 3, and No. 5A Crossbar

4-Wire

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218-920-503	1	4-Wire Originating Register SD-26044-01 — Tests Using Automatic Monitor, Register and Sender Test Circuit
218-924-501	3	4-Wire Multifrequency Outgoing Senders — Tests Using Sender Test Set, SD-25674-01 (J24756A)
218-924-502	2	4-Wire Multifrequency Outgoing Senders SD-26054-01 — Tests Using the Automatic Monitor, Register, and Sender Test Circuit SD-25680-01
218-925-501	4	4-Wire Dial Pulse Outgoing Senders — Tests Using Sender Test Set SD-25674-01 (J24756A)
218-925-502	2	4-Wire Dial Pulse Outgoing Senders SD-27614-01 — Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01
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❶ 218-965-521	1	Coin Supervisory and Coin Supervisory Release Circuits — Tests Using Test Circuit SD-26319-05
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● 218-986-507	1	Intercept Trunk Circuits — SD-26403-01, SD-26404-01, and SD-26446-01 — Tests Using Test Circuit SD-26411-01
● 218-986-508	1	Recording Completing, Special Service Trunk Circuits — Tests Using Test Circuit SD-26411-01
● 218-986-509	1	Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 — Tests Using Test Circuit SD-26411-01
● 218-986-510	1	Trunk Transmission Tests — Using Test Circuit SD-26411-01
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● 218-987-001	1	Marker Tests — Index — Using Test Circuit SD-26411-01
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● 218-987-502	1	Marker Tests — Part 2 — Using Test Circuit SD-26411-01
● 218-987-503	1	Marker Tests — Part 3 — Using Test Circuit SD-26411-01
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● 218-990-505	1	Alarm Sending Circuit SD-26442-01 — Tests
● 218-990-506	1	60-IPM or 120-IPM Interrupter Circuit SD-26407-01 — Tests
● 218-990-507	1	Auxiliary Line Circuit SD-26431-01 for Call-Waiting Service — Tests

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❶ 218-990-510	1	Voice Alarm and Control Circuit SD-26390-01 for Announcement System — Tests

Division 220

Crossbar Tandem Offices

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-020 Network Switched Services (Administration and Maintenance) Methods

-040 Measurements

-060 Network Design

220-1 Sender, Sender Link and Controller, Incoming Register, Incoming Register Link, Marker and Translator, Marker Connector, Office Links, Trunk Link and Connector and Associated Circuits

-100 General System Information

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	220-001-012	10	ETL — Senders
	220-001-013	10	ETL — Incoming Trunks
	220-001-014	7	ETL — Test Frames
	220-001-015	7	ETL — Miscellaneous
	220-001-016	11	ETL — Fuse Alarms
	220-001-017	13	ETL — CAMA Equipment
	220-001-018	9	ETL — No. 100A Traffic Service Position
	220-001-019	4	ETL — Outgoing Trunks
220-020 Network Switched Services (Administration and Maintenance) Methods			
❶	220-020-005	4	Network Switching Performance Measurement Plan — Network Switched Services
❶	220-020-010	1	Routing Verification — Switching Systems
	220-020-030	2	Ineffective Machine Attempt Report — Preparation and Analysis
❶	220-020-040	1	Transition Management — Method of Procedure
❶	220-020-050	1	Traffic Supervisory Cabinet
❶	220-020-055	1	Traffic Control Console
❶	220-020-110	1	Office Link Frame — Line and Trunk Administration
❶	220-020-112	1	Trunk Link Frame — Line and Trunk Administration
❶	220-020-114	1	Marker Assignments — Line and Trunk Administration
❶	220-020-116	1	Service Observing Assignments — Line and Trunk Administration
❶	220-020-118	1	Centralized Automatic Message Accounting — Computerized (CAMA- C) — Line and Trunk Administration
	220-020-510	3	Controlled Maintenance Plan — Description
❶	220-020-511	1	Administrative and Technical Operational Review — Network Maintenance Management Plan (NMMP)
	220-020-520	1	Portable Maintenance Equipment — Cords, Tools, and Materials
	220-020-530	1	Central Office Automatic Message Accounting Equipment — Precautions to Limit Stoppages in No. 1 Accounting Center
	220-020-540	1	System Administration — Computerized Maintenance and Administration Support System III (COMAS III) Generic 1
	220-020-541	1	System Administration — COMAS III Generic 2 — Machine Operation and Maintenance Administration
220-040 Measurement			
❶	220-040-010	1	Traffic Measurements — General Description
220-060 Network Design			
❶	220-060-100	1	Traffic Data for Engineering

	Number	Issue	Subject
❶	220-060-110	1	Supplemental Information
❶	220-060-120	2	Trunk Link and Office Link Frames — General Description
❶	220-060-130	1	Trunk Link and Office Link Frames — Determination of Quantities
❶	220-060-140	1	Trunks
❶	220-060-150	1	Sender Link Frames
❶	220-060-160	1	Senders
❶	220-060-170	1	Markers — General Description
❶	220-060-180	1	Markers — Determination of Quantities
❶	220-060-190	1	Incoming Registers
❶	220-060-200	1	Network Management Facilities
❶	220-060-210	2	Centralized Automatic Message Accounting
❶	220-060-220	1	Traffic Registers
❶	220-060-230	1	100A Traffic Service Positions Associated With Crossbar Tandem

220-1 Sender, Sender Link and Controller, Incoming Register, Incoming Register Link, Marker and Translator, Marker Connector, Office Links, Trunk Link and Connector and Associated Circuits

220-100 General System Information

	Number	Issue	Subject
	220-100-000	2	Crossbar Tandem — General Description Information
	220-100-001	2	Centralized Automatic Message Accounting (CAMA) — General Description Information
	220-100-003	1	General Description — Traffic Service Position (TSP) — Crossbar Tandem Switching System
❶	220-100-004	1	Centralized Automatic Message Accounting and Traffic Service Position Operation
	Addendum	2	
	220-101-501	3	Dial Pulse Senders — SD-25866-01 — Tests
	220-101-502	12	Revertive Pulse, Dial Pulse, and Multifrequency Senders — Using Automatic Sender Test Frame SD-25364-01
	220-102-501	1	PCI, DP, MF, and RP Sender — Relay Pulsing Requirement Tests
	Addendum	1	
	220-103-501	9	Dial Pulse Sender SD-25999-01 and 3- Digit Incoming Register SD-25534-01 — Tests Using Sender Test Frame SD-25963-01
	Addendum	2	
	220-103-502	1	Multifrequency Sender SD-27024-01 and 10-Digit Dial Pulse Register SD-27101- 01 — Test Using Sender Test Frame SD-25963-01
	Addendum	1	
	220-103-503	1	PCI Sender SD-25961-01 — Tests Using Sender Test Frame SD-25963-01
	220-103-504	1	Revertive Pulse Senders SD-25359-01 — Tests Using Sender Test Frame SD- 25963-01
	220-105-501	9	Sender Link and Controller Circuit — Tests
	220-107-501	3	Sender Register Connectors — Timing Tests
	220-109-501	4	Intersender Timing Control Circuit — Tests
	220-110-501	6	Sender Attachment Delay Recorder — Tests
	220-115-501	5	Incoming Register Circuit SD-25534-01 — Link Alarm Test
	220-115-503	6	Pulse Interrupter of RP Senders — Tests
	220-118-501	5	Incoming Register Links — Miscellaneous Tests
	220-119-301	6	Markers, Test Frames, and Traffic Register Distributing Frames — Cross-Connection Methods
	220-120-301	1	Cross-Connection and Record Forms
	220-121-301	7	Tandem Marker SD-25361-01 Cross Connections
	220-121-501	9	Markers and Translators — Tests Using Trouble Indicator
	220-121-502	1	Trouble Indicator Records
	220-121-503	9	Markers and Translators — Tests Using Trouble Recorder Frame
	Addendum	1	
	220-121-505	7	Markers and Translators — Miscellaneous Tests
	220-122-501	2	Pretranslator Test Using Pretranslator Test and Trouble Indicator Circuit

Number	Issue	Subject
220-123-501	3	Dynamic Overload Control Circuit SD- 27737-01 — Tests
220-125-501	3	Marker Connectors SD-25360-01 — Tests
Addendum	1	
220-125-503	4	Marker Connectors SD-25488-01 — Tests
220-128-301	3	Trunk Link and Office Link Frames — Alarm Routine
220-128-302	3	Office Link Frame — Taking Equipment Out of Service
220-128-501	5	Office Link and Connector Circuits — Tests
220-130-501	4	Trunk Link and Connector Circuits — Manual Tests
220-132-301	1	Tandem Trunk Frame — Taking Equipment Out of Service
220-137-501	1	Incoming Trunks Not Arranged for Remote Control Zone Registration — Tests Using Manual Test Set
220-137-502	4	Incoming Trunks — Tests Using Outgoing Trunk Test Frame SD-25177-01
220-137-503	10	Incoming Trunks not Arranged for Remote- Control Zone Registration or CAMA — Tests Using Test Set SD-25518-01 or SD-27058-01
220-137-504	3	Incoming Trunks — Tests Using Manual Outgoing Trunk Test Circuit SD-95476-
220-137-504	3	
220-138-501	3	Incoming Trunks — Arranged for Remote Control Zone Registration — Tests Using Automatic Test Circuit SD-25368-01
220-139-501	1	Auxiliary Incoming Trunk Circuit — Composite Signaling Type B — Tests Using Auxiliary Trunk Test Set SD-96424-01
220-141-501	2	Data Transfer Circuit SD-27100-01 — Tests
220-160-501	10	Trunks on Office Link Frame — Tests Using Automatic Incoming Trunk Test Circuit SD-25161-01
220-160-503	6	Outgoing Trunks — Tests Using Manual Outgoing Trunk Test Frame SD-95476-01
220-160-505	3	Continuity and Polarity Test of Outgoing Trunks at Outgoing Trunk Test Frame — Using Test Circuit SD-96370-01
220-160-507	4	Outgoing Trunks — Tests Using Outgoing Trunk Test Frame SD-25177-01
220-161-501	1	Announcement Connecting Trunk Circuit SD-27047-01
220-177-301	1	Remote Control Zone Registration — Cross-Connections
Addendum	1	
220-179-301	5	Interrupter Frame — Taking Equipment Out of Service

220-4 Miscellaneous Tests and Testing Equipment

220-401-501	11	Traffic Registers — Tests
220-403-501	10	Plant Registers — Tests
220-405-501	1	PBX DOD Trunk Circuit — Message Register Test
220-407-501	3	Alarm Sending and Transfer Circuits — Tests
220-408-501	1	Telecommunications Alarm Surveillance and Control (TASC) — Interconnection Circuit Tests
220-409-501	10	Outgoing Trunk Transmission Tests Using Manual Outgoing Trunk Test Frame SD- 25177-01 or SD-95476-01
220-412-301	5	Fuse Alarm Routine
220-412-501	9	Fuse Alarms — Tests
220-414-301	3	Motor Stop Alarm Routine
220-414-501	3	Motor Stop Alarm — Tests
220-420-301	4	Interrupter Checking Circuit Alarm Routine — Tandem Trunks
220-420-501	5	Interrupter Checking Circuit Alarms — Tandem Trunks
220-422-101	2	Computerized Maintenance and Administration Support III (COMAS III) — Description
220-422-301	3	Ineffective Attempt Feature (Generic 1) — Operating Procedures — Computerized Maintenance and Administration Support III (COMAS III)
220-422-302	2	Marker All Codes Test — Operating Procedures — Computerized Maintenance and Administration Support III (COMAS III)

Number	Issue	Subject
220-422-303	2	Computerized Maintenance and Administration Support III (COMAS III) — Trouble Sectionalizing
220-422-304	2	Input/Output Message Manual Computerized Maintenance and Administration Support III (COMAS III)
220-422-305	1	Trunk Group Data Base (Generic 2) Generation and Maintenance — Computerized Maintenance and Administration — Support III (COMAS III)
220-422-306	1	System Verification Tests (Generic 2) — Operating Procedures — Computerized Maintenance and Administration Support III (COMAS III)
220-422-307	2	Ineffective Attempt Feature — Generic 2 Operating Procedures — Computerized Maintenance and Administration Support III (COMAS III)
220-425-501	4	Traffic Control Circuit SD-27855-01 — Tests
220-430-101	2	Point-to-Point Data Recorder Frame SD- 27948-01 — Description
220-430-501	2	Point-to-Point Data Recorder Frame SD- 27948-01 — Tests
220-450-501	1	Sender Test Frame SD-25364-01 — Tests
220-451-501	7	Sender Test Frame SD-25963-01 — Tests
220-455-501	4	Marker Trouble Indicator — Tests
220-457-501	1	Trunk Automatic Test Circuit — Arranged for Zone Registration — Tests
220-459-501	8	Trunk Automatic Test Circuit SD-25960- 01 — Tests — Arranged for CAMA
220-460-101	3	Automatic Transmission Test and Control Circuit (ATTC) — Description
220-460-501	5	Automatic Transmission Test and Control Circuit SD-68446-01 and Associated Amplifiers and Amplifier-Rectifier — Tests
220-461-101	4	Incoming Trunk Test Frame SD-25161-01 — Description and Operation
220-461-301	9	Incoming Trunk Test, Connector, and Supplementary Frames — Cross- Connections
220-461-501	2	Incoming Trunk Automatic Test Circuit SD-25161-01 — Tests
220-461-502	1	Incoming Trunk Test Circuit SD-25161-01 — Compensation for Office Wiring When Using ATTC — Crossbar Tandem Switching Systems
▲220-462-000	2	Remote Office Test Line (ROTL)
220-462-101	2	Remote Office Test Line (ROTL) SD-28067- 01 — Descriptive Information
220-463-501	4	KS-13834 Perforator and Trouble Recorder Circuit — Tests

220-5 Automatic Message Accounting

Number	Issue	Subject
220-501-501	9	Transverters — Tests Using Sender Test Frame SD-25963-01 — Arranged for CAMA
220-501-503	8	Transverter — Miscellaneous Tests — Offices Arranged for CAMA
220-503-501	4	Transverter Connectors — Tests — Arranged for CAMA
220-505-501	4	Recorder and Recorder Connector Circuit SD-25872-01 — Tests — Arranged for AMA
Addendum	1	
220-506-501	2	Call Identity Indexer Circuit SD-25621-01 — Tests
220-507-501	7	Billing Indexer — Tests Using Sender Test Frame SD-25963-01 — Offices With CAMA
220-507-503	6	Billing Indexer — Miscellaneous Tests — Offices With CAMA
220-513-501	6	CAMA Suspension Circuit — Tests — Arranged for CAMA
220-515-501	8	CAMA Position Circuits — Operational Test and Transmission Measurement Using Sender Test Frame SD-25963-01
220-515-502	2	Remote CAMA Position Circuits — Operational and Transmissions Tests Using Manual Outgoing Trunk Test Frame
220-516-503	5	CAMA Calls Waiting Signal Circuit and CAMA 2-Way Signaling Circuit — Manual Tests

Number	Issue	Subject
220-517-301	1	Position Link and Controller Circuit — Analyzing Trouble Conditions — Offices Arranged for CAMA
220-517-501	4	Position Link Circuits SD-25964-01 — Tests Using Sender Test Frame SD- 25963-01
220-517-503	3	CAMA Position Link and Controller — Miscellaneous Tests
220-530-501	2	Line Observing Circuits — Tests Using Sender Test Frame — Offices Arranged for CAMA
220-531-501	9	Incoming Trunks — Tests Using Trunk Automatic Test Circuit SD-25960-01 — Arranged for CAMA
220-532-301	2	Verification of CAMA Trunk Decade Cross Connections on Sender Link Frames and Trunk Test Frame Using Trunk Automatic Test Circuit SD-25960-01 — Offices Arranged for CAMA
220-535-301	5	Master Timing Circuit SD-25633-01 With Six-Second Timing Features — Methods of Handling Alarms
220-535-302	2	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service
220-535-303	4	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes
220-535-304	1	Master Timing Circuit SD-25633-01 With One-Second Timing Features — Method of Handling Alarms
220-535-501	8	Master Timing Circuit SD-25633-01 Six- Second Timing Features — Tests
220-535-502	1	Master Timing Circuit SD-25633-01 — One-Second Timing Features — Tests

220-6 No. 100A Traffic Service Position

220-601-501	1	TSP Position Link and Connector — Tests
220-603-501	2	TSP Position Link Controller — Tests
Addendum	1	
220-604-501	1	Timer Link and Control Circuits — Tests
220-605-501	2	Traffic Regulator — Tests
Addendum	1	
220-610-501	3	Position and Position Control Circuits — Tests Using Position Test Circuit SD- 95984-01
220-610-502	3	Position and Position Control Circuits SD- 95909-01 and SD-95910-01 — Miscellaneous Tests
220-612-501	2	Selecting and Monitoring Circuit — Tests Using Position Test Circuit SD-95984-01
220-614-501	2	Control Signaling Circuits — Miscellaneous Tests
220-616-501	2	Position Signaling Circuit — Miscellaneous Tests
220-618-501	3	Operator Identified Trouble Tracing Circuit — Miscellaneous Tests
220-620-501	2	Chief Operator's Administration Circuit — Tests
220-624-501	1	Control Pulsing Circuit and MF Receiver Circuit — Tests Using Control Pulsing Test Circuit SD-95985-01
220-624-502	1	Control Pulsing Circuits — Miscellaneous Tests
220-626-501	1	Position Display Circuit and MF Receiver Circuit — Tests Using Position Display Test Circuit SD-95986-01
220-626-502	1	Position Display Circuits — Miscellaneous Tests
220-629-501	1	Transfer Trunks — Tests Using Transfer Trunk Test Circuit SD-27106-01
220-630-501	2	Delayed Call Trunk — Test
220-634-501	2	Allotter and Trouble Indicator — Tests
220-640-501	2	Coin Charge Computers — Tests Using Coin Charge Computer Test Circuit
220-642-501	4	Rater Circuit SD-95992-01 — Tests Using Rater Test Circuit SD-95993-01
220-644-501	5	Rate Calendar Circuit — Tests

Number	Issue	Subject
220-648-501	1	Position Test Circuit — Tests Arranged for 100A Traffic Service Position
220-650-501	3	Control Pulsing Test Circuit — Tests
220-652-501	3	Position Display Test Circuit — Tests
220-658-501	1	10-Digit Dial Pulse Register Circuit SD- 27101-01 — Link Alarm Test
220-660-501	2	Automatic Training Circuits — Tests Using Test Tapes

Division 225

Testing Information Applying to SpecificStep-By-Step and Community Dial Offices

225-0 Indexes and Administrative Practices

225-1 Line Switch and Plunger Type Out Trunk Switch Offices

225-2 350A Step-By-Step Offices

225-3 355A Community Dial Offices

225-4 356A Community Dial Offices

225-5 360A Step-By-Step Offices

225-6 35-E-97 Community Dial Offices

225-7 375A and 375B Community Dial Offices

225-8 North Electric Company CX-Type Community Dial Offices

Number	Issue	Subject
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225-001 Equipment Test Lists (ETL)		
225-001-010	1	Community Dial Switching Systems — Controlled Maintenance Plan
225-001-011	1	Line Switch, Plunger Type
225-001-012	2	Master Switches, Plunger Type
225-001-013	2	Out Trunk Switches
225-001-014	5	Equipment Unique to 350A Office
225-001-015	4	Equipment Unique to 355A Office
225-001-016	3	Equipment Unique to 356A Office
225-001-017	3	Equipment Unique to 360A Office
225-001-018	4	Equipment Unique to 35-E-97 Office
225-001-019	4	Equipment Unique to 375A/B Office
225-001-020	3	Equipment Unique to North Electric Co. Office
225-1 Line Switch and Plunger Type Out Trunk Switch Offices		
225-100 General System Information		
225-100-500	5	Primary Line Switch Relays — Plunger Type — Operation Tests
225-105-500	5	Primary Line Switch and Master Switch — Plunger Type — Operation Test
225-105-501	2	Traffic Registers Associated With Primary Line and Master Switches — Plunger Type — Operation Tests
225-110-500	3	Secondary Line and Master Switches With Allotters — Operation Tests
225-110-501	3	Secondary Line and Master Switches Without Allotters — Plunger Type — Operation Tests
225-110-502	1	All Trunks Busy Traffic Register Circuit Test — Secondary Line Switch
225-115-500	2	Line Message Registers Associated With Line Switch Equipment — Tests Using Message Register Test Set ES-360006 (X61163)
225-120-500	1	Class of Service Tone — Operation Test — Primary Line Switch Groups
225-125-500	1	Out Trunk Switch Relays — Plunger Type — Operation Test
225-130-500	2	Out Trunk Switch and Master Switch — Tests
225-130-501	1	Traffic Registers Associated With Plunger Type Out Trunk Switches — Operation Test
225-135-500	3	Individual Line Message Rate Trunks — Line Switch Type — Operation Tests Using Test Set ES-30290-01

	Number	Issue	Subject
225-2 350A Step-By-Step Offices			
	225-200-500	4	Local and Combination Connectors — Local Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02
	225-205-500	4	Toll and Combination Connectors — Toll Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02
	225-205-501	3	Toll and Combination Connectors — Toll Operation Tests Using Test Set SD- 90416-01 (J94704A)
	225-205-502	3	Toll and Combination Connectors — Toll Operation Tests Using Test Set SD- 90416-01 (J94704A) and Test Line SD-32198-01
225-3 355A Community Dial Offices			
225-300 355A Community Dial Offices			
❶	225-300-100	1	General
	225-300-500	3	Selector Repeaters — Operation Tests Using Test Set SD-31859-01 (J34722B)
	225-310-500	3	A-B Transmission Selectors — Operation Tests Using Test Set SD-31858-01 (J34701A)
	225-320-500	2	Outgoing Intercepting Trunks and Vacant Code Trunks — Operation Test Using Test Set SD-31858-01 (J34701A)
	225-320-501	2	Outgoing Intercepting Trunks and Vacant Code Trunks — Operation Test Using Test Set SD-31859-01 (J34722B)
	Addendum	1	
	225-325-500	2	Outgoing Interoffice Trunks — Operation Tests Using Test Set SD-31858-01 (J34701A)
	225-330-500	5	Message Rate Trunk Circuits — Operation Tests Using Test Set SD-31858-01 (J34701A)
	225-330-501	5	Message Rate Trunk Circuits — Operation Tests Using Test Set SD-31859-01 (J34722B)
	225-335-500	5	Coin Trunks — Postpayment Type — Operation Tests
	225-340-500	2	Switch Trouble, Fuse and Permanent Alarms — Operation Tests
	225-345-500	6	Trouble and Fuse Alarms — Miscellaneous Circuits — Operation Tests
	225-350-500	1	Traffic Registers — Operation Tests
225-4 356A Community Dial Offices			
	225-400-500	4	Local Connectors — Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD-30981-01
	225-405-500	1	Distributor Circuits — Operation Tests Using Test Set SD-31859-01 (J34722B)
	225-410-500	2	Switch Trouble, Fuse, Permanent and Miscellaneous Alarms — Operation Tests
	225-415-500	1	Traffic Registers — Operation Tests
225-5 360A Step-By-Step Offices			
	225-500-500	1	Toll or A-B Toll Transmission Selectors — Operation Test Using Dial Hand Test Set
	225-505-500	2	Combination Connectors — Toll Operation — Tests Using Test Set SD-90416- 01 (J94704A)
	225-505-501	2	Combination Connectors — Toll Operation — Tests Using Test Set SD-90416- 01 (J94704A) and Test Line SD-32198-01
	225-510-500	2	Reverting Call Equipment — Operation Tests Using Dial Hand Test Set
	225-515-500	1	Switch Trouble, Fuse and Permanent Alarms — Operation Tests
	225-520-500	1	Miscellaneous Trouble and Fuse Alarms — Operation Tests
	225-525-500	1	Traffic Registers — Operation Tests

Number	Issue	Subject
225-6 35-E-97 Community Dial Offices		
225-600-500	1	Line Finders With Control Circuit — Operation Tests Using Dial Hand Test Set
225-605-500	2	Selectors — Rotary Test Using 40C Test Set or Dial Hand Test Set
225-610-500	2	Local and Incoming Selectors — Operation Tests Using Test Set H-35348 or H-
225-610-500	2	
225-615-500	1	A-B Toll Transmission Selectors — Operation Tests Using Test Set SD-31858-01 (J34701A)
225-620-500	1	Reverting Call Selectors — Operation Tests Using Test Set H-35348 or H-35690
225-625-500	3	Local and Combination Connectors — Local Operation Tests Using Test Set H-35348 or H-35690
225-630-500	4	Auxiliary Coin Lines and Coin Trunks — Postpayment Type — Operation Tests
225-635-500	2	Outgoing Interoffice Trunks — Operation Tests Using Dial Hand Test Set
225-645-500	2	Trunks From Selector Levels — Continuity and Polarity Tests Using Dial Hand Test Set
225-650-500	3	Switch Trouble, Fuse, and Permanent Alarms — Operation Tests
225-655-500	1	Miscellaneous Trouble and Fuse Alarms — Operation Tests
225-660-500	1	Traffic Register Circuits — Operation Tests

Number	Issue	Subject
225-7 375A and 375B Community Dial Offices		
225-700-500	1	Line Finders — Operation Tests Using Dial Hand Test Set
225-705-500	1	Code Ringing Connectors — Operation Tests Using Dial Hand Test Set
225-710-500	1	Interoffice Trunks — Operation Tests
225-715-500	2	Alarms and Registers — Operation Tests
225-8 North Electric Company CX-Type Community Dial Offices		
225-800-500	1	Line Finder and Line Circuit — Call Through Test
225-805-500	2	Line Finders — Operation Tests
225-810-500	1	Selectors — Operation Tests
225-815-500	2	Connectors — Operation Tests
225-820-500	1	Superimposed Reverting Call Connectors — Operation Tests
225-825-500	1	Interoffice Trunks — Operation Tests
225-830-500	2	Call Through Tests
225-835-500	2	Alarm, Traffic Register and Ringing Transfer Circuits — Operation Tests — Offices With Non-Standard Alarm Indications
225-840-500	1	Alarm, Traffic Register and Ringing Transfer Circuits — Operation Tests — Offices With Standard Alarm Indications

Division 226

Equipment Common to More Than One TypeStep-By-Step and Community Dial Office

226-0 Indexes and Administrative Practices

-020 Network Switched Services (Administration and Maintenance) Methods

-060 Network Design

226-1 General Information

-100 General System Information

226-2 Line Finders, Trunk Finders, and Associated Circuits

226-3 Selectors

226-4 Connectors

226-5 Trunks and Trunk Circuits

226-6 Pulse Repeaters and Out-Trunk Switches

226-7 Traffic and Message Registers

226-8 Alarms, Switchboards, and Miscellaneous Equipment

226-0 Indexes and Administrative Practices

Number	Issue	Subject
226-000-000	32	Numerical Index — Division 226 — Equipment Common to More Than One Type Step-by-Step and Community Dial Office
226-000-005	2	Alphabetical Index — Step-by-Step and Community Dial Offices

226-001 Controlled Maintenance Plan and Equipment Test Lists (ETL)

Number	Issue	Subject
226-001-013	7	ETL — Toll Selectors
226-001-014	10	ETL — Toll Transmission Loop Dial Selectors
226-001-015	7	ETL — Toll Transmission Repeated Dial Selectors
226-001-018	4	ETL — Pulse Repeaters and Out Trunk Switches

226-020 Network Switched Services (Administration and Maintenance) Methods

Number	Issue	Subject
226-020-050	2	Network Administration Center — Center Evaluation — Step-by-Step Switching System

226-1 General Information

226-100 General System Description

Number	Issue	Subject
❑❶ 226-100-010	1	System Description — Local and Toll
❶ 226-100-012	1	General Description — Common Control
❶ 226-100-014	1	System Description — Centrex
❶ 226-100-016	1	System Description — Automatic Message Accounting — Local and Centralized
226-145-300	1	Cable Protective Device Alarm, Cable Insulation Alarm and Permanent Signal Alarm Circuit SD-31912-01 — Procedure in Case of Alarm
226-160-300	3	Method of Taking Equipment Out of Service
226-165-300	7	Associating Connector Terminals With Intercepting Trunks
226-170-700	4	Analysis and Correction of Pulsing Failures Using Pulsing Test Set SD-31481-01 (J34717A)

226-2 Line Finders, Trunk Finders, and Associated Circuits

Number	Issue	Subject
226-200-500	1	Line Finders — Without Control Circuit — Operation Tests Using Dial Hand Test Set
226-200-501	7	Line Finders — Without Control Circuit — Operation Tests — Using Trunk Test Set SD-90469-02 (J94710A) and Auxiliary Test Set SD-32173-01 (J34726)
226-200-502	9	Line Finders — Without Control Circuit — Operation Tests Using 2-Party Message Rate Type Test Set SD-31456-01 (J34715A) and Auxiliary Test Set SD- 32173-01 (J34726)

Number	Issue	Subject
226-200-503	6	Line Finders — Without Control Circuit — Operation Tests Using 2-Party Message- Rate Type Test Set SD-31151-01 (X61404A) or SD-31258-01 (J34702A) and Auxiliary Test Set SD-32173-01 (J34726)
226-200-504	4	Line Finders — Without Control Circuit — Operation Tests Using Trunk Test Set SD-90469-01 (J94710A)
Addendum	1	
226-200-505	10	Line Finders — Without Control Circuit — Operation Tests Using Individual Message-Rate Type Test Set — ES- 30417-01 (X-61351), SD-31246-01 (J34703A), or SD-31524-01 (J34718A) and Auxiliary Test Set SD-32173-01 (J34726)
226-200-506	2	Line Finders — Rapid Operation Tests Using Test Set SD-31725-01 (J34721A)
226-200-507	6	Line Finders — Operation Tests Using Test Set SD-90210-01 (J34704A) or SD-90416- 01 (J94704A)
226-200-508	4	Line Finders — Line Tests Using Test Set SD-90210-01 (J34704A) or SD-90416-01 (J94704A)
226-200-509	4	Line Finders — Line Tests Using 2-Party Message Rate Type Test Set — SD- 31151-01 (X-61404A), SD-31258-01 (J34702A) or SD-31456-01 (J34715A)
226-200-510	4	Line Finders — Line Tests Using Individual Message Rate Type Test Set — ES-30417-01 (X-61351), SD-31246-01 (J34703A), or SD-31524-01 (J34718A)
226-205-500	4	Line Finders — With Control Circuit — Operation Tests Using Dial Hand Test Set
226-210-500	2	Line Finders — Serving Two Classes of Lines — Normal Post Spring Operation Tests
226-215-500	6	Line and Trunk Finder Group and Chain Circuit — Miscellaneous Tests
226-220-500	7	Trunk Finders for Concentrating Intercepting and Verification Request Trunks — Operation Tests Using Trunk Test Set SD-90469-01 (J94710A) or SD-90469-02 (J94710A)
226-220-501	7	Trunk Finders for Concentrating Intercepting and Verification Request Trunks — Operation Tests Using Test Set SD- 31456-01 (J34715A) or SD-31524-01 (J34718A)

226-3 Selectors

Number	Issue	Subject
226-300-500	5	Pulsing Tests Using Pulsing Test Set SD- 31481-01 (J34717A)
226-300-501	4	Rotary Test Using Dial Hand Test Set
226-300-503	4	Rotary Test Using No. 40C Test Set
226-300-504	4	Rotary Test Using Test Set SD-31616-01 (J34716A)
226-300-505	2	Rotary Tests Using Test Set ES-30068-01 or SD-31115-01 (J34707A)
226-300-506	5	Rotary and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-300-507	6	B and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-305-500	9	Local and Toll Selectors — Operation Tests Using Dial Hand Test Set or 40C Test Set
226-305-501	4	Local and Toll — Operation Tests Using Test Set SD-31858-01 (J34701A)
226-305-502	4	Local and Toll — Operation Tests — Using Test SD-31859-01 (J34722B)
226-305-503	6	Local and Toll — Operation Test Using Test Set SD-90210-01 (J34704A) or SD- 90416-01 (J94704A)
226-305-504	2	Incoming and Intermediate — Seizure Test
226-310-500	3	Toll Transmission — Operation Tests Using Test Set SD-31858-01 (J34701A)

Number	Issue	Subject
226-310-501	5	Loop Dialing Toll Transmission — Operation Tests Using Test Set SD-30387-01 (J34713A)
226-310-502	5	Loop Dialing Toll Transmission — Operation Tests Using Test Set ES-30007-01 (X-61341)
226-310-503	5	Loop Dialing Toll Transmission — Associated Jack Method Of Coin Control — Coin Control Tests Using Test Sets SD-30387-01 (J34713A) or ES-30007-01 (X- 61341)
Addendum	1	
226-310-504	3	Loop and Repeated Dialing Toll Transmission — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-310-505	5	Repeated Dialing Toll Transmission — Operation Tests Using Toll Train and Coin Box Trunk Test Set ES-241636
226-310-506	1	Repeated Dialing Toll Transmission Selectors and Toll Coin Control Switches — Coin Control and Operation Tests Using Toll Train and Coin Box Trunk Test Set ES-241636
226-310-507	1	Repeated Dialing Toll Transmission — Associated Jack Method of Coin Control — Coin Control Tests Using Toll Train and Coin Box Trunk Test Set ES-241636
226-315-500	3	Loop and Repeated Dialing A-B Toll Transmission Selectors — Operation Tests Using Test Set SD-90469-01 (J94710A)
226-315-501	3	Loop Dialing A-B Toll Transmission — Operation Tests Using Test Set SD- 30387-01 (J34713A) or ES-30007-01 (X-61341)
226-315-502	4	Loop Dialing Toll and A-B Toll Transmission and Other Selectors With Loop Compensating Resistances — Pulse Repeating and Pulsing Tests Using Pulse Repeating SD-31667-01 (J34720A) and Pulsing SD-31481-01 (J34717A) Test Sets
226-315-503	3	Toll and A-B Toll Transmission — Operation Tests Using Test Set SD-90416-01 (J94704A)

Number	Issue	Subject
226-320-500	2	Coin Control — Pulsing Tests Using Pulsing Test Set SD-31481-01
226-320-501	2	Coin Control — Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-320-502	4	Loop Dialing Coin Control — Operation Tests Using Test Set SD-30387-01 (J34713A) or ES-30007-01 (X-61341)
226-325-500	2	Code — Call Through Tests — From Associated Auxiliary Trunk Circuit Using Dial Hand Test Set
226-330-501	2	Selector Repeaters — Rotary and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-330-502	3	Selector Repeaters — Operation Tests Using Test Sets SD-31858-01 (J34701A), SD-90469-01 or SD-90469-02 (J94710A)
226-340-500	3	Reverting Call — Pulsing Tests Using Pulsing Test Set SD-31481-01 (J34717A)
226-340-501	3	Reverting Call Selectors — Operation Tests Using Test Set SD-90416-01 (J94704A) and Test Line SD-32198-01
226-340-502	3	Reverting Call — Operation Tests Using Test Set SD-90469-02 (J94710A) and Test Line SD-32198-01
226-340-503	3	2- and 4-Party Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-30998-01
226-340-504	2	2- and 4-Party Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-31478-01 or SD-31479-01
226-340-505	3	Reverting Call — 2-Party Selective and 4-Party Semiselective — Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01
226-340-506	3	Reverting Call — 2-Party Selective and 4-Party Semiselective — Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01

Number	Issue	Subject
226-340-507	2	8-Party Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-30998-01
226-340-508	2	8-Party Reverting Call — Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01
226-340-509	2	8-Party Reverting Call — Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Lines SD-31857-01 and SD-30981-01
226-340-510	1	8-Party Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-31478-01 or SD-31479-01
226-340-511	7	8- and 10-Party Reverting Call — Timing Tests Using Relay Timing Test Set SD- 90418-01 (J94713A)
226-340-512	1	10-Party Terminal Per Line Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-31478-01 or SD-31479-01
226-340-513	2	10-Party Terminal Per Line Reverting Call — Operation Tests Using Dial Hand Test Set and Test Circuit SD-30998-01
226-340-514	2	Reverting Call — 5-, 10-, and 20-Party Terminal Per Line — Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01
226-340-515	2	Reverting Call — 5-, 10-, and 20-Party Terminal Per Line — Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01

226-4 Connectors

Number	Issue	Subject
226-400-500	8	Pulsing Tests — Using Pulsing Test Set SD-31481-01 (J34717A)
226-400-501	7	Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-400-502	2	Seizure Test
226-400-503	2	Operation Tests Using A.E. Co.'s Test Set
226-405-500	5	Local — Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01
Addendum	1	
226-405-501	6	Local — Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01
226-410-500	7	Local Level Hunting — Operation Tests — Using Connector Test Set SD-31637-01 or SD-31637-02 (J34719A) — Step-by- Step Systems
226-410-501	6	Local Level Hunting — Operation Tests — Using Connector Test Set SD-30502-01 (J34711A)
Addendum	2	
226-415-500	6	Local and Combination — Operation and Pulsing Tests Using Connector Test Set SD-31637-01 or SD-31637-02 (J34719A) and Pulsing Test Set SD-31481-01 (J347171A)
226-415-501	6	Local and Combination — Operation and Pulsing Tests Using Connector Test Set SD-30502-01 (J34711A) and Pulsing Test Set SD-31481-01 (J34717A)
226-415-502	7	Local and Combination — Rapid Operation Tests — Using Dial Hand Test Set and Test Line SD-31653-01
226-415-503	5	Local and Combination — Rapid Operation Test — Using Connector Test Set SD-30502-01 (J34711A) and Pulsing Test Set SD-31481-01 (J34717A)
226-415-504	6	Local and Combination — Rapid Operation Test — Using Connector Test Set SD-31637-01 or SD-31637-02 (J34719A) and Pulsing Test Set SD-31481-01 (J34717A)
226-415-505	3	Local and Combination — Local Operation Tests Using Test Set SD-90416-01 (J94704A) or SD-90210-01 (J34704A) and Test Line SD-32198-01

Number	Issue	Subject
226-415-506	6	Local and Combination — Local Operation Tests Using Trunk Test Set SD- 90469-01 or SD-90469-02 (J94710A) and Test Line SD-32198-01
226-415-507	6	Local and Combination — Operation Tests Using Test Set SD-90210-01 (J34704A) or SD-90416-01 (J94704A) and Test Line SD-32198-01, SD-32164-01 or SD- 31261-01
226-420-500	4	Combination Toll Operation Tests Using Test Set SD-31858-01 (J34701A) and Test Line SD-31857-01 (J33017F)
226-420-501	3	Combination — Toll Operation Tests Using Test Set SD-31859-01 (J34722B) and Test Line SD-31857-01 (J34017F)
226-425-500	3	Toll and Combination — Toll Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A) and Test Line SD-32198-01
Addendum	1	
226-430-500	5	Loop Dialing Toll — Operation and Pulsing Tests Using Connector Test Set SD- 31637-01 or SD-31637-02 (J34719A) and Pulsing Test Set SD-31481-01 (J34717A)
226-430-501	4	Loop Dialing Toll — Operation Tests Using Test Set SD-30387-01 (J34713A) or ES- 30007-01 (X-61341)
226-430-502	3	Repeated Dialing Toll — Operation Tests Using Toll Train and Coin Box Trunk Test Set ES-241636
226-435-500	4	Loop Dialing Toll Level Hunting — Operation Tests Using Test Set SD-30387-01 (J34713A) or ES-30007-01 (X-61341)
226-435-501	4	Loop Dialing Toll Level Hunting — Operation Tests Using Connector Test Set SD-31637-01 or SD-31637-02 (J34719A)
226-437-500	1	Connectors and Toll Transmission Selectors — 1000-Cycle Transmission Tests — Using Portable Transmission Measuring Set — Step-by-Step Systems
226-440-500	1	Coin Connector and Associated Coin Control Trunk Circuit — Coin and Rering Tests
226-440-501	2	Coin Control — Prepayment Coin Service — Operation Test Using Test Set SD- 90469-02 (J94710A)
226-440-502	2	Coin Control — Operation Tests Through Auxiliary Line Circuit Using Test Set SD-31858-01 (J34701A)

226-5 Trunks and Trunk Circuits

226-500-500	1	Auxiliary Trunk Circuit SD-32071-01 Arranged for Right of Way on Emergency Calls — Operation Tests Using Dial Hand Test Set
226-501-500	1	Auxiliary Trunk Circuits SD-32070-01 and SD-32104-01 Arranged for Right of Way on Emergency Calls — Operation Tests Using Dial Hand Test Set
226-502-500	3	Auxiliary Trunk Circuit — Prepayment Coin Service — Operation Tests Using Test Set SD-31858-01 (J34701A)
226-502-501	2	Auxiliary Trunk Circuit SD-32025-01 — Prepayment Coin Service — Operation Tests Using Trunk Test Set SD-90469-02 (J94710A)
226-503-500	1	Auxiliary Trunk Circuit SD-32341-01 — Operation Test Using Dial Hand Test Set
226-504-500	1	Auxiliary Trunk Circuit for Automatic Timed Release SD-32540-01 — Timing Test
226-505-500	1	Auxiliary Line Circuit SD-35002-01 — Hotel-Motel Service — Operation Tests
226-507-500	2	Permanent Signal Holding Trunk SD- 32370-01 — Miscellaneous Tests
226-508-500	1	Interoffice Trunks to Step-by-Step Offices — Operation Test Using Trunk Test Set ES-30096-01
226-508-501	1	Interoffice Trunks — Continuity and Polarity Test Using Test Set SD-31426-

Number	Issue	Subject
226-508-501	1	
226-508-502	1	Interoffice Trunks — Continuity and Polarity Tests Using Test Set SD-31725- 01 (J34721A)
Addendum	1	
226-508-503	2	Interoffice Trunks — Operation Tests Using Test Set SD-31859-01 (J34722B)
226-508-504	2	Interoffice Trunks — Operation Tests Using Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-508-505	2	Interoffice Trunks Operator Identified to CAMA Office — Operation Tests
226-511-500	1	Incoming Trunk Circuits SD-31703-01 — Operation Tests Using Test Sets SD- 31858-01 (J34701A), SD-90469-01 or SD-90469-02 (J94710A)
226-514-500	2	2-Way Operator Office Trunks and Associated Coin Control Trunk — Coin, Noncoin, and Rering Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-517-500	2	Coin Trunks — Pulsing Tests — Per Cent Break Method Using Pulsing Test Set SD-31481-01 (J34717A) and Pulse Repeating Test Set SD-31667-01 (J34720A)
226-517-501	5	Coin Trunks — Operation Tests Using Loop Dialing Toll Train and Coin Trunk Test Set ES-30007-01 (X-61341) or SD-30387-01 (J34713A)
226-517-502	5	Coin Trunks — Operation Tests Using Repeated Dialing Toll Train and Coin Box Trunk Test Set ES-241636 (X-61116)
226-521-502	2	Coin Trunk Circuit SD-31592-02 Arranged for Coin First Service — Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A) — Step-by-Step Systems
226-521-503	2	Coin-Trunk Circuit SD-31592-02 — Arranged for Coin First Service — Operation Tests — Using Test Set SD-31858- 01 (J34701A)
226-521-504	2	Coin Trunk Circuit SD-31592-02 and Auxiliary Coin Trunk Circuit SD-32538-01 — Arranged for Dial-Tone-First Service — Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-521-505	2	Coin Trunk Circuit SD-31592-02 and Auxiliary Coin Trunk Circuit Arranged for Dial-Tone-First Service — Operation Tests — Using Test Set SD-31858-01 (J34701A)
Addendum	1	
226-521-506	2	Coin Trunk Circuit SD-32539-01 — Arranged for Coin First Service — Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-521-507	2	Coin Trunk Circuit SD-32539-01 — Arranged for Coin First Service — Operating Tests — Using Test Set SD-31858- 01 (J34701A)
226-521-508	2	Coin Trunk Circuit SD-32539-01 — Arranged for Dial-Tone-First Service — Operation Tests — Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-521-509	2	Coin Trunk Circuit SD-32539-01 — Arranged for Dial-Tone First Service — Operation Tests — Using Test Set SD- 31858-01 (J34701A)
Addendum	2	
226-522-300	1	Local Coin Overtime (LCOT) Charging Circuit SD-35046-01 — Description, Operation, and Trouble Locating — Step-by-Step Systems
226-524-500	2	Loop Dialing Recording-Completing Trunks From Coin Box Trunk Groups — Operation Tests Using Trunk Test Set SD-30387-01 (J34713)
226-524-501	1	Repeated Dialing Recording-Completing Trunks From Coin Box Trunk Groups — Operation Tests Using Toll Train and Coin Box Trunk Test Set ES-241636

Number	Issue	Subject
226-524-502	8	Recording-Completing Trunks — Coin and Noncoin — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A) Step-By-Step Systems
226-524-503	5	Recording-Completing Trunks — Operation Test Using Test Set SD-31858-01 (J34701A)
226-524-504	2	Outgoing Trunk Circuit SD-35059-01 — 0+, 0- ONI Operation — TSPS/RTA — Operation Tests — Using Trunk Test Set SD-31858-01 (J34701A) or SD-90469- 01 or SD-90469-02 (J94710A)
226-525-500	1	Operators' Recording-Completing Trunks — Operation Tests — "A" Switchboards
226-527-500	6	Trunks From Local Selector Levels — Continuity Tests Using Dial Hand Test Set
226-527-501	2	Trunks From Local Selector Levels — Continuity Test Using Trunk Test Set ES- 30096-01
226-528-500	1	Trunks From Selector Levels to Information Desks — Operation Tests Using Trunk Test Set ES-30096-01
226-529-500	1	Trunks From Selector Levels to Special Service Positions — Operation Tests Using Trunk Test Set ES-30096-01
226-531-500	1	Trunks From Selector Levels to Recording Positions — Operation Tests Using Trunk Test Set ES-30096-01
226-532-500	1	Trunks From Vacant Local Selector Levels to Intercepting Positions — Operation Test Using Trunk Test Set ES-30096-01
226-533-500	3	Trunks From Local Selector Levels to Desks and Switchboard Positions — Operation Tests Using Dial Hand Test Set
226-534-500	3	911 Emergency Service Trunk — Operation Tests — Using Trunk Test Set SD- 90469-01, SD-90469-02 (J94710A), or SD-31858-01 (J34701A)
226-535-500	1	Trunks From Selector Levels to No. 12 Local Test Desks — Operation Test Using Trunk Test Set ES-30096-01
226-536-500	1	Trunks From Selector Levels to 1-C Repair Clerks' Desk — Operation Test Using Trunk Test Set ES-30096-01
226-539-500	1	Trunk From Levels of Repeated Dialing — Toll Transmission Selectors — Continuity Test Using Test Set SD-90469-01 (J94710A)
226-540-500	1	Trunks From Levels of Repeated Dialing — A-B Toll Transmission Selectors — Continuity Tests Using Test Set SD- 90469-01 (J94710A)
226-541-500	1	Trunk From Levels of Loop Dialing — Toll and A-B Toll Transmission Selectors — Continuity Tests Using Test Set SD-90469-01 (J94710A)
226-542-500	2	Trunks From Levels of Loop and Repeated Dialing — Toll Intermediate Selectors — Continuity and Polarity Tests Using Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-543-500	3	Interswitch Trunks From Levels of Loop Dialing Toll Transmission and Toll Intermediate Selectors — Test of C and S Leads Using Dial Hand Test Set
226-546-500	1	Trunks From Vacant Connector Terminals — Operation Tests Using Trunk Test Set ES-30096-01
226-550-500	1	Intercepting Trunks From Local Selector Levels — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Trunk Test Set SD-90469-01 and SD-90469-02 (J94710A)
226-551-500	2	Intercepting Trunks From Local Selector Levels — Intercepting Handled at DSA Switchboards — Operation Tests Using Trunk Test Set SD-90469-01 and SD-90469-02 (J94710A)

Number	Issue	Subject
226-552-500	2	Intercepting Trunks From Toll Selector Levels — Intercepting Handled at DSA Switchboard — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-553-500	1	Intercepting Trunks From Toll Selector Levels — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-554-500	1	Intercepting Trunks From Trunk Finders to a No. 14C, 14D, or 15C Switchboard Arranged to Trip Machine Ringing Before Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-554-501	2	Intercepting Trunks From Trunk Finders to a No. 14C, 14D or 15C Switchboard Arranged to Trip Machine Ringing After Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 and SD-90469-02 (J94710A)
226-555-500	1	Intercepting Trunks From Trunk Finders to Toll Switchboard or Operating Room Desk Arranged to Trip Machine Ringing Before Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-555-501	1	Intercepting Trunks From Trunk Finders to Toll Switchboard or Operating Room Desk Arranged to Trip Machine Ringing After Extending Call to Operator — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-556-500	2	Outgoing 2-Wire Intercepting Trunks From Trunk Finders Arranged for Regular or Trouble Intercept to Operator or to Machine Announcement — Operation Tests Using Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-557-500	1	Intercepting Trunk — From Connectors and Selectors Using an Announcement Machine — Operation Tests Using Dial Hand Test Set
226-559-500	2	Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at DSA Switchboard — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-560-500	1	Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Dial Hand Test Set
226-561-500	3	Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at DSA Switchboard — Operation Tests Using Dial Hand Test Set
226-562-500	1	Intercepting and Verification Request Trunks From Connectors — Intercepting Handled at Toll Switchboard or Operating Room Desk — Operation Tests Using Trunk Test Set SD-90469-01 or SD-90469-02 (J94710A)
226-565-500	7	Individual Line Message-Rate Trunks — Line Finder Type — Operation Tests Using Individual Line Message-Rate Type Test Set SD-31246-01 (J34703A) or SD- 31524-01 (J34718A)
226-565-501	5	Individual Line Message Rate Trunks — Line Finder Type — Operation Tests — Using 2-Party Message Rate Type Test Set SD-31258-01 (J34702A) or SD-31456- 01 (J34715A)
226-566-500	2	2-Party Message Rate Trunks — Pulsing Tests — Per Cent Break Method Using Pulsing Test Set SD-31481-01 (J34717A) and Pulse Repeating Test Set SD-31667- 01 (J34720A)
226-566-501	4	2-Party Message Rate Trunks — Line Finder Type — Operation Tests Using Test Set SD-31151-01 (X-61404A) SD- 31258-01 (J34702A) or SD-31456-01 (J34715A)

Number	Issue	Subject
226-569-500	5	PBX Trunks from Selector Levels SD- 31757-01 — Operation Tests Using Test Set ES-241798, SD-30502-01 (J34711A), SD-31637-01 or SD-31637-02 (J34719A)
226-572-500	1	Toll Diverting Trunks — Operation Tests Using Trunk Test Set SD-90469-02 (J94710A)
226-575-500	2	Outgoing Trunks — Test of DC Key Pulsing — 15C Switchboard
226-577-500	2	Outgoing Dialing Trunks — Operation Tests — "A" Switchboards
226-588-500	6	Trunk Transmission Tests — Step-by-Step Offices Not Provided With Manual Trunk Test Frame
226-588-501	1	PBX Trunk Relay Equipment — 1000- Hertz Transmission Test — Using Portable Transmission Measuring Set — Step-by-Step Systems
Addendum	1	
226-590-500	4	Trunk Transmission Tests — Step-by-Step Offices Provided With Manual Outgoing Trunk Test Frame SD-32349-01
226-590-501	1	Trunk Transmission Tests — Circuits Terminated at Commercial ACD — Step-by- Step Systems
226-591-101	2	Automatic Outgoing Trunk Test Frame — Description
226-591-300	2	Compiling Data for Control Tapes — Automatic Outgoing Trunk Test Frame
226-591-301	2	Preparation of Control Tapes — Automatic Outgoing Trunk Test Frame
226-591-501	2	Operational and Transmission Tests on Outgoing Dial Trunks Using Automatic Outgoing Trunk Test Frame SD-32504-
226-591-501	2	
226-591-510	1	Automatic Outgoing Trunk Test Frame — SD-32504-01 — Tests
226-591-701	1	Adjustment of Line Build-Out Networks — Automatic Outgoing Trunk Test Frame SD-32504-01

Number	Issue	Subject
226-6 Pulse Repeaters and Out-Trunk Switches		
Addendum	1	
226-600-500	5	Outgoing Repeaters — Pulsing and Continuity Test — Using Trunk Test Set SD- 90469-02 (J94710A) or Using Pulsing Test Set SD-31481-01 (J34717A)
226-600-501	2	Outgoing Repeaters — Pulsing Tests — Per Cent Break Method Using Pulse Repeating Test Set SD-31667-01 (J34720A) and Pulsing Test Set SD- 31481-01 (J34717A)
226-600-502	1	Repeaters — C Relay Release Test Using Dial Hand Test Set
226-600-503	4	Repeaters — B and C Relay Timing Tests Using Relay Timing Test Set SD-90418- 01 (J94713A)
226-605-500	3	Rotary Out-Trunk Switch SD-32253-01 — Operation Test Using Dial Hand Test Set
226-610-500	6	Rotary Out-Trunk Switches Arranged for Preselection — Operation Tests Using Test Set SD-31426-01 (J34714A)
226-610-501	7	Rotary Out-Trunk Switches Arranged for Preselection — Operation Tests Using Trunk Test Set SD-90469-02 (J94710A)
226-7 Traffic and Message Registers		
226-700-500	4	Traffic Registers Associated With Line and Trunk Finders — Operation Tests
226-700-501	2	Traffic Registers Associated With Selectors — Operation Tests
226-700-502	3	Traffic Registers Associated With Connectors — Operation Tests
226-700-503	1	Traffic Registers Associated With Repeaters — Operation Tests
226-705-500	3	Line Message Registers Associated With Line Finder Equipment — Cross Connection and Operation Tests Using Test Set SD-30490-01 (J34706A) and Test Line SD-31610-01 or Equivalent

Number	Issue	Subject
226-705-501	1	Line Message Registers Associated With Line Finder Equipment Arranged for Overtime Charging — Cross Connection and Operation Tests Using Test Set SD-30490-01 (J34706A) and Test Line SD- 31610-01 or Equivalent
226-705-502	1	Low Resistance Line Message Registers — Cross Connection and Operation Tests Using Test Set SD-32150-01 (J34725A) and Test Line SD-31610-01 or Equivalent

226-8 Alarms, Switchboards, and Miscellaneous Equipment

226-800-500	6	Switch Trouble and Fuse Alarms — Operation Tests
226-801-500	8	Trouble and Fuse Alarms — Miscellaneous Circuits — Operation Tests
226-802-500	1	Cable Protective Device Alarm, Cable Insulation Alarm and Permanent Signal Alarm Circuit SD-31912-01 — Operation Tests
226-803-500	3	Permanent Alarms — Selectors, Connectors, P.B.X. Trunks, and Reverting Call Selectors — Operation Tests
226-804-500	1	Pulse Generator and Counting Circuit SD- 32310-01 — Alarm and Transfer Test
226-806-500	1	Precise Busy Tone Supply J87353A — Tests
226-807-500	1	Voice Alarm and Control Circuit SD-27980- 01 for Announcement System 7A — Tests
226-807-501	1	Interface and Alarm Circuit SD-35067-01 for 13A Announcement System — Tests
226-808-501	1	Telecommunications Alarm Surveillance and Control (TASC) — Interconnection Circuit Tests — Step-by-Step Offices
226-810-500	4	Line Load Control Equipment — Operation Tests
226-813-500	1	Calling Line Identification Circuits for Intra SXS Office Calls — Tests
226-814-500	1	Emergency Manual Circuits for Manual Operation and Interception of Subscriber Lines and Trunk Circuits — Operation Tests Using Dial Hand Test Set
226-816-500	2	Line Adapter Circuit SD-32072-01 Arranged for Right of Way on Emergency Calls — Operation Tests Using Dial Hand Test Set
226-818-500	1	Emergency Line circuit SD-32313-01 — Operation Tests Using Dial Hand Test Set
226-819-500	2	Emergency Transfer Circuit Per SD-96425- 01 to Provide Emergency Manual Service for Dial Subscribers — Operation Tests
226-820-500	1	Trunk Group Usage Circuit SD-32049-01 — Operation Tests
226-822-500	2	Coin Timing and Coin Collect and Monitor Circuits for Overtime Charging — Operation Tests Using Trunk Test Set SD- 90469-01 (J94710A)
226-824-500	2	Timing Intervals for Coin and Message Rate Overtime Charging Using Test Set SD-32031-01 (J34723)
226-826-500	4	Plugging-Up Circuits — Operation Tests
226-828-500	3	Test Distributors — Pulsing Tests Using Pulsing Test Set SD-31481-01 (J34717A)
226-828-501	7	Test Distributors — Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A)
226-829-100	1	Remote Office Test Line (ROTL) — Description
226-829-500	1	Remote Office Test Line (ROTL) SD-32521- 01 — Tests
226-829-700	2	Adjustment of Line Build-Out Network — Remote Office Test Line SD-32521-01
226-830-500	1	Line Insulation Test Frame — Maintenance and Calibration Tests
▲226-831-000	1	Remote Office Test Line (ROTL-2)
226-831-100	2	Expanded Remote Office Test Line Arrangements — Descriptive Information

Number	Issue	Subject
226-832-500	1	Call-Through Tests Using Call-Through Test Set SD-90603-01 (J94715) or SD- 21069-01 (J24714)
Addendum	1	
226-833-500	3	Call-Thru Tests Using Automatic Call- Thru Test Set SD-32522-01 (J34728) — No. 1 and 350A Step-by-Step, 355A and 35E97 Community Dial Offices
226-834-100	3	Remote Office Test Line (ROTL-3) — Description — Step-by-Step Offices
226-834-101	2	Portable Remote Office Test Line (ROTL- 3) — Description — Step-by-Step Offices
226-834-300	3	Remote Office Test Line (ROTL-3) — Acceptance Tests
226-834-301	2	Portable Remote Office Test Line-3 (ROTL- 3) — Acceptance Tests
226-834-310	1	Mini-RTTU (Remote Trunk Test Unit) With RTMB (Remote Trunk Make Busy) Option — Data Base Operating Instructions
226-834-500	1	Remote Office Test Line (ROTL-3) — Trouble Locating Procedures
226-834-501	1	Portable Remote Office Test Line (ROTL- 3) — Trouble Locating Procedures
226-834-700	3	Adjustment of Line Build-Out Network — Remote Office Test Line (ROTL-3)
226-834-701	2	Portable Remote Office Test Line (ROTL- 3) — Adjustment of Line Build-Out Network
226-836-101	1	30A Level Distribution Register — Description
Addendum	1	
226-836-500	3	Contact Noise Measurements Using 30A Level Distribution Register
226-838-500	1	Auxiliary Line Circuits Arranged for Right of Way on Emergency Calls — Operation Tests Using Dial Hand Test Set
226-838-501	1	Common Systems — Line Circuit SD95873-01 (or Equivalent) — Public Emergency Reporting — Tests
226-840-500	3	Auxiliary Coin Lines — Postpayment Type — Operation Test
226-842-500	3	Auxiliary Line Circuit — Prepayment Coin Service — Operation Test Using Test Set SD-31858-01 (J34701A)
226-842-501	3	Auxiliary Line Circuits — Prepayment Coin Service — Operation Test Using Test Set SD-90469-02 (J94710A)
226-844-500	3	MF Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests Using Manual Test Circuit SD-95400-01 — No. 1 and No. 3 Type Toll Switchboards and No. 15C Switchboard
226-846-500	3	DC Key Pulsing Senders Arranged to Transmit Dial Pulses — Operation Tests Using Manual Test Circuit SD-90635-01 — No. 1 and No. 3 Type Toll Switchboards and No. 15C Switchboard
226-846-501	2	DC Key Pulsing Senders — Operation Tests Using Automatic Test Circuit SD- 90424-01 — No. 1 and No. 3 Type Toll Switchboards and 15C Switchboards
226-847-501	1	Automatic Test Circuit — For Keypulsing Senders SD-90424-01 — Operation Tests — Step-by-Step Offices
226-848-500	3	Cord Circuit Supervisory Relays — Current Flow Tests — Nos. 14C, 14D, and 15C "A" Switchboards
226-850-500	3	Cord Circuit Sleeve Relays — Current Flow Tests — Nos. 14C, 14D, and 15C "A" Switchboards
226-852-500	2	Recording Completing Cord Circuits — 15C or 15D "A" Switchboard
226-854-500	3	Intercepting and Special Service Cord Circuits — Operation Test Using Testing Circuit SD-31025-01 or SD-90501-01
226-856-500	3	Cord Circuits — A-C Continuity Test — DSA Switchboards Nos. 14C, 14D and 15C
226-858-500	1	DSA Switchboards — 1000-Cycle Transmission Tests — Using Portable Transmission Measuring Set — Step-by-Step Systems

Number	Issue	Subject
226-860-300	2	Method of Handling Complaints and Requests for All Offices Involving Charge Irregularities on Crossbar Tandem CAMA Calls

Division 227

General and Testing InformationApplying to Intertoll Dialing, CAMA, AMA, ANI, Touch-Tone Calling and Common Control Equipment Step-By-Step Systems

227-0 Indexes and Administrative Practices

227-1 Intertoll Dialing Equipment

227-2 AMA Equipment

227-3 CAMA Equipment

227-4 Common to AMA and CAMA Equipment

227-5 ANI Equipment

227-6 Touch-Tone Calling Equipment — Not Adaptable for Common Control

227-7 Common Control Equipment — For Touch-Tone Calling and For Controlled Outpulsing

227-8 ITT Tel-Touch Equipment

Number	Issue	Subject
227-0 Indexes and Administrative Practices		
227-000-000	46	Numerical Index — Division 227 — General and Testing Information Applying to Intertoll Dialing, CAMA, AMA, ANI, Touch-Tone Calling and Common Control Equipment — Step-by-Step Systems
227-001 Equipment Test Lists (ETL)		
227-001-011	3	Intertoll Dial Circuits
227-001-013	12	CAMA Equipment
227-099 Customer Information Release (CIR)		
❑ 227-099-001TD	1	Mini-Call Data Accumulator, Operations Systems

Number	Issue	Subject
227-1 Intertoll Dialing Equipment		
Addendum	1	
227-100-500	5	Selectors — Operation Tests Using Dial Hand Test Set
227-100-501	2	Intertoll Selectors — Rotary Test Using 40C Test Set
227-100-502	6	Intertoll Selectors — Rotary Tests Using Dial Hand Test Set With or Without Selector Rotary Action Test Set — SD- 31616-01 (J34716A)
227-100-503	3	Intertoll Selectors — Rotary and C Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A) and Toll Pulse Repeating Test Set SD-64540-01 (J64722A)
227-100-504	4	Intertoll Selectors — B and C Relay Timing Tests Using Relay Timing Test Set SD- 90418-01 (J94713A) and Pulse Repeating Test Set SD-64540-01 (J64722A)
227-100-505	4	Intertoll Selectors — Pulsing Tests Using Pulse Repeating Test Set SD-64540-01 (J64722A) — With or Without Pulsing Test Set SD-31481-01 (J34717A)
227-100-506	3	Intertoll Transmission Selectors — Test of C and S Leads Using Dial Hand Test Set
227-100-507	1	Intertoll Selectors — Permanent Alarms — Operation Test
227-105-500	1	Traffic Registers — Associated With Intertoll Selectors — Tests
227-110-500	1	Intertoll Through Selectors — Group Busy and Overflow Circuit — Operation Tests Using Dial Hand Test Set
227-115-500	2	Rotary Out-Trunk Switch — Operation, Alarm and Register Tests Using Test Circuit SD-56118-01
227-115-501	2	Rotary Out-Trunk Switches — Operation, Alarm and Register Tests Using Test Circuit SD-56342-01

Number	Issue	Subject
Addendum	1	
227-120-500	4	Dial or Automatic Manual Intertoll Trunks Having Selector Multiple Appearances — Operation Tests Using Dial Hand Test Set
Addendum	1	
227-125-500	4	Trunks to Toll Operator, Information, Intercept and Interswitch Trunks to Auxiliary Intertoll Selectors — Operation Tests Using Dial Hand Test Set
Addendum	1	
227-130-500	5	Trunks From Levels of Intertoll Selectors — Continuity Test Using Dial Hand Test Set
227-135-500	1	Intertoll Trunks — Miscellaneous Tests
227-145-500	2	Intertoll Timing Circuit SD-64587-01 — Timing and Alarm Tests
227-160-500	1	Directional Reservation Circuit (SD-56470- 01) — Operation and Register Test
227-165-500	2	Controllers — Intertoll Trunk Concentrating Equipment — Operation Tests
227-170-300	3	Method of Taking Equipment Out of Service
227-185-500	6	Switch Trouble and Fuse Alarms — Tests
227-186-500	7	Trouble and Fuse Alarms — Miscellaneous Circuits

227-2 AMA Equipment

Number	Issue	Subject
227-200-300	4	Trouble Recorder Alarm Procedure and Trouble Analysis
227-203-500	2	KS-13834 Perforator and Trouble Recorder Control and Test Circuit — Operation Tests
227-205-500	1	Fuse Alarm Tests
227-206-500	3	Subscriber Lines — Verification Test
227-209-500	4	Thousands Number Circuit — Miscellaneous Tests
227-212-500	3	Common Number and Class Circuit — Verification of Crossed Sleeve Test
227-215-500	3	Code Connectors — Operation Tests
227-218-500	3	Identifier-Trunk Connectors — Lockout Feature and Lead Continuity Tests
227-221-300	4	Identifier Cross Connections
227-221-500	5	Identifiers — Operation Tests Using Sender, Identifier, and Transverter Test Circuit
227-221-501	2	Identifiers — Miscellaneous Tests
227-222-100	1	Automatic Number Identification-Type E — Description
227-222-300	1	Automatic Number Identification — Type E Trouble Locating Procedures
227-223-500	1	Translations — Miscellaneous Tests
227-225-500	1	Outgoing Trunk SD-32508-01 Automatic Number Forwarding — Tests Using Trunk and Outpulser Test Frame SD- 32511-01
227-225-501	1	Outgoing Trunk SD-35006-01 — Automatic Intercept System — Tests Using Trunk and Outpulser Test Frame SD- 32511-01 No. 1 Step-by-Step Office Arranged for AMA
227-227-500	2	Outpulser Connector SD-32509-01 — Automatic Number Forwarding and Automatic Intercept System — Operational Tests — No. 1 Step-by-Step Offices Arranged for AMA
227-228-500	2	Outpulser — Automatic Number Forwarding and Automatic Intercept System — Tests Using Trunk and Outpulser Test Frame SD-32511-01 — No. 1 Step-by-Step Offices Arranged for AMA
227-229-500	2	Trunk and Outpulser Test Frame — Automatic Number Forwarding and Automatic Intercept System — Tests
227-230-500	1	Outgoing Trunks — Voltmeter Tests Using Automatic Trunk Test Frame
227-233-500	5	AMA and Coin Zone Dialing Outgoing Trunk Circuits — Operation Tests Using Automatic Trunk Test Circuit SD-32206-01

Number	Issue	Subject
227-233-501	1	Outgoing Trunk Circuits — AMA and Coin Zone Dialing — Transmission Tests — Using Manual Outgoing Trunk Test Circuit SD-32349-01 and Automatic Trunk Test Circuit SD-32206-01
227-236-500	4	Sender-Trunk Connectors — Miscellaneous Tests
Addendum	2	
227-239-500	3	Senders — Operation Tests Using Sender, Identifier, and Transverter Test Circuit
227-239-501	1	Senders — Miscellaneous Tests
227-245-500	3	Transverter — SD-32203-01 — Operation Tests Using Sender, Identifier, and Transverter Test Circuit
227-245-501	3	Transverters — Miscellaneous Tests
227-251-500	2	Sender-Transverter Connectors — Operation Tests
227-252-500	1	Dynamic Overload Control — Operation Tests — Using Sender, Identifier, and Transverter Test Circuit SD-32208-01
227-254-300	1	Taking Equipment Out of Service — Recorder and Recorder Connector Circuits
227-257-500	2	Rotary Out-Trunk Switches — Miscellaneous Tests Using Trunk Test Set SD- 90469-02 (J94710A)
227-258-500	1	Trunk Finders — Operation Test — Using Trunk Test Set SD-90469-02 (J94710A)
227-260-500	2	Dial Coin Zone Concentrating Circuit — Miscellaneous Tests
227-263-500	1	4-IPM Interrupter and Alarm Circuit — Miscellaneous Tests
227-266-500	3	Call Count Process Control — Storage and Register Circuit — Operation Tests
227-267-500	2	Traffic Registers — Operating Tests — Step-by-Step Offices Arranged for AMA
227-268-500	2	Plant Registers — Operation Tests — Step- by-Step No. 1 Offices Arranged for AMA

227-3 CAMA Equipment

Number	Issue	Subject
227-300-000	2	Cross-Connection and Record Forms
227-303-300	3	Trouble Ticketer Alarm Routine and Trouble Analysis
227-305-500	7	Trouble and Fuse Alarms — Miscellaneous Circuits
227-310-500	5	Dial Pulsing or MF Incoming Trunk Circuits — Operation Tests Using Test Set SD-32271-01 (J38913A) — Step-by-Step Intertoll Dialing Offices Arranged for CAMA
227-311-500	1	CAMA Suspension Feature of Jack Key and Lamp Circuit — Tests — Step-by- Step Intertoll Dialing Offices Arranged for CAMA
227-315-500	2	Incoming Register Links — Miscellaneous Tests
Addendum	1	
227-316-500	4	Incoming Register Circuit — Operation and Miscellaneous Tests Using CAMA Test Set SD-32271-01 (J38913) for Operation Tests
227-318-500	3	Pretranslator — Operation and Miscellaneous Tests
227-320-500	1	Trunk Finders — Operation Tests Using Test Set
227-325-500	5	Senders — Operation Tests Using Test Circuit SD-32270-01 and Test Set SD- 32271-01 (J38913A)
227-325-501	5	Senders — Miscellaneous Tests
227-330-500	1	Decoder Connectors — Miscellaneous Tests
227-331-500	5	Decoders — Operation Tests Using Sender Circuit and Test Set Circuit SD-32271-01 (J38913A)
227-331-501	4	Decoders — Miscellaneous Tests
227-335-500	4	Trunk Class Translators — Operation Test Using Test Set SD-32271-01 (J38913A)
227-340-500	2	Position Link — Operation Tests Using Test Set SD-32271-01 (J38913A)
227-345-500	1	Transverter Connector — Miscellaneous Tests

Number	Issue	Subject
227-346-500	6	Transverters — Tests Using Sender Circuit and Test Set Circuit — SD-32271-01 (J38913A)
227-346-501	3	Transverters — Miscellaneous Tests
227-355-500	2	Calls-Waiting Signal Circuit — Operation Tests
227-360-500	2	Trunk Transfer Circuit — Operation Tests
227-365-500	2	Traffic Registers — Operations Tests
227-370-500	2	Plant Registers — Operation Tests

227-4 Common to AMA and CAMA Equipment

227-400-300	5	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms With Six- Second Timing
227-400-301	2	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service
227-400-302	3	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes
227-400-303	1	Master Timing Circuit SD-25633-01 With One-Second Timing Features
227-400-500	8	Master Timing Circuit SD-25633-01 — Six- Second Timing Features — Operation Tests
227-400-501	1	Master Timing Circuit SD-25633-01 — One-Second Timing Features — Operation Tests
227-430-300	3	Recorder and Recorder Connector — Alarm Procedure
227-430-500	5	Recorder and Recorder-Connector Circuit SD-25872-01 — Operation Tests — Step- by-Step Offices Arranged for AMA or Step-by-Step Intertoll Dialing Offices Arranged for CAMA Paper Tape
227-450-500	2	Call Identify Indexer Circuit SD-25621-01 — Operation Tests
227-455-300	3	Central Office Automatic Message Accounting Equipment — Precautions to Limit Stoppages in No. 1 Accounting Center

Number	Issue	Subject

227-5 ANI Equipment

227-500-100	1	Type B (ANI-B) System — Step-by-Step Office — General Description Information
227-500-300	5	Automatic Number Identification — Analysis of Trouble Tickets — Step-by-Step Offices Arranged for ANI-Type B
227-502-500	2	Call-Thru Tests for Local Directory Assistance Trunks With Automated Number Identification — Types B, C, and D — Step-by-Step Offices
227-504-500	3	Fuse Alarms — Step-by-Step Offices — Arranged for ANI-Type B, C, or D
227-505-300	3	Analysis and Clearance of Trouble — Number Network and Primary Bus Circuit — Secondary Network and Bus Connector Circuit — Step-by-Step Offices Arranged for ANI Type B
227-505-301	2	Method of Making Cross-Connections — Number Network Frame — Step-by- Step Offices — Arranged for ANI-Type B
227-505-800	7	Number Network Frame — 313A and 313B Panels — Piece-Part Data and Replacement Procedures — Step-by-Step Offices Arranged for ANI-Type B
Addendum	1	
227-520-500	2	Customer Lines — Verification Tests — Step-by-Step Offices Arranged for ANI- Type B
227-525-500	8	Outgoing Trunk Circuits — Operation Tests Using Automatic Trunk Test Circuit SD-32315-01 and Outpulser Identifier Test Circuit SD-95815-01 — Step-by-Step Offices Arranged for ANI-Type B
227-526-500	2	Outgoing Intercept Trunk to AIS — Operation Tests Using Manual Outgoing Trunk — Test Frame SD-32349-01 — Step-by-Step Offices With ANI-B
227-530-300	3	Identifier SD-1C593-01 — Automatic Number Identification-Type B — Location of Faulty Circuit Packs

Number	Issue	Subject
227-530-301	2	Identifier SD-1C593-01 — Arranged for Automatic Number Identification — Type B (ANI-B) — Detailed Trouble Locating Procedures
227-530-500	5	Identifier Circuits SD-95810-01 — Tests Using Outpulser-Identifier Test Circuit SD-95815-01 — Step-by-Step Offices Arranged for ANI-Type B
227-530-501	1	Identifier Circuits SD-1C593-01 — Tests Using Outpulser-Identifier Test Circuit SD-95815-01 — Step-by-Step Offices Arranged for ANI-Type B
227-530-502	1	Automatic Number Identification Type-B (ANI-B) Identifier SD-1C593-01/CDA — System — Installation Evaluation Procedures
227-535-500	4	Outpulser-Identifier Test Circuit — Miscellaneous Tests
227-540-500	7	Outpulser Connector Circuit — Operation Tests — Arranged for ANI-Type B
227-545-500	5	Outpulser Circuit — Operation Tests — Step-by-Step Offices Arranged for ANI- Type B
227-545-501	6	Outpulser Circuits — Miscellaneous Tests — Step-by-Step Offices Arranged for ANI-Type B
Addendum	1	
227-555-500	5	Automatic Number Identification Trouble Ticketer Circuit — Tests Using Outpulser-Identifier Test Circuit SD- 95815-01 and Automatic Trunk Test Circuit SD-32315-01 — Step-by-Step Offices Arranged for ANI-Type B
227-560-500	7	Automatic Trunk Test Circuit SD-32315- 01 — Miscellaneous Tests — Step-by- Step Offices Arranged for ANI-Type B
227-565-500	3	Oscillator Circuits — Functional Tests — Step-by-Step Offices Arranged for ANI- B
227-568-500	2	Traffic Registers — Operation Tests — Step-by-Step Offices Arranged for ANI- Type B
227-569-500	5	Plant Registers — Operation Tests — Step- by-Step Offices Arranged for ANI-Type B
227-570-800	2	200-Number Network Units — Piece-Part Data and Replacement Procedures — Step-by-Step Offices — Arranged for ANI-Type C
227-571-500	3	Test and Line Verification Circuit — Tests — Step-by-Step Offices Arranged for ANI-Type C
227-572-500	6	Customer Lines — Verification Test — Using Test and Line Verification Test Circuit SD-32379-01 — Step-by-Step Offices Arranged for ANI-C
227-575-500	8	Outgoing Trunk Circuits — Tests — Using Test and Line Verification Test Circuit SD-32379-01 — Step-by-Step Offices Arranged for ANI-C
227-576-500	3	Outpulser Connector Circuit — Operation Tests — Step-by-Step Offices Arranged for ANI-Type C
227-577-500	4	Outpulser Circuit SD-32375-01 — Miscellaneous Tests — Step-by-Step Offices Arranged for ANI-Type C
227-578-500	1	Trunk Connector Circuit SD-35043-01 for AIS and Directory Assistance Trunks — Operation Tests — Step-by-Step Offices Arranged for ANI-C or ANI-D
227-579-500	5	Pulse Generator Circuit SD-32378-01 — Test and Replacement Procedures — Step-by-Step Offices Arranged for ANI-Type C and ANI-Type D
227-580-500	3	Traffic Registers — Operation Tests — Step-by-Step Offices Arranged for ANI- Type C and D
227-580-501	2	Outgoing Intercept Trunks SD-35037-01 for ANI-C and ANI-D — Operation Tests — Using Test Set SD-35053-01 (J34733A)
227-581-500	5	Plant Registers — Operation Tests — Step- by-Step Offices Arranged for ANI-C and ANI-D
227-582-500	3	Customer Lines — Verification Test — Using Test and Line Verification Test Circuit SD-35019-01 — Step-by-Step Offices Arranged for ANI-Type D

Number	Issue	Subject
227-582-501	5	Outgoing Trunk Circuits — Operation Test — Using Test and Line Verification Test Circuit SD-35019-01 and Trunk Test Circuit SD-35038-01 — Step-by-Step Offices Arranged for ANI-Type D
227-582-502	2	Outpulser Circuit SD-35017-01 — Operation and Miscellaneous Tests — Step-by-Step Offices Arranged for ANI-Type D
227-582-503	1	Coin Operator Assist and Special Toll Functions of ANI-D Outgoing Trunks — Operation Tests Using ANI-D Test Trunk Circuit SD-35038-01 — Step-by-Step Offices Arranged for ANI-Type D
227-582-800	3	Number Network Replacement Procedures — Step-by-Step Offices Arranged for ANI-Type D
227-584-100	3	Call Data Accumulator and Mini-Call Data Accumulator — Description
Addendum	1	
227-584-101	1	Call Data Accumulator (CDA) Portable Test Set SD-32560-01 Description, Operation and Maintenance
227-584-300	2	Call Data Accumulator — Trouble Locating
227-584-301	2	Call Data Accumulator — Trouble Locating Procedures Using Line Identification Control — Test Circuit SD-32559-01 — Step-By-Step Offices
227-584-310	1	Mini-Call Data Accumulator — Trouble Locating — Step-By-Step Offices
227-584-350	1	Call Data Accumulator (CDA) — Acceptance Tests

227-6 Touch-Tone Calling Equipment — Not Adaptable for Common Control

227-605-500	1	Fuse Alarms
227-615-500	2	Touch-Tone Calling Trunk Finders SD- 31953-01 — Operation Test — Using Test Set
227-620-500	1	Touch-Tone Calling Converter Finder SD- 33028-01 — Operation Tests
227-625-500	3	Touch-Tone Calling Signal to Dial Pulse Converters SD-32328-01 — Operation Tests — Using Converter Test Set SD-32330-01 (J33026)
Addendum	1	
227-625-501	2	Touch-Tone Calling Signal to Dial Pulse Converters SD-32328-01 — Miscellaneous Tests
227-630-100	1	Type D — Descriptive Information
227-630-500	2	Type D — Test

227-7 Common Control Equipment — For Touch-Tone Calling and For Controlled Outpulsing

227-700-300	4	Trouble Ticket Analysis and Alarm Procedures
227-704-010	4	Cross-Connection and Record Forms
227-705-500	2	Trouble and Fuse Alarms — Tests
227-706-300	1	Method of Tracing Stuck Originating Register Outpulsing Controller Connections — Common Control — Step-by-Step Systems
227-710-300	1	Register Trunk and Link Circuit SD-32353- 01 — Trouble Locating Procedures Using Maintenance Aid Lamp Panel
227-710-500	8	Register Trunk and Link Circuit — Miscellaneous Tests
227-715-300	1	Originating Registers and Outpulsing Controllers Circuit SD-32351-01 — Trouble Locating Procedures
227-715-500	4	Originating Register, Outpulsing Controllers, and Touch-Tone Calling Signal Converters — Operation Tests — Using Manual Test Set SD-32363-01 (J34727)
227-715-501	4	Originating Registers — Outpulsing Controllers and Touch-Tone Calling Signal Converters — Miscellaneous Tests — Step-by-Step Common Control Offices

Number	Issue	Subject
227-715-502	4	Originating Registers, Outpulsing Controllers, and Touch-Tone Calling Signal Converters — Operation Tests — Using Automatic Test Circuit SD-32365-01
Addendum	1	
227-715-503	4	Originating Registers, Outpulsing Controllers — Pulsing Tests Using Automatic Test Circuit SD-32365-01 or Manual Test Set SD-32363-01 — Step-by-Step Common Control Offices
227-720-501	5	Transfer Connectors-Decoder Connectors — Miscellaneous Tests — Step-by-Step Common Control Offices
227-725-500	4	Translators and Decoders — Operation Tests — Using Manual Test Set SD- 32363-01 (J34727)
227-725-501	6	Translators — Miscellaneous Tests
Addendum	1	
227-725-502	2	Decoders — Miscellaneous Tests
227-725-503	3	Translators and Decoders — Operation Tests Using Automatic Test Circuit SD- 32365-01 — Step-by-Step Common Control Offices
227-740-500	1	Trunk Class Connector SD-32366-01 — Tests
227-760-500	3	Automatic Test Circuit SD-32365-01 (J38929) — Tests
227-761-500	3	Manual Test Circuit SD-32362-01 (J38927) — Tests
227-762-500	2	Trouble Ticketer Circuit, SD-32364-01 — Tests
227-765-500	2	Plant and Traffic Register — Tests
227-780-500	2	Non-CAMA Outgoing Trunk Circuit Multifrequency Pulsing Reverse Battery Supervision Arranged for Timed Disconnect — Miscellaneous Tests

Number	Issue	Subject
227-8 ITT Tel-Touch Equipment		
227-800-100	1	Instruction Manual
227-801-100	1	Index and Explanation of ITT TEL-TOUCH Equipment — Step-by-Step Offices Without Common Control
227-811-100	1	Maintenance Instructions for K-Type Relays
227-812-100	1	Maintenance Instructions for Pentaconta Relays
227-813-100	1	Adjusting Procedures for Quintet Relays — Without Common Control
227-820-100	1	Maintenance Instructions for Pentaconta Multiswitch
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* Lorain is a registered trademark of Reliance Electric Company

Division 230

Special Networks and Switching Applications

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Division 231

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- -001 Equipment Test Lists and Documents Applicable to Both 1 and 1A ESS Switches
- -030 Common Equipment — 2-Wire 1 and 1A ESS Switches
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	231-005-101	2	Program Store — Description
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	231-005-305	2	Analyzing and Locating Trouble in the Program Store
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	231-010-305	1	Analyzing and Locating Troubles (Shorted Ferrods) in Scanners Using Ferrods Type 1, 2, 3, 4, or 5
	231-010-801	2	Ferrod Sensors Replacement Procedures
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	231-019-101	5	General Growth Description
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231-032-400	1	Trunk and Line Test Panel Supplementary Trunk Test Panel and Manual Trunk Test Position — Telephone Sets 623A3, 1623A3, 2623A3, and 3756A — Piece-Part Data, Maintenance and Connections
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231-070-556	1	Central Office Equipment Reports (COER) — Office Description File Procedure
231-070-557	1	Central Office Equipment Reports (COER) — Exception and Reliability Report Analysis
231-070-558	1	Central Office Equipment Reports (COER) — Busy Hour Determination (BHD)
231-070-559	1	Central Office Equipment Reports — CAPFIT Real Time Administration
231-070-560	1	Patrol Remote Batch Data Entry
231-070-561	1	Remote Switching System Central Office Equipment Reports — Description
231-070-580	1	Busy Hour Determination
231-070-605	2	Line and Number Administration Considerations
231-070-606	1	Concentrated Range Extension With Gain (CREG)
Addendum	1	
231-070-620	2	Determination of Line and Number Requirements
231-070-630	2	Centrex and ESSX-1 — General Description
231-070-635	2	Centrex Planning and Cutover
231-070-636	1	50B Customer Premises System Translations
231-070-640	1	Wide Area Telecommunications Service
231-070-655	1	Enhanced Private Switched Communications Service (EPSCS) — Administrative Procedures
231-070-660	1	HILO and 2-Wire Tandem Administration
231-070-661	1	HILO and 2-Wire Tandem Translations
231-070-662	1	HILO and 2-Wire Tandem Traffic Measurements
231-070-663	1	HILO and 2-Wire Tandem — Division of Revenue Separation Matrix
231-070-664	1	HILO and 2-Wire Tandem — Remote Trunk Arrangement (RTA)
231-070-710	1	Dial Tone Speed Delay
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231-070-715	2	Matching Loss
231-070-720	1	Service Observing
231-070-725	1	Receiver Attachment Delay
231-070-730	1	Blocked Dial Tone/No. 2 SCCS Work Station
231-070-740	2	Load Balance — Description
231-070-742	1	Signal Distributor — Administrative Responsibilities
231-070-754	1	Network Switching Performance Measurement Plan — Service Monitoring Procedures
231-070-755	2	Service Surveillance
231-070-756	1	Dial Tone Speed Service Problems — Analysis Procedures
231-070-757	1	Matching Loss Problem — Analysis Procedures — Network Administration
231-070-758	1	Ineffective Attempts Problem — Analysis Procedures — Network Administration
231-070-760	1	Office Overload Procedures
Addendum	1	
231-070-805	2	Line Load Control
231-070-806	1	Line Service Overload Strategy — Administrative Considerations
231-070-830	1	Recorded Announcements
231-070-850	1	35ASR Teletypewriter
231-070-860	1	Master Control Center
231-070-875	1	DATASPEED® 40 Terminal
231-070-880	1	Verification of Stored Information

231-080 Network Maintenance — 2-Wire 1 and 1A ESS Switches

Addendum	1	
231-080-201	1	Parameter Changes — Administrative Responsibilities
231-080-301	1	Digital Carrier Trunk Frame — Implementation Guidelines

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231-090/091 Feature Documents — Common to 2-Wire 1 and 1A ESS Switches		
231-090-011	5	Abstracts
■ Addendum	1	
■ 231-090-052	2	Automatic Line Insulation Test
■ 231-090-053	2	Station Ringer and Touch-Tone Test
■ 231-090-054	1	Glare Resolution
231-090-055	3	Attendant Call Through Test on Centrex Trunks
■ Addendum	2	
■ 231-090-056	2	Attendant Camp-On With Indication of Camp-On
■ 231-090-057	2	Attendant Conference
■ 231-090-058	2	Attendant Control of Trunk Group Access
■ 231-090-059	1	Attendant Direct Station Selection With Busy Lamp Field (50A CPS)
■ 231-090-060	2	51A Customer Premise System Attendant Position
■ Addendum	1	
■ 231-090-061	1	Prefixed Access Code Translator
■ Addendum	1	
■ 231-090-062	2	Peripheral Unit Controller/Data Link
■ 231-090-065	3	AUTOVON Interface
■ 231-090-066	2	Auxiliary Line Circuit
■ 231-090-067	2	2400 Data Link
■ Addendum	2	
■ 231-090-070	2	Busy-Verification of Station Lines and Centrex Trunks
■ 231-090-074	6	Call Forwarding Variable Feature (11-94) Mike Auter 708-224-7053
■ 231-090-075	7	Call Forwarding Busy Line and Call Forwarding Don't Answer Feature Document (11-94)
■ 231-090-076	3	Call Hold (CHD)
■ Addendum	1	
■ 231-090-079	3	Call Transfer
■ Addendum	3	
■ 231-090-080	2	Three-Way Calling
■ 231-090-081	6	Call Waiting Feature Document (3-95)
■ 231-090-082	2	Calls Waiting Lamps
■ 231-090-083	3	Calling Line Identification
231-090-084	3	Carrier Group Alarm and Trunk Make- Busy Key
■ 231-090-085	4	Common Control Switching Arrangement (2-93)
■ 231-090-089	2	Call Pickup
■ 231-090-090	2	Centrex-ESS-1 Direct Inward Dialing
■ 231-090-092	2	Code Calling
■ 231-090-094	2	Code 103 Test Line
■ Addendum	1	
■ 231-090-095	3	Coin
■ 231-090-097	2	Coinless Public Telephone Service
■ 231-090-098	2	Code 100-Type Test Line
■ Addendum	1	
■ 231-090-099	3	Code 105-Type Test Line
■ 231-090-100	3	Code 101-Type Test Line
■ 231-090-101	2	Code 102-Test Line
■ 231-090-102	1	Code 107-Type Test Line
■ 231-090-103	1	Synchronous Test Line
■ 231-090-104	1	Tandem Test Line
■ 231-090-105	2	Combined Touch-Tone and Dial Pulse Calling on Incoming Tie Trunks
■ 231-090-106	2	Interface With the Recorded Announcement Frame J1A058C
■ Appendix 1	1	Interface With the Recorded Announcement Frame J1A058D
■ Appendix 2	1	Interface With the Recorded Announcement Frame J1A058E Feature Document (1A and 1A ESS Switches)
■ 231-090-107	1	Interface With the Recorder Announcement Frame (J1A058A)
■ 231-090-108	1	Interface With Desks
■ 231-090-112	1	Interface With Switchboards
■ 231-090-114	5	Interface With Traffic Service Position System Feature (12-92)
■ 231-090-115	1	Interface With the Automatic Intercept System (AIS)
■ 231-090-116	2	Station Dial Conference

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■ 231-090-120	6	1 and 1A ESS Switches — Carrier Interconnect Feature — Feature Document
■ 231-090-121	1	Sleeve Lead Control
■ 231-090-122	2	Cut-Through to Operator After Local Intercept Announcement
■ 231-090-123	2	Delay Announcements
■ 231-090-125	1	Inactive Line
231-090-135	4	User Dialed Authorization Codes — Electronic Tandem Switching
■ 231-090-137	1	Automatic Time-Out of Announcements and Tones
■ 231-090-138	1	Traveling Class Mark (TCM) — Enchanced Private Switched Communication Service (EPSCS) — Electronic Tandem Switching (ETS)
■ 231-090-142	2	Flexible Route Selection
■ Addendum	2	
■ 231-090-143	2	Party Line Service
■ 231-090-144	1	Automatic Callback Calling
■ Addendum	1	
■ 231-090-145	1	Full ESSX-1
■ 231-090-146	5	Routing-Selected Transmission Control Feature Document (7/94)
■ 231-090-147	2	Identified Outward Dialing
■ 231-090-150	1	Incoming Call Identification (ICI)
■ 231-090-152	3	Digital Carrier Trunk (3-95)
■ Addendum	2	
■ 231-090-153	2	Operation With Remote Switching System
■ Addendum	3	
■ 231-090-154	3	Electronic Tandem Switching (2-93)
■ 231-090-155	1	Call Forwarding Variable Via Private Facilities (CFPF) and CFPF/Electronic Tandem Switching Compatibility (2-85)
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■ 231-090-158	4	1 and 1A ESS Switches Distinctive Ringing/Distinctive Call Waiting Tone Feature Feature Document (12-92)
■ 231-090-159	5	International Direct Distance Dialing Features
■ Addendum	1	
■ 231-090-160	2	Deluxe Queueing — Electronic Tandem Switching
■ Addendum	1	
■ 231-090-163	2	Facility Administration and Control — Electronic Tandem Switching
■ 231-090-165	2	Account Codes — Electric Tandem Switching (2-93)
■ 231-090-166	6	Station Message Detail Recording to Customer Premises — Electronic Tandem Switching (11-93)
■ 231-090-167	2	Basic Queuing for Trunks and Lines
■ 231-090-168	2	Traffic Data to Customer (Pollable) — Electronic Tandem Switching
■ 231-090-169	1	Selective Customer Control of Facilities
■ 231-090-171	1	Centralized Attendant Service
■ Addendum	1	
■ 231-090-173	3	Manual Line Service (2-93)
■ 231-090-177	1	50B Customer Premises System Attendant Position
■ 231-090-178	1	50A CPS Attendant Position
■ Addendum	1	
■ 231-090-179	2	Series Completion
■ Addendum	2	
■ 231-090-180	3	Multiline Groups—Hunting and Nonhunting Capabilities
■ 231-090-186	2	Night Service
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■ 231-090-188	2	Service Observing Functions
■ 231-090-191	1	Revertive Pulsing Trunks
■ 231-090-192	2	Open Switching Interval Protection
■ Addendum	1	
■ 231-090-195	1	Line Service Overload Strategy
■ 231-090-196	2	Operator Tandem
■ 231-090-199	2	Loudspeaker Paging
■ 231-090-200	2	Radio Paging Access
■ 231-090-205	5	Permanent Signal and Partial Dial Treatment and Permanent Signal Administration
■ 231-090-210	1	Power Failure Transfer — Attendant
■ 231-090-211	1	Interface With MJ and MK Mobiles Radio Telephone System
■ 231-090-217	2	Recorded Telephone Dictation

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■ 231-090-219	4	Remote Office Test Line and Processor Controlled Interrogator
■ 231-090-229	2	Simulated Facilities Feature — 2-Wire
■ 231-090-234	2	Toll Operator Signaling and Compatibility With TSPS Residual Traffic (TORT)
■ Addendum	1	
■ 231-090-253	3	Through Dialing
■ Addendum	2	
■ 231-090-254	1	Tandem Tie Trunk Service (Nonsenderized)
■ Addendum	1	
■ 231-090-256	1	Tie Trunk and Foreign Exchange Service
■ 231-090-260	2	Trunk Answer From Any Station
■ 231-090-262	1	Trunk Group Busy Lamp (TGBL)
■ 231-090-269	1	Basic ACD Service
■ 231-090-273	2	Outward Wide Area Telecommunications Service
■ 231-090-274	1	800 Service — Originating Screening Office
■ 231-090-275	3	800 Service — Terminating End Office (11-94)
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■ 231-090-276	1	Busy/Idle Status Indicator
■ Addendum	1	
■ 231-090-278	1	Centralized Automatic Message Accounting (CAMA)
■ Addendum	1	
■ 231-090-280	1	Hotel/Motel Service
■ 231-090-285	1	Hospital Service
■ Addendum	1	
■ 231-090-287	2	Universal Emergency Service Number 911 — Basic 911 Service
■ 231-090-288	5	Universal Emergency Service Number 911 — Enhanced 911 Service Feature Document
■ 231-090-291	2	Customer Dialed Account Recording
■ Addendum	2	
■ 231-090-292	2	Call Forwarding Usage Sensitive
■ 231-090-294	1	Combined Operator Office Trunk
■ 231-090-300	1	Flexible Incoming Call Restriction (FICR)
■ 231-090-304	1	Multiple Position Hunt
■ Addendum	2	
■ 231-090-305	1	Network Management
■ 231-090-308	2	Interface With Pair Gain Systems
■ 231-090-309	1	Receiver Attachment Delay Report (RADR)
■ Addendum	1	
■ 231-090-312	3	Remote Call Forwarding
■ 231-090-316	1	Through Balance Test Facilities — 1 ESS Switch
■ 231-090-321	2	Toll Diversion to Attendant
■ 231-090-334	2	Automatic Call Distribution — Phase 1
■ 231-090-336	1	ACD Multiline Group Hunt — 2-Wire
■ 231-090-338	3	Tones and Announcements to ACD Agents
■ Addendum	1	
■ 231-090-339	3	ACD Queuing and Call Distribution to Agents (2-93)
■ Addendum	2	
■ 231-090-340	2	Selected Traffic to Customer
■ 231-090-342	2	Code 104-Type Test Line (104 TL)
■ 231-090-344	2	Directory Assistance Charging
■ 231-090-345	1	Fast Repeat of Answer Supervision
■ Addendum	1	
■ 231-090-346	1	Division of Revenue Measurements — (1E8/1AE8 Generic Program and Later)
■ Addendum	2	
■ 231-090-350	2	Division of Revenue Peg Counts
■ 231-090-351	1	Customer Controlled Station Restriction (CCSR)
■ 231-090-356	2	Coin Line Activity Monitoring
■ 231-090-359	1	Semirestricted Centrex Station Class
■ Addendum	1	
■ 231-090-366	3	HILO 4-Wire Switching
■ Addendum	2	
■ 231-090-370	3	Dial Call Waiting
■ 231-090-371	2	Directed Call Pickup — Nonbarge-In
■ 231-090-372	1	2-Wire Toll/Tandem Operation
■ 231-090-399	2	Automatic Call Distribution — Phase 2 Description
■ 231-090-400	1	Single Digit Dialing

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■ 231-090-401	6	Speed Calling Feature (11-94)
■ Addendum	1	
■ 231-090-402	1	Station Message Register Service
■ Addendum	1	
■ 231-090-403	1	Directed Call Pickup With Barge-In
■ 231-090-404	3	Echo Suppressor Measuring System (ESMS) — Feature Document (3-94)
■ Addendum	1	
■ 231-090-408	2	Outgoing Trunk Queueing (Phase 1)
■ 231-090-409	1	Multifrequency Signaling on Bylink Trunks
■ Addendum	1	
■ 231-090-410	1	Incoming Trunk Service Observing
■ 231-090-411	1	Interface With Common Systems — Recorded Announcement Frame
■ Addendum	1	
■ 231-090-412	3	Basic Data Link Input/Output Control
■ 231-090-413	2	Interface With ACD-ESS Management — Information System
■ 231-090-415	1	ACD Phase 2 Agent Log-In
■ Addendum	3	
■ 231-090-416	2	Common Channel Interoffice Signaling — Local and Toll
Appendix 1	1	Associated Common Channel Signaling
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■ 231-090-417	1	Message Detail Recording on Tie Trunks
■ 231-090-418	1	ACD Interface With 12A Customer Information System
■ 231-090-419	1	Interface With Property Management System
■ 231-090-421	1	Interface With Coordinator Cathode-Ray Tube Terminal Feature — Automatic Call Distribution — Phase II
■ 231-090-422	1	Interface With 60A Customer Premises System — Automatic Call Distribution — Phase 1
■ 231-090-423	1	Interface With 60B Customer Premises System — Automatic Call Distribution — Phase 2
■ 231-090-424	1	Interface With 90A Customer Premises System — Automatic Call Distribution — Phase I
■ 231-090-425	7	1/1AESS Feature Handbook (12-93)

231-099 Customer Information Releases (CIRs)

231-099-001TD	1	Selected Traffic Data to Customer (CTRF) Enrichment Feature, Switching Systems
231-099-002TD	1	Centrex Flexible Route Selection (FRS) Improvements, Switching Systems
231-099-003TD	1	Centrex 2-Digit Individual Speed Calling, Switching Systems
■ 231-099-004TD	1	INWATS AMA On DID Trunks, Switching Systems
231-099-005TD	1	Attendant Call-Through Test Capability (Remote Test Verification System), Switching Systems
231-099-006TD	1	Simplified Message Desk Interface, Switching Systems
231-099-007TD	1	Electronic Tandem Switch Billing Improvements, Switching Systems
231-099-008TD	1	Circuit Switched Digital Capability (CSDC), Switching Systems
231-099-009IR	1	1AE8 Issue 8A CCW and Usage Sensitive 3-Way Calling (USTWC) Features Ordering and Billing Classification, Switching Systems
231-099-010NP	1	Periodic Partial Update Process and Forthcoming Custom Features for 1A ESS Switching Equipment Systems, Switching Systems

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231-099-011NP	4	1A ESS Switching Equipment Generic Program 1AE9 - New Features and Enrichments, Switching Systems
231-099-012PS	1	Updated Keyboard Display for 1A ESS Switches, Switching Systems
231-099-013IR	2	1E/1A ESS Switch Translation Growth Process, Switching Systems
231-099-014NP	1	Periodic Partial Update for 1AE8 Issue 8A.03 & Forthcoming Custom Features for 1A ESS Switch Systems, Switching Systems
231-099-015TD	1	Home Intercom 1A ESS Switch Custom Feature, Switching Systems
231-099-016TD	1	Immediate AMA Dump Capability 1A ESS Switch Custom Feature, Switching Systems
231-099-017TD	1	Centrex Improved Recent Change Line Entry (CLE) 1A ESS Switch Custom Feature Offering, Switching Systems
231-099-018IR	1	Centrex Data Facility Pooling, Switching Systems
231-099-019NP	1	Network Management Reroutes with 1/1A ESS Carrier Interconnect, Switching Systems
231-099-020IR	1	Generic Program Software Support Policy 1/1A ESS Switching Systems
231-099-021TD	1	Equal Access Considerations for HILO Offices, Switching Systems
231-099-022TD	4	Message Service System Interface Specifications, Switching Systems
231-099-023TD	2	Simplex Voiceband Digital Interface Specification, Switching Systems
231-099-024TD	1	Centrex Data Facility Pooling Interface Specifications, Switching Systems
231-099-025TD	1	1A ESS Switch Associated Common Channel Signaling, Switching Systems
231-099-026NP	1	1A ESS Switch Generic 1AE8 Issue 8A.05 Availability, Switching Systems
231-099-027IR	3	Interface Information (Protocol) — Local Area Signaling Services for the 1A ESS Switch, 1AE9 Generic Program, Switching Systems (9-93)
231-099-028IR	1	New AMA Capabilities — 1A ESS Switch, Switching Systems
231-099-029TD	1	1A ESS Input/Output Asynchronous Protocol Specifications, Switching Systems
231-099-030NP	1	1A ESS Switch Generic 1AE8 Issue 8A.06 Availability, Switching Systems
231-099-031TD	1	Interface Specification for Long-Haul Modems for Use in Centrex Data Facility Pooling, Switching Systems
231-099-032IR	2	Interface Information (Protocol) Pay Per View (STAR 85), Switching Systems
231-099-033IR	1	Signal Reception and Rejection Limitations for ESS Switches, Switching Systems
231-099-034NP	3	1A ESS Switch 1AE10/CCST Generic Program New Features and Enrichments, Switching Systems
231-099-035ML	1	1A ESS Switch ETS Business Custom Features, Switching Systems
231-099-036PS	2	E911 Automatic Location Identification/Data Management System, Switching Systems
231-099-037PS	2	ALI/MUX (Automatic Location Identification/Multiplexer), Switching Systems
231-099-038PS	3	E911 ANI (Automatic Number Identification) Controller and Display Unit, Switching Systems
231-099-039ML	1	1A ESS Switch Home Intercom/Single Line Variety Package Custom Features, Switching Systems
231-099-040IR	1	New AMA Formats for the Remote Access and Centrex Station Rearrangements Feature — 1A ESS Switch, Switching Systems
231-099-041IR	3	New AMA Structure Codes for LASS — 1A ESS Switch, Switching Systems.

Number	Issue	Subject
231-099-042IR	3	New AMA Function Codes for LASS — 1A ESS Switch, Switching Systems.
231-099-043ML	1	1A ESS Switch Remote Access to Call Forwarding Feature, Switching Systems.
231-099-044MA	1	E911 ANI (Automatic Numbering Identification) Controller Circuit Pack Upgrade, Switching Systems
231-099-045IR	1	AMA Formats for the Service Switching Points Feature — 1A ESS Switch, Switching Systems
231-099-046NP	1	Periodic Update Process for 1A ESS Switch APS Software, Switching Systems
231-099-048IR	1	AMA Formatting Change for the 1A Switch, Switching Systems
231-099-049MG	1	Deterioration of Voice Grade Ferreed Contacts in 242-Type Network Switches, Switching Systems
231-099-050MG	1	CALL-STALKER® E911 System — Direct Trunking Compatibility Alert, Switching Systems
231-099-051IR	1	AMA-LDC (Long Duration Call) — 1A ESS Switch, Switching Systems
231-099-052TD	1	Output Specification Document from the APS (Attached Processor System) for the SBVA Feature — 1A Switch, Switching Systems
231-099-053NP	1	1A ESS Switch 1AE11 Generic Program — New Features and Enrichments, Switching Systems
231-099-055IR	1	Discontinued Availability of the 1 ESS Switch, Switching Systems
■ 231-099-056IR	7	1A ESS Switch Automatic Message Accounting (AMA) Formatting Changes (10-94)
231-099-057NP	1	1A ESS Switch 1AE12 Generic Program — New Features
■ 231-099-058TD	1	1A ESS Switch Advanced Services Interface (ASI) Proxy Feature Interface Specifications (11-94)

231-1 2-Wire — 1 *ESS*™ Switch

231-100/159 System Equipment and Operation

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231-100-101	2	Signal Processor — Description of System Operation
■ Addendum	1	
■ 231-100-102	2	Signal Processor — Program Instructions
231-100-311	3	Cutover Procedures (Pident SACT) — (CTX-6 and Later Generic Programs)
231-102-101	1	Junctor, Trunk, and Service Circuits — Description
231-103-101	2	Call Processing — Description
Addendum	1	
231-104-301	7	Updating Program Store Translation Information
Addendum	1	
231-104-302	8	Single Card Writing Procedures (Generic Program Overwrites)
231-104-305	2	Monitoring Recent Change Area — Customer Originated Recent Change (CORC)
231-105-301	4	General Maintenance Procedures
231-105-302	4	Procedures for Taking Equipment Out of Service, Removing and Restoring Equipment to Service — 2-Wire
231-105-305	1	Clock Speedup — Descriptions and Procedures
231-106-301	3	Method of Handling Complaints and Requests — AMA Charge Irregularities
231-107-301	3	Trunk Error Analysis Tables and Trunk Error Message
231-109-101	2	Maintenance Interrupt Description
■ Addendum	2	
■ 231-109-302	1	Analyzing Maintenance Interrupts and Trouble Locating Procedures — Generic 1E4 Through 1E6
■ 231-110-301	6	Call Tracing and Calling Line Identification Procedures
■ Addendum	2	
231-111-101	2	786A Tool — Buffer Bus — Data Insert Keys — Description

Number	Issue	Subject
231-111-105	1	System Recovery — Description
■ Addendum	2	
■ 231-112-304	2	Analyzing Audit Output Messages
231-114-501	4	Emergency Manual Line Circuit — SD- 1A156-01 and SD-1A243-01 — Tests
231-115-501	11	Attendant Interface Frame, Auxiliary Manual Test Circuit, Processor Interface Frame, and Peripheral Data — Storage Processor Frames —Office Alarm Tests
■ Addendum	2	
■ 231-117-301	3	Off-Line Operations
231-118-319	1	Locating, Analyzing, and Correcting Link List Troubles — All Generic Programs
231-118-339	2	Automatic Call Distribution (ACD) Phase 2 Recent Change Procedures — 1E4 Through 1E6 Generic Programs
Addendum	1	
231-118-340	2	Overall Procedures for Implementing Automatic Call Distribution (ACD) Phase 1 — Generic CTX-8, Issue 3, and 1E4
231-118-342	1	Recent Change Procedures for Expanded 911 (E911) Service — 1E5 Generic Program
231-118-343	3	Enhanced Private Switched Communications Service (EPSCS II) — Recent Change Implementation Procedures — (1E6 and 1E7 Generic Programs)
231-119-320	5	Procedures for Building or Deleting Head Tables, Data Tables, Subtranslators, Auxiliary Blocks, and Unit Type Translators (Through 1E8A Generic Programs)
■ 231-119-321	5	2:1 Ferreed and Remreed Line Link Network — Growth Procedures
■ 231-119-322	4	Universal Trunk, Miniaturized Universal Trunk, and HILO Universal Trunk Frames (Home and Mate) — Growth Procedures
■ 231-119-323	5	4:1 Ferreed and Remreed Line Link Network — Growth Procedures
■ 231-119-324	5	Ferreed and Remreed Trunk Link Network — Growth Procedures
■ 231-119-325	4	Junctor Frame (Home or Mate) — Growth Procedures
■ 231-119-326	2	Miscellaneous Trunk Frame — Equipped With a Teletypewriter Transmitter- Receiver — Growth Procedures — (CTX-6 Through CTX-8 Issue 3 Generic Programs)
■ 231-119-328	4	Supplementary Trunk Test Frame and Auxiliary Test Frame — Growth Procedures
■ Addendum	1	
■ 231-119-329	2	Centrex Data Link Frame and Centrex Data Link Unit — Growth Procedures
■ 231-119-330	2	Central Control to Signal Processor — Conversion Procedures (CTX-6 and Later Generic Programs)
■ 231-119-331	2	Miscellaneous Trunk Frame With Step-by- Step Incoming Trunks Growth Procedures (CTX-6 Through CTX-8 Issue 3 Generic Programs)
■ Addendum	2	
■ 231-119-332	1	Miscellaneous Trunk Frame Equipped With Automatic Identified Outward Dialing — Interface Circuit and Automatic Number Identification Connecting Unit — Growth Procedure (CTX-6 Through CTX- 8 Issue 3 Generic Programs)
■ 231-119-335	1	Attendant Interface Frame — Growth Procedures (CTX-8 Generic Program)
■ 231-119-341	4	Master Scanner — Growth Procedures
■ Addendum	2	
■ 231-119-342	3	8K Call Store Central Control or Signal Processor Growth Procedures
■ 231-119-343	3	Program Store — Growth Procedures
■ 231-119-344	3	Central Pulse Distributor — Growth Procedures — (CTX-6 Through CTX-8 Issue 3 Generic Programs)

	Number	Issue	Subject
■	231-119-345	4	Miscellaneous Trunk Frame and Miscellaneous Trunk Frame Signal Distributor (MTF/SSD, Combined MTF/SSD, or HILO MTF/SSD) — Growth Procedures
■	231-119-346	3	Power Distributing, Recorded Announcement, Common Systems Recorded Announcement, Control and Distribution, Miscellaneous, Miscellaneous Power, Miscellaneous Trunk, Protector, Distributing, and Junctor Grouping Growth Frames (CTX-6 and Later Generic Programs)
	Addendum	2	
■	231-119-347	4	32K Call Store — Growth Procedures
■	231-119-351	3	Manual Trunk Test Frame and Auxiliary Manual Test Frame Growth Procedures — (1E4 and Later Generic Programs)
	231-120-302	5	Plant Measurement Procedures
	231-121-301	4	Dial Tone Speed Test Procedures
	231-125-301	8	Master Control Center — Alarm, Display, and Control Panel — Method of Operation
	231-125-310	2	Displaying Scanner Row on Program Display Lamps of Master Control Center
	Addendum	2	
	231-130-301	8	Trunk and Line Test Panel, Supplementary Trunk Test Panel, and Auxiliary Test Frame — Method of Operation (Through 1E5 Generic Program)
	231-140-101	3	Teletypewriter Facility — Description
	231-140-301	6	Teletypewriter Operating Procedures
	231-144-000	1	Peripheral Data Storage Processor (PDSP) — Description
	231-144-005	2	Processor Interface Frame — Description — Peripheral Data Storage Processor
	231-144-150	2	Enhanced Private Switched Communications Service — Peripheral Data Storage Processor — Data Base Description
	231-144-151	2	Enhanced Private Switched Communications Service — PDSP Software — Description
	231-144-152	2	Peripheral Data Storage Processor — Traffic Measurement Software — Description
	231-144-301	2	System Initialization and Recovery Procedure — Peripheral Data Storage Processor (PDSP)
	231-144-303	2	Data Base Reallocation Procedure — Peripheral Data Storage Processor
	231-144-304	2	Updating Generic Program — Peripheral Data Storage Processor (PDSP)
	231-144-305	1	Tape Data Facility — Operating Procedures — Peripheral Data Storage Processor
	231-144-306	1	System Growth Procedure — Enhanced Private Switched Communications Service (EPSCS) and E911 Peripheral Data Storage Processor (PDSP)
	231-144-307	2	Peripheral Data Storage Processor — Processor Interface Unit — Software Description and Maintenance Procedures
	231-144-308	2	PDSP Universal Data Link Controller and Data Link Interface — Software Description and Diagnostic Procedures
	231-144-310	1	Peripheral Data Storage Processor — Maintenance Procedures
	231-144-311	2	Traffic Measurements for Peripheral Data Storage Processor
	231-144-350	3	Recent Change and Data Base Generation Procedures for Enhanced Private Switched Communication Service — Peripheral Data Storage Processor
	231-144-360	2	Recent Change Procedure and Data Base Generation for E911 — Peripheral Data Storage Processor (PDSP)
●	231-144-401	1	3B20D Data Switch — General Description — Enhanced Private Switched Communication Service
●	231-144-402	1	3B20D Data Switch — Engineering Parameters — Enhanced Private Switched Communication Service

	Number	Issue	Subject
❶	231-144-403	1	3B20D Data Switch — Software Description — Enhanced Private Switched Communication Service
❶	231-144-404	1	3B20D Data Switch — Traffic Measurements — Enhanced Private Switched Communication Service
❶	231-144-405	1	3B20D Data Switch — Initialization and Recovery — Enhanced Private Switched Communication Service
❶	231-144-406	1	3B20D Data Switch — Maintenance Procedures — Enhanced Private Switched Communication Application
❶	231-144-407	1	3B20D Computer Data Switch — Data Base and Recent Change Verify Description — Enhanced Private Switched Communication Service
	231-147-301	6	Auxiliary Test Programs — Common Procedures
	Addendum	1	
	231-148-301	4	Bus System Test Procedures
	231-148-303	4	Live Office Network Fabric Program — Procedures
	Addendum	1	
	231-148-304	1	Scanner Test Procedures
	231-148-305	2	Universal Controller Test Procedures
	231-148-306	1	Junctor Test Program — Procedures
	Addendum	2	
	231-149-301	3	Administrative Data Link Facility — Transmit and Receive Procedures
	231-150-301	4	AMA or AMATPS Data Retrieval and Insertion Procedures
	231-151-301	5	Data Mapping Procedures
	Addendum	1	
	231-151-302	5	Translations Structure Check Program Procedures
	Addendum	2	
	231-151-303	3	Parameter/Translation Verification Program — Procedures
	231-151-304	3	Translations Search Program — Procedures
	231-151-305	4	Translation Data Check Program — Procedures
	Addendum	1	
	231-152-301	5	Automatic Board-to-Board Testing Procedures
	231-153-301	4	Program Store Copy, Compare, and Dump Procedures and Call Store Dump Procedure

231-160/189 Task Oriented Practices — 2-Wire 1 ESS Switch

	Addendum	1	
	▲231-162-000	1	Program Store Frames — (2-Wire and 4- Wire)
	▲231-162-001	2	8K Call Store Frames — (Generic 1E4 Through 1E6)
	▲231-162-005	1	Central Control (2-Wire and 4-Wire)
	▲231-163-000	2	Memory Card Writer/Memory Card Loader — Operational Tests
	▲231-163-002	3	Trunk and Service Circuits — Translations (Through Generic 1E8A)
	▲231-164-000	2	System Recovery
■	Addendum	1	
	▲231-164-005	2	System Evaluation
■	▲231-164-010	3	Generic Program, Parameter and Translations System Updates (TOP document)
	▲231-165-001	1	Signal Processor
■	Addendum	1	
	▲231-165-005	1	32K Call Store Frames — 1 ESS Switch — (Generic 1E6 and Earlier)
	▲231-167-001	3	Centrex — CO/ESSX-1-Translations-Basic (Generic 1E4 — 1E7)
	▲231-167-002	3	PBX — Translations (Through Generic 1E8A)
	▲231-167-003	2	Automatic Call Distribution — Translations (Generic 1E4 Through 1E7)
■	Addendum	1	
	▲231-167-004	3	Routing and Charging — Translations (Through Generic 1E8A)
	▲231-167-005	3	CTX-CO/ESSX-1 — Translations CFG, CSR, DL, FRS, MLG, SFG — Through Generic 1E8A
	▲231-167-015	1	Electronic Tandem Switching (Generic 1E6)

Number	Issue	Subject
▲231-167-020	2	Translations — Miscellaneous Procedures and Trouble-Clearing Data
▲231-168-000	1	Master Control Center — 1 ESS Switch
▲231-171-001	3	Traffic and Plant Measurements (Generic 1E6 and Later)

231-190/195 Feature Documents and User's Manuals — 2-Wire 1 ESS Switch

Feature Documents

Number	Issue	Subject
■ 231-190-063	4	Automatic Message Accounting
■ 231-190-064	1	Centrex Station Rearrangements
■ 231-190-068	1	Interface With Automatic Message Accounting Transmitter
■ Addendum	2	
■ 231-190-127	2	Enhanced Private Switched Communications Service
■ 231-190-128	2	Meet-Me Conference Feature — Enhanced Private Switched Communications Service
■ 231-190-129	2	Network Trunk Queueing — Enhanced Private Switched Communications Service
■ 231-190-130	2	Network Message Detail Recording — Enhanced Private Switched Communications Service (EPSCS)
■ 231-190-132	1	Authorization Code Screening — Enhanced Private Switched Communications Service
■ 231-190-133	2	4-Wire Direct Access Line
■ 231-190-134	1	Off-Network Calling Using Touch-Tone and Dial Pulse Outpulsing — Enhanced Private Switched Communications Service (EPSCS)
■ 231-190-136	1	Interface With Peripheral Data Storage — Processor
■ 231-190-139	1	Automatic Calling Station Identification — Enhanced Private Switched Communications Service
■ 231-190-140	1	Network Attendant — Enhanced Private Switched Communication Service (EPSCS)
■ 231-190-141	1	Deluxe Network Access
■ 231-190-148	1	Alternate Route Selection — Enhanced Private Switched Communications Service
231-190-149	1	Service Network — Shared Enhanced Private Switched Communications
■ Addendum	1	
■ 231-190-190	2	Office Overload Controls
■ 231-190-207	1	Traffic Measurements Feature
■ Addendum	2	
■ 231-190-305	3	Network Management
■ 231-190-314	3	Operation With Engineering and Administrative Data Acquisition System
■ 231-190-365	1	Automatic Broadcast Warning
Addendum	1	
■ 231-190-405	2	Interface With Switching Control Center System

User's Manuals

Number	Issue	Subject
231-195-100	1	Centrex Station Rearrangements

231-2 MTSO (Mobile Telephone Switching Office) — 1A *ESS* Switch

231-200/209 Overall AUTOPLEX® System 100 Descriptions

Number	Issue	Subject
231-200-005	3	System Description, MTSO, Cell Site, and Subscriber Unit — Cellular Telecommunications System
Addendum	1	
231-200-010	1	System Documentation — Description and Organization
231-200-020	3	Maintenance Considerations, Cell Site, and MTSO — Cellular Telecommunications System
231-201-008	3	Cell Site Generic and Translation Updates — Cellular Telecommunications System

231-210/219 MTSO Software Descriptions — 1A ESS Switch

Number	Issue	Subject
■ Addendum	1	
■ 231-210-000	1	MTSO and Cell Site Overview
231-210-510	1	MTSO and Cell Site Recovery — 2-Wire
Addendum	1	
231-210-520	1	Cell Site Maintenance

Number	Issue	Subject
231-210-530	1	Cell Site Common Control — 2-Wire
231-218-301	4	Recent Change Formats and Implementation — Description and Procedures — Cellular Telecommunications System

231-250/259 MTSO Maintenance — 1A ESS Switch

Number	Issue	Subject
231-250-010	3	Cell Site Maintenance, Initialization, and Recovery — Cellular Telecommunications System
▲231-251-000	2	Speech Path Maintenance
■ 231-252-000	1	Cellular Networking Implementation, Operation, and Maintenance Procedures

231-290 MTSO Feature Documents — 1A ESS Switch

Number	Issue	Subject
231-290-600	3	2-Wire
■ 231-290-601	1	Maintenance and Administration System Feature
■ Addendum	1	
■ 231-290-603	1	Overload Control Feature
■ Addendum	1	
■ 231-290-604	2	Traffic Measurements
■ 231-290-605	1	Mobile Call Trace and Mobile Calling — Line Identification
■ Addendum	2	
■ 231-290-606	1	Speed Calling
231-290-607	1	Immediate Forwarding
■ 231-290-608	1	Conditional Call Forwarding
■ 231-290-609	1	Three-Way Calling
231-290-610	1	Call Waiting
231-290-611	1	Priority Call
Addendum	2	
231-290-615	1	ROAMER I
231-290-616	2	ROAMER II
231-290-618	1	Cellular Networking — Automatic Message Accounting — AUTOPLEX System
231-290-619	1	Cellular Networking
231-290-620	3	Automatic Message Accounting
231-290-621	1	Privacy/Data Products Interface
231-290-622	2	Message Desk Service
231-290-623	2	Project Accounting Service
■ 231-290-624	2	Limited and Modified Limited Service Areas
231-290-626	1	Upward Handoff
231-290-627	1	Multiple Supervisory Audio Tones
231-290-629	1	Routing Service for Emergency Calls
231-290-630	1	Dynamic Channel Allocation — AUTOPLEX System 100 — Cellular Telecommunications System
■ 231-290-631	1	Limited Access for Roamers — AUTOPLEX System 100
231-290-633	1	AMA Dump for Selected Customers — AUTOPLEX System 100
■ 231-290-634	1	Abbreviated Directory Number Access and Enhanced Abbreviated Number Access

231-3 2-Wire —1A *ESS* Switch

231-300/309 Equipment — 1A ESS Switch

Number	Issue	Subject
■ Addendum	4	
■ 231-300-005	3	Line Cutover Procedures (PIDENT SACT)
231-300-008	4	Generic Overwrite and Recovery Tape Guidelines — Description
231-300-010	2	Acceptance Test Plan — Description
231-300-012	1	File Store to Attached Processor System Conversion
■ 231-300-014	3	Program Store and Call Store Expanded Memory Description
■ Addendum	1	
■ 231-300-015	5	Plant Measurements— Description
231-300-020	1	Customer Originated Recent Changes (CORC)
■ 231-300-021	4	Customer Originated Recent Changes (CORC) — Description — (1AE7 and Later Generic Programs)
■ 231-300-025	2	Audit Output Messages — Analyses
■ Addendum	1	
231-301-000	3	Processor Peripheral Interface Frame and Control and Display Frame — Description — 2-Wire
231-301-001	1	Processor Peripheral Interface Frame and Control and Display Frame — Theory

Number	Issue	Subject
231-301-005	2	Attached Processor System — General System Application
231-301-010	2	System Unit Duplication and Bus System — Description
231-301-020	5	Input/Output System — Description
231-301-025	1	Circuit Switched Digital Capability — Maintenance Circuit
231-301-026	1	Digital Office Timing Supply — Description — Circuit Switched Digital Capability
231-301-027	1	Circuit Switched Digital Capability (CSDC) — Channel Units — Voice Frequency Loss and Levels
231-301-301	1	Digital Office Timing Supply — Maintenance
■ Addendum	1	
■ 231-301-302	3	Common Channel Signaling 7 — Trunk Maintenance (3-94)
■ Addendum	1	
■ 231-302-301	4	E911 Bulk Recent Change Capability — Implementation and Maintenance Procedures — (1AE8A and Later Generic Programs)
■ 231-302-305	5	Enhanced Input/Output Subsystem — Implementation Procedures for Customer Channels (24-95) — (1AE9 and Later Generic Programs)

231-310/319 Software — 1A ESS Switch

Software Descriptions

■ 231-310-210	1	Fault Recognition
■ 231-310-240	1	Data Mapping (Updating)
■ 231-310-250	1	Master Control Center
■ 231-310-260	1	Local Utility Program — 2-Wire 1A ESS Switch
■ 231-310-265	1	Input/Output Application
■ 231-310-280	1	Library Control
■ 231-310-300	1	Interrupt Recovery Software Control Structure
■ 231-310-310	1	System Reinitialization
■ 231-310-320	1	Hardware Recovery
■ 231-310-330	1	Software Initialization
■ 231-310-340	1	Emergency Mode Control
231-310-405	1	Circuit Switched Digital Capability

Number	Issue	Subject
Procedures, Translations, and Recent Changes		
■ 231-311-000	6	Library System — General Description
231-311-002	3	Peripheral Unit Bus Tests — Procedures
231-311-003	2	Line Office Fabric Test — Description
Addendum	1	
231-311-004	3	Universal Controller Test Program — Procedures
231-311-005	2	Automatic Board-to-Board Testing Description
Addendum	1	
■ 231-311-006	5	Translation Structure Check Program — Procedures
Addendum	1	
■ 231-311-007	4	Translation Data Check Program — Procedures
Addendum	1	
231-311-008	2	Translation Search Program — Procedures
■ 231-311-009	4	Translations Copy — Procedures
Addendum	1	
231-311-010	2	Recent Change Mapping — Description
Addendum	2	
231-311-011	1	Junctor Test Program — Description
■ Addendum	1	
■ 231-318-316	3	General Recent Change and Verification Information — Description —(1AE8A.05 and Later Generic Programs) (3-95)
■ Addendum	1	
■ 231-318-317	2	Recent Change Message Program Listings, System Acknowledgments, RC18, RC16, RC29, and RC Failure Output Messages — Description — (1AE8A.05 and 1AE9 Generic Programs) (11-94)
Addendum	1	
231-318-319	2	GENT, PSBLK, PSWD, and SUBTRAN — (1AE8A.05 and Later Generic Programs)— Recent Change Formats
■ 231-318-320	4	Procedures for Adding or Deleting Head Tables, Data Tables, Subtranslators, Auxiliary Blocks, and Unit Type Translators

	Number	Issue	Subject
■	Addendum	1	
■	231-318-321	1	Translators Not Having Specific Recent Change Messages — Updating Translations — (1AE8A.05 Through 1AE9 Generic Programs)
■	231-318-325	13	ACT, CFV, DNRNGE, LINE, MLHG, MOVE, MPTY, SCLIST, SLE, TWOPTY, VEND — Line Recent Change Formats — 1AE8A.05 and later Generic Program (3-95)
	231-318-330	1	OBS, TOBS, and Plug — Recent Change Formats — (1AE8A.05 Through 1AE9 Generic Programs)
■	Addendum	3	
	231-318-331	1	ANIDL, BISI, CFG, CLAM, CPD, JUNCT, LRE, MSN, NMTGC, PLM, PUC, PUCMB, RCHAN, ROTL, RSP, RSSCB, and SIMFAC — Recent Change Formats — (1AE8A.05 Through 1AE9 Generic Programs)
■	231-318-334	6	CAMA, CCIS, CFTRK, POINTC, SCGA, TG, TGBVT, TGMEM, TKCNV7, TKCONV, TMBCGA, and TRK — Trunk Translation Recent Change Formats — (1AE8A.05 and Later Generic Programs) (6-94)
■	Addendum	1	
■	231-318-336	10	ANNC, ARS, CCOL, CHRGX, DIGTRN, DITABS, DNHT, DNTRIG, IDDD, IWSA, NOCNOG, NOGRAC, PACT, RATPAT, RI, RLST, TDXD, and TNDM — Rate and Route Recent Change Formats — (1AE8A.05 Through Generic Programs) (3-95)
■	Addendum	2	
■	231-318-338	3	CTRF, DIGTRN, NUTS, TNCTX, TRFHC, TRFLCU, and TRFSLB — Traffic Measurement Recent Change Formats — (1AE9 and Later Generic Programs) (11-93)
■	231-318-340	12	Local Area Signaling Services (LASS) — Recent Change Implementation Procedures — (1AE9 and Later Generic Program) (3-95)
■	231-318-350	2	Carrier Identification Code Expansion (CICE) and Intra-LATA Toll Primary Inter-Exchange Carrier (IPIC) — Recent Change Procedures — 1AE12 (3-95)
■	231-318-355	9	CTXCB, CTXDI, CTXEXR, CXDICH, DITABS, Centrex-CO/ESSX-1 Recent Change Formats — (Generic Programs 1AE8A.05 and Later) (3-95)
■	231-318-356	2	DLG, FLXDG, FLXRD, and FLXRS — Centrex-CO/ESSX-1 Recent Change Formats — 1AE8A.05 and Later Generic Programs (5-94)
	231-318-360	2	Centrex Data Facility Pooling — Implementation Procedures — (1AE8A and Later Generic Programs)
	231-318-362	1	City Wide Centrex (CWC) — Implementation Procedures — (1AE9 Generic Program)
■	Addendum	2	
■	231-318-364	4	Message Service System — 1AE9 and Later Generic Programs — Implementation Procedures
	231-318-366	1	Centrex Electronic Key — Implementation
■	231-318-372	1	1A ESS Switch — Advanced Services Interface-Proxy Implementation Procedures (1AE12.04 and Later Generic Programs)
■	Addendum	2	
■	231-318-375	5	Common Channel Signaling System 7 Recent Change Implementation Procedures and Trunk Conversion (1AE10.01 and later Generic Programs) (7-92)
■	Addendum	1	
■	231-318-376	3	Common Channel Signaling System 7 — SSP (Service Switching Point) Translation Implementation Procedures — (1AE10.01 and Later Generic Programs)
	231-319-001	3	General Growth — Description
	231-319-002	1	1024 to 2048 Trunk Link Network Merge — Description

Number	Issue	Subject
231-360/389 Detail Maintenance — 1A ESS Switch		
■ Addendum	2	
■▲231-360-002	4	Master Control Center — Processor Peripheral Interface Frame
■▲231-361-001	4	Switching Network — System Evaluation
▲231-361-003	3	Peripheral Growth — (Generic 1AE6 and Later)
■▲Addendum	2	
■▲231-361-010	2	I/O, IOP, and TUC — Equipment Growth — (1AE6 and Later Generic Program)
■▲Addendum	2	
■▲231-361-015	3	Call Stores and Program Stores — Equipment Growth — (Generic Programs 1AE6 and Later)
■▲Addendum	1	
■▲231-361-020	4	File Store to Attached Processor System (APS) Conversion (6-93)
■ Addendum	1	
■▲231-361-025	3	Attached Processor System Growth
■▲Addendum	1	
■▲231-361-026	6	Common Channel Signaling 7 — CNI (Common Network Interface) Ring Implementation Guide (AP3C and Later Generic Programs) (2-94)
■▲Addendum	1	
▲231-363-002	4	Trunk and Service Circuits-Translations — (Through 8A Generic 1AE8A) (7-92)
▲231-365-003	3	Circuit Switched Digital Capability Feature, Implementation, Acceptance and Growth
■ 231-365-005	6	Intelligent Simplex Peripheral Interface — Implementation Procedures — (1AE9 and Later Generic Programs) (11-94)
▲231-366-000	2	Auxiliary Program Library System (APLS) — (Generics 1AE5 and 1AE6)
▲231-367-001	4	Centrex-CO/ESSX-1-Translations-Basic (Through Generic 1AE8A)
▲231-367-002	4	PBX-Translations — (Through Generic 1AE8A)
▲231-367-003	3	Automatic Call Distribution — Translation (Generic 1AE and 1AE6)
▲Addendum	1	
▲231-367-004	4	Routing and Charging — Translations — (Through Generic 1AE8)
▲231-367-005	3	CTX-CO/ESSX — Translations CFG, CSR, DL, FRS, MLG, SFG — (Through Generic 1AE8A)
■ Addendum	2	
▲231-367-010	1	Enhanced 911 — (Generic 1AE6 and Later)
▲231-367-015	2	Electronic Tandem Switching (Through Generic 1AE8A)
▲231-367-020	2	Translations — Miscellaneous Procedures and Trouble-Clearing Date
■ Addendum	1	
■▲231-368-001	9	System Recovery and System Operations — File Store Office (1-93)
▲Addendum	1	
▲231-368-002	5	Systems Performance Evaluation and Acceptance Tests — Non-APS — Generic 1AE7
■ Addendum	1	
■▲231-368-011	7	System Operations and Recovery — APS Office (1AE8A and Later Generic Programs)(8-94)
▲231-368-012	2	System Performance Evaluation and Acceptance Tests — APS — Generic 1AE7
■▲231-368-015	5	Attached Processor System — Operations, Maintenance and Recovery User's Guide (AP2 and Earlier Generic Programs)
Addendum	1	
■▲231-368-016	3	Automatic Message Accounting Standard Entries/Multientry Teleprocessing System — Maintenance Procedures
■ 231-368-019	4	Common Channel Signaling 7 — CNI (Common Network Interface) Ring Description (2-94)
■▲Addendum	3	
■▲231-368-020	8	Attached Processor System — Operation, Maintenance, and Recovery User's Guide — (AP3C and Later Generic Programs) — Processor Recovery Messages (2 Vols) (2-94)

Number	Issue	Subject
■▲231-371-001	4	Traffic and Plant Measurements — Generic 1AE7 and Earlier

231-390/395 Feature Documents and User's Manuals — 1A ESS Switch

Feature Documents

Number	Issue	Subject
■ 231-390-061	3	Prefixed Access Code Translator (3-95)
231-390-063	4	Automatic Message Accounting
■ Appendix 1	12	Automatic Message Accounting (3-95)
231-390-064	3	Centrex Station Rearrangements
■ 231-390-069	7	Automatic Message Accounting Standard Entries and Multientry Teleprocessing System (11-94)
■ 231-390-082	1	1A ESS Switch — Call Waiting Deluxe Feature Document (1AE12.04 and Later Generic Programs) (3-95)
Addendum	1	
231-390-086	2	Usage Sensitive Three-Way Calling
231-390-087	1	Voice/Data Protection
■ 231-390-088	2	Cancel Call Waiting
■ 231-390-120	2	Carrier Identification Code Expansion (CICE) and Intra-LATA Toll Primary Inter-Exchange Carrier (IPIC) — Feature Document (1AE12 and Later Generic Programs) (3-95)
231-390-156	2	Carrier Trunk Conditioning Recognition
■ 231-390-170	9	Message Service System Feature Document (6-93)
Addendum	1	
231-390-175	1	City-Wide Centrex
■ Addendum	1	
■ 231-390-176	8	Simplified Message Service Interface Feature Document (6-93)
Addendum	1	
231-390-184	1	Residential Data Facility Pooling
231-390-185	2	Centrex Data Facility Pooling
231-390-190	2	Automatic Overload Controls
■ Addendum	1	
■ 231-390-207	8	Traffic Measurements Feature Document (3-95)
■ 231-390-212	2	Cellular Mobile Radio Office
■ 231-390-220	2	HILO 4-Wire Access Tandem (11-93)
■ 231-390-225	3	No. 2 Service Evaluation System (11-93)
■ 231-390-236	7	Selective Call Forwarding — Local Area Signaling Services (11-94)
■ 231-390-237	4	Distinctive Alerting — Local Area Signaling Services (3/94)
■ 231-390-238	4	Selective Call Rejection — Local Area Signaling Services (3-94)
■ 231-390-239	11	Automatic Recall/Automatic Callback — Local Area Signaling Services (3-95)
■ 231-390-241	5	Customer Originated Trace — Local Area Signaling Services (3-94)
■ 231-390-242	2	End-to-End Call Trace — Local Area Signaling Services
231-390-243	1	Bulk Calling Line Identification — Local Area Signaling Services
■ 231-390-244	7	Individual Calling Line Identification — Calling Name Delivery and Calling Party Privacy — Local Area Signaling Services (3-95)
231-390-289	1	Service Code Confirmation Timing
Addendum	1	
231-390-301	1	Centrex Electronic Key
■ Addendum	1	
■ 231-390-305	5	Network Management Feature (11-93)
■ 231-390-314	3	Operation With Engineering and Administrative Data Acquisition
■ 231-390-372	1	1A ESS Switch — Advanced Services Interface — Proxy Feature Document (1AE12.04 and later Generic Programs) (3-95)
■ 231-390-380	5	Circuit Switched Digital Capability (11-93)
Addendum	1	
231-390-381	3	Home Intercom/Single Line Variety Package
231-390-382	1	Immediate AMA Dump Capability
■ Addendum	1	
231-390-383	3	Expanded Electronic Tandem Switching Dialing Plan

Number	Issue	Subject
■ 231-390-384	3	Customer Changeable Primary Inter-LATA Carrier (11-93)
■ Addendum	2	
■ 231-390-385	2	E911 Bulk Recent Change Capability
■ 231-390-386	3	Pay Per View
231-390-388	1	Off-Network 10-Digit Screening
■ 231-390-389	4	Remote Access Call Forwarding (11-94)
■ Addendum	1	
■ 231-390-390	3	Number Group Number Recovery (2-93)
■ 231-390-391	2	Remote Access Service
231-390-394	1	Centrex to Private Branch Exchange — Automatic Number Identification
■ Addendum	1	
231-390-395	1	Multiple Directory Numbers Per Line With Distinctive Ringing
231-390-396	1	Single Line Remote Call Forwarding and Interoffice Multiple Call Forwarding
Addendum	1	
■ 231-390-405	2	Interface With Switching Control System — 2-Wire
Appendix 1	1	APS Input/Output Message Interface With SCCS
■ Addendum	1	
231-390-410	1	Incoming Trunk Service Observing
231-390-416	1	Associated Common Channel Signaling, General Description and Implementation
■ Addendum	1	
■ 231-390-500	2	Common Channel Signaling System — General Description
■ Addendum	1	
■ 231-390-502	4	Integrated Services User Part — Common Channel Signaling System 7 (8-92)
■ 231-390-508	2	Transaction Capability Application Part — Common Channel Signaling System 7 (11-94)
■ 231-390-509	4	Service Switch Point — Common Channel Signaling System 7 (11-94)
■ Addendum	1	
■ 231-390-510	3	800 Service — Common Channel Signaling System 7 (11-93)
■ 231-390-515	10	Local Area Signaling Services — Common Channel Signaling System 7 — General Description (3-95)
■ 231-390-519	3	Advanced Services Platform/Service Switching Point Feature (ASP/SSP) — Feature Document (11-94)
■ 231-390-520	3	Advanced Services Platform/Network Access Point Feature — Feature Document (11-93)
■ 231-390-521	4	Network Interconnect Common Channel Signaling System 7 (11-94)
■ 231-390-523	5	Total Separation — Selective Call Forwarding Feature — Local Area Signaling Services (11-94)
■ 231-390-525	3	Selective Call Acceptance and Computer Access Restriction — Local Area Signaling Services — Feature Document (11-94)
■ 231-390-527	1	Unidentified Call Rejection — Feature Document

User's Manuals

Addendum	2	
231-395-100	6	Centrex Station Rearrangements — User's Manual

231-4 4-Wire — 1 *ESS* Switch

231-400/449 Equipment — 4-Wire 1 ESS Switch

231-401-101	1	Switching Network — Description
231-401-105	1	Signal Distributor — Description
231-401-106	1	Central Pulse Distributor — Description
231-401-107	1	Scanners — Description
231-403-101	1	Call Processing — Description
231-403-105	1	Basic Concepts of Translations — Description
231-404-301	1	Updating Program Store Translation Information Using the Memory Card Writer
231-405-101	1	General System Maintenance
■ 231-405-302	2	Taking Equipment Out of Service Procedures
231-405-303	3	System Evaluation Procedures

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■ 231-407-301	2	Trunk Error Analysis Procedures
231-408-301	3	Ferreed Switches — Analyzing and Locating Trouble
231-408-801	2	Ferreed Switches — Repair and Replacement Procedures
231-409-301	1	Analyzing Maintenance Interrupts and Trouble Locating Procedures
231-410-301	3	Calling Line Identification
231-411-301	2	Emergency Action Procedure
231-413-301	3	System Reinitialization
231-415-501	4	Office Alarm Tests
231-416-301	3	Method of Handling Permanent Signals and Partial Dials on Lines Using the 21A Testboard
■ 231-417-301	1	Off-Line Operations
■ 231-418-301	5	Recent Change and Service Order Procedures
■ 231-419-301	1	Head Tables, Data Tables, and Subtranslators — Growth Procedures
■ 231-419-302	1	Universal Trunk Frame Growth — Recent Change Procedures
■ 231-419-305	1	Universal Teletypewriter Circuit Growth Procedures
231-420-301	3	Traffic Measurement and Recent Change Procedures
231-422-301	3	Line Load Control and Emergency Manual Transfer
■ 231-424-301	3	Method of Initiating and Interpreting Snap- Call Messages
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231-425-302	5	Manual Diagnostic Procedures for the Master Control Center
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231-430-301	3	Master Control Center — Dial Test Access — Method of Operation
231-430-701	3	Master Control Center Dial Test Access — Measurement and Adjustment of Transmission Test Trunks
■ 231-432-101	2	Office Status Display Frame (SD-2A055) — Description — 4-Wire 1 ESS Switch
231-432-301	1	Office Status Display Frame (SD-2A055) Operation and Maintenance — 4-Wire 1 ESS Switch
231-434-501	2	Multifrequency Test Environment Circuit SD-2A009 — Tests and Adjustments
231-435-501	3	Touch-Tone Transmitter Test Circuit SD- 2A024-01 — Tests and Adjustments
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231-439-501	4	2600-Hertz Dial Pulse/Wink Transmitter SD-2A038-01 — Tests and Adjustments
231-440-101	1	Teletypewriter Facility — Description
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Division 232

2/2B *ESS*™ Switches

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- **-001 Equipment Test Lists**
- **-010 General Information**
- **-060 Network Switching Engineering**
- **-070 Network Administration**
- **-090 Task Oriented Practices**
- **-099 Customer Information Releases (CIRs)**

232-1 Sections Applicable to 2, 2A, 2B, and 2C ESS™ Switches
- **-100 General System Information**
- **-190 Feature Documents — 2/2B ESS Switches**

232-2 Sections Applicable to Centrex

232-3 Sections Applicable to 2/2B ESS Switches

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232-001-010	1	Controlled Maintenance Plan
232-001-011	12	Electronic Switching Systems
232-001-012	6	2 ESS Switch
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232-001-030	1	Portable Maintenance Equipment Cords, Tools, and Spare Material
232-002-101	4	Turnover/Cutover Test Plan — Description — 2B ESS Switch
2 ESS Switch Only		
232-003-101	3	Teletypewriter Facilities — Description
232-003-301	2	Teletypewriter Operating Procedures
232-004-101	1	Change in Program Store Word — Description Using the Single Card Writer
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232-005-101	1	3A Card Writing Unit — Description
232-007-101	1	Tape Operated Memory Update System — Description
232-007-301	1	Tape Operated Memory Update System — Operating Procedures
232-007-302	1	Tape Operated Memory Update System — General Maintenance and Troubleshooting Procedures
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Common		
Addendum	1	
232-008-101	2	Administrative Data Link — Description
232-008-301	4	Administrative Data Link — Procedures
232-010 General Information		
232-010-101	3	Scanners — Description
232-019-101	4	General Growth Description
232-019-102	2	2B Processor Retrofit — Description — 2/2A ESS Switches
232-060 Network Switching Engineering		
232-060-410	4	Control Equipment—Central Processor Precutover Capacity
❶ 232-060-450	4	Control Equipment—Program Store/Main Store
232-060-460	4	Control Equipment—Call Store
232-060-810	4	Traffic Order Worksheets—Capacity Tables
❶ 232-060-840	4	Traffic Order Worksheets—Program Store/Main Store
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Number	Issue	Subject
232-060-846	3	Network Design Worksheets—Local Automatic Message Accounting — Network Design

232-090 Task Oriented Practices — 2/2B ESS Switches

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▲ 232-090-001	1	Office Acceptance Tasks — 2B ESS Switch
▲ 232-090-004	3	Tape Handling and Maintenance Center Tasks — 2B ESS Switch
▲ 232-090-005	1	Evaluation and Processor Tasks — 2B ESS Switch
▲ 232-090-006	1	Evaluation and Processor Tasks — 2 ESS Switch
▲ 232-090-007	1	Maintenance Center Tasks — 2 ESS Switch
▲ 232-090-008	1	Ferreed Network Trouble Clearing
▲ 232-090-009	1	Remreed Network Trouble Clearing
▲ 232-090-010	1	Office Alarms
▲ 232-090-011	1	Trunk Operational Tasks
▲ 232-090-012	1	Trunk Transmission Tasks
▲ 232-090-013	1	Service Circuit Tasks
▲ 232-090-016	1	Trunk Test Panel
Addendum	1	
▲ 232-090-018	3	2B Processor Retrofit Acceptance and Cutover Procedures
▲ Addendum	3	
▲ 232-090-022	4	Reassignment, Update, Cutover, and Call Trace Procedures — 2B ESS Switch
▲ 232-090-023	1	Reassignment, Update, and Line Identification Procedures — 2 ESS Switch
▲ 232-090-024	2	Service Frames
Addendum	1	
▲ 232-090-025	3	Traffic and Plant Measurements
▲ 232-090-030	1	Remote Switching System (RSS) Host Maintenance — 2B ESS Switch
▲ 232-090-031	1	Serial Peripheral Unit Controller/Data Link (SPUC/DL)
▲ 232-090-032	1	Remote Trunk Test Unit (RTTU)

232-099 Customer Information Releases (CIRs)

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232-099-001IR	3	2BE4 Generic Planning Letter, Switching Systems
232-099-006NP	1	2B ESS Switch Periodic Partial Update (PPU) Issue 1.04 for 2BE4 Generic Program, Switching Systems
232-099-007NP	1	2B ESS Switch Periodic Partial Update (PPU) Issue 1.05 for 2BE4 Generic Program, Switching Systems
232-099-008NP	1	2B ESS Switch PPU Issue 1.06 for 2BE4 Generic Program, Switching Systems
232-099-009NP	1	2B ESS Switch 2BE4 1.07 Periodic Partial Updates, Switching System
232-099-010IR	1	2B ESS Switch 2BE4 1.08 Periodic Partial Updates, Switching System
232-099-011NP	1	2B ESS Switch 2BE5 Generic Program Feature and Enhancements
232-099-022NP	1	2B ESS Switch 2BE5 Generic Program — Feature and Enhancements (8-93)

232-1 Sections Applicable to 2, 2A, 2B, and 2C *ESS*™ Switches

232-100 General System Information

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232-100-100	2	General Description — 2 ESS Switch
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232-101-101	2	Switching Network — Description — 2 ESS Switch
Addendum	2	
232-101-102	1	Remreed Switching Network — Description — 2/2B ESS Switches
232-102-101	1	Junctor, Trunk, and Service Circuit — Description — 2 ESS Switch
232-102-102	2	Applique Circuits Description — 2/2B ESS Switches
Addendum	1	
232-102-103	2	Functional Description of T1 Carrier — Direct Interface With 2/2B ESS Switches
232-103-101	6	Call Processing — Description — 2/2B ESS Switches
232-104-301	1	Analyzing Audit Printouts — 2/2B ESS Switches

Number	Issue	Subject
232-105-101	2	General System Maintenance — 2 ESS Switch
232-105-103	3	Maintenance Handbook — 2 ESS Switch
232-105-301	2	System Recovery Guideline Procedures — 2 ESS Switch
232-105-302	5	Messages and Test Circuits — 2/2B ESS Switches
232-105-303	1	Trouble Shooting Procedures for Use With Automatically Detected Errors — 2 ESS Switch
232-105-304	2	Taking Equipment Out of Service, Restoring Equipment to Service, Removing and Restoring Power — 2/2B ESS Switches
Addendum	2	
232-106-301	3	Maintenance Center Frame Control and Display Panel — Method of Operation — 2 ESS Switch
232-109-101	1	Control Complex Description — 2 ESS Switch
232-113-301	5	System Initialization Procedures — 2 ESS Switch
232-116-101	4	Permanent Signals and Partial Dials — Description of Handling — 2/2B ESS Switches
Addendum	1	
232-118-101	4	Basic Translation Data Description — EF-2 and Earlier Generic Programs — 2/2B ESS Switches
232-118-105	4	Recent Change Procedures (Central Office Changes) for All Generic Programs — 2/2B ESS Switches (8-93)
232-118-301	4	Adding a Centrex-CO Customer — Procedures — 2/2B ESS Switches
Addendum	1	
232-120-301	7	Traffic and Plant Measurements — 2/2B ESS Switches
232-121-301	2	Supplementary Central Pulse Distributor — Procedures for Removing and Restoring Power — 2/2B ESS Switches
Addendum	1	
232-121-302	2	6.7 Volt Converter — Power Removal and Restoration — 2 ESS Switch
232-122-301	5	Dynamic Service Protection — Application — 2 ESS Switch
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232-124-101	1	Office Data Administration Program — Description — 2 ESS Switch
232-126-301	1	Module Maintenance Procedure — 2A or 2C ESS Switches
232-127-101	3	Manual Translation Modification Procedure — General Description — 2/2B ESS Switches
232-127-301	3	Manual Translation Modification Procedure — Allocation of Call Store — 2/2B ESS Switches
232-127-302	4	Allocation of Program Store Memory — Manual Translation Modification Procedure — 2/2B ESS Switches
232-127-303	3	Manual Translation Modification Procedure (LO-1, EF-1, and EF-2) — Formatting Changes in Program Store — 2 ESS Switch
232-127-308	2	Allocation of New Expansion Tables — Manual Translation Modification Procedure — EF-2 and 2B-EF-2 — 2/2B ESS Switches
232-127-309	2	Allocating New Centrex Group/Changing Size (EF-2) — Manual Translation Modification Procedures — 2/2B ESS Switches
232-127-310	1	Manual Translation Modification Procedure (EF-1) — Allocating New Centrex Group/Changing Size — 2/2B ESS Switches
232-127-311	3	Flexible Station Hunt (FSH) Group — Manual Translation Modification Procedure — 2/2B ESS Switches
232-127-312	3	Allocating Multiline Hunt Group (MLHG) Manual Translation Modification Procedure — 2/2B ESS Switches
232-127-313	4	Manual Translation Modification Procedure Multiline Hunt Group (MLHG) Allocating/Changing Size (AIOD) — 2/2B ESS Switches
Addendum	1	
232-127-314	2	Adding Trunks/Service Circuits Manual Translation Modification Procedure (LO- 1 and EF-1) — 2 ESS Switch

Number	Issue	Subject
232-127-315	2	Manual Translation Modification Procedure (LO-1 and EF-1) — Allocation of New Expansion Tables — 2/2B ESS Switches
232-127-316	2	Allocating New Carrier Group Table — Manual Translation Modification Procedures — EF-1 and 2B-EF-1 — 2/2B ESS Switches
232-127-317	3	Changing the NOCBCD Table — Manual Translation Modification Procedure — 2/2B ESS Switches
Addendum	1	
232-127-318	2	Changing TOTANI Table — Manual Translation Modification Procedures (LO-1, EF-1, and 2B-EF-1) — 2/2B ESS Switches
Addendum	1	
232-127-319	2	Allocating New Simulated Facilities Group/Changing Size — Manual Translation Modification Procedures — 2/2B ESS Switches
232-127-320	2	Manual Translation Modification Procedure — Adding Noncentrex Speed Calling Translators — (LO-1, EF-1, and EF-2) — 2/2B ESS Switches
232-127-321	2	Allocating Additional ACOF Tables (EF-1 and 2B-EF-1) Manual Translation Modification Procedure — 2/2B ESS Switches
232-127-322	2	Manual Translation Modification Procedure Changing Information in the Charge Index Word — 2/2B ESS Switches
232-127-323	1	Changing Information in the Charge Index Words — Manual Translation Modification Procedure — 2BE3 Generic Program — 2B ESS Switch
232-127-324	1	Changing the OIEXP Table — Manual Translation Modification Procedure — 2/2B ESS Switches
232-127-325	1	Allocation of New Expansion Tables — Manual Translation Modification Procedure — 2BE3 Generic Program — 2B ESS Switch
232-127-326	2	Manual Translation Modification Procedure (LO-1, EF-1 and EF-2) Changing Range Extension Capability — 2/2B ESS Switches
Addendum	1	
232-127-327	3	Adding Trunks/Service Circuits — Manual Translation Modification Procedure (EF-2 and 2B-EF-2) — 2/2B ESS Switches
Addendum	1	
232-127-330	2	Allocating Additional ACOF Tables (EF-2 and 2B-EF-2) Manual Translation Modification Procedure — 2/2B ESS Switches
232-127-331	2	Allocating New Carrier Group Table (EF-2 and 2B-EF-2) — Manual Translation Modification Procedure — 2/2B ESS Switches
232-130-201	1	Telephone Set 3756A Piece-Part and Connections — Trunk Test Panel — 2/2B ESS Switches
232-130-301	5	Trunk Test Panel — Method of Operation — 2/2B ESS Switches
232-131-101	3	Description of Interoffice Trunk Testing — Permanent Busy, Operational, and Diagnostic Test — 2/2B ESS Switches
232-132-101	2	Remote Office Test Line (ROTL) — Description — 2 ESS Switch
232-132-102	1	Remote Trunk Test Unit — 2/2B ESS Switches
▲ 232-132-301	4	Remote Office Test Line (ROTL) — 2/2B ESS Switches
■ 232-160-100	2	General Software System Description — 2B ESS Switch
■ 232-162-105	2	Recent Change Processing — Software Subsystem Description — 2B ESS Switch
■ 232-162-120	2	Teletypewriter — Software Subsystem Description — 2/2B ESS Switches
■ 232-162-125	2	System Control — Software Subsystem Description — 2B ESS Switch
■ 232-162-130	3	Tape Operations — Software Subsystem Description — 2B ESS Switch
■ 232-163-130	3	Initialization and Processor Fault Recovery — Software Description — 2B ESS Switch

232-190 Feature Documents — 2/2B ESS Switches

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232-190-003	3	Glossary of Terms
■ Addendum	1	
■ 232-190-011	6	Call Routing Feature Document (8-92)
Addendum	2	
■ 232-190-012	1	General Description — Centrex-CO — 2 ESS Switch
■ 232-190-013	1	Dial Line Service Observing No. 7B Service Observing Set or No. 12 Service Observing Desk
232-190-015	5	System Features
Addendum	1	
■ 232-190-020	1	Zone 16 Service Features
■ 232-190-022	2	Intercept Treatments — Centrex and Noncentrex
232-190-023	3	Announcement Arrangements
■ Addendum	1	
232-190-024	4	Trunking Arrangements
■ 232-190-025	2	Remreed Network
■ 232-190-027	2	Direct Interface with T Carrier
■ 232-190-029	2	Autovon Interface
■ 232-190-030	3	Carrier Group Alarm and Trunk Make- Busy Key
■ 232-190-032	1	3A CC Data Link Feature
■ 232-190-034	1	Loop Range Extension
■ Addendum	1	
■ 232-190-035	3	Automatic Message Accounting Collection System (AMACS) — 2B ESS Switch
■ 232-190-036	1	Interface With No. 10A Remote Switching System (RSS)
232-190-037	2	EADAS (Engineering and Administrative Data Acquisition System) Interface — 2B ESS Switch
■ 232-190-040	1	Serial Peripheral Unit Controller/Data Link (SPUC/DL)
232-190-101	4	Charging Arrangements
■ 232-190-102	2	Auxiliary Line Circuits
Addendum	1	
232-190-105	5	Call Forwarding (Noncentrex) (8-92)
■ 232-190-106	3	Call Tracing
■ 232-190-107	4	Call Waiting and Cancel (Noncentrex)
■ 232-190-109	3	Centralized Automatic Message — Accounting and Special Toll Billing
■ 232-190-112	6	Basic Coin Service
■ 232-190-113	2	Dynamic Service Protection
■ 232-190-114	2	Emergency Line Services
■ 232-190-115	2	Unigauge Range Extension
■ 232-190-116	3	Free Terminating Lines
■ 232-190-118	2	Inward Wide Area Telecommunications Service (INWATS)
■ 232-190-121	3	Make Busy Features
■ 232-190-123	2	Message Registers
■ 232-190-124	3	Interface With MJ and MK Mobile Radiotelephone Systems, Subscriber Loop Carrier System, Loop Switching System, and 1A Line Concentrator System
■ 232-190-125	2	Multiline Hunt Group
■ 232-190-129	5	Permanent Signal and Partial Dial Treatment
■ 232-190-131	3	Dial-Tone-First Coin Service
232-190-132	4	Two-Party and Multiparty Service
■ 232-190-133	3	Series Completion — Noncentrex
■ 232-190-134	3	Sleeve Lead Function
■ Addendum	1	
232-190-136	4	Speed Calling (Noncentrex) (9-92)
■ 232-190-138	2	Threeway Calling — Noncentrex
232-190-139	2	Toll Restriction and Toll Diversion
232-190-142	3	OUTWATS (Outward Wide Area Telecommunications Service)
■ 232-190-146	2	Ringing Features
232-190-149	5	Traffic Service Position System Interface
232-190-152	2	Charge-A-Call Service
■ 232-190-153	3	Remote Call Forwarding Feature — 2B ESS Switch (12-94)
232-190-154	1	Data Base Query — 2B ESS Switch
■ 232-190-156	3	Carrier Interconnect — 2B ESS Switch
■ 232-190-201	2	Coin Station Test Line
232-190-202	2	Directory Assistance Charging
232-190-203	3	Universal Emergency Service Number 911
■ Addendum	1	
232-190-204	5	LAMA (Local Automatic Message Accounting)

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	232-190-205	3	Remote Office Test Line — Near-End and Far-End Applications
■	232-190-206	2	Open Switching Interval Protection (OSIP) and Noise Suppression
	232-190-207	3	Direct Connect Service — Noncentrex
	232-190-209	3	Automatic Message Accounting — Recording for 800 Service
■	232-190-301	5	Centrex Call Transfer Service, Add-On, and Consultation Hold
■	232-190-302	3	Attendant Camp-On and Indication of Camp-On
■	232-190-303	3	Universal Console Attendant 6-Port Conference (Centrex)
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■	232-190-305	1	Universal Console Attendant — (51A CPS)
■	232-190-307	1	Busy Verification of Station Lines — (Centrex-CO)
	Addendum	1	
■	232-190-308	1	Call Forwarding — Variable (Noncentrex) (8-92)
■	232-190-309	3	Call Forwarding — Busy Line, Call Forwarding — Don't Answer, and Station Hunting (Centrex)
■	232-190-311	3	Call Hold — Centrex
■	232-190-312	2	Call Pickup (Centrex)
■	232-190-313	2	Centrex Group Trunk Facilities
■	232-190-314	1	Code Call, Loudspeaker Paging, and Recorded Telephone Dictation
■	232-190-316	1	Direct Inward Dialing (Centrex-CO)
■	232-190-318	2	Directed Call Pickup
■	232-190-320	2	Centrex Calling Restrictions (Denied Originating, Denied Terminating, and Fully Restricted Terminating)
■	232-190-324	2	Centrex Manual Line Service
■	232-190-326	2	Night Service for Centrex-CO (Night Service, Trunk Answer Any Station)
■	232-190-331	6	Centrex Speed Calling (12-94)
	232-190-332	1	Multiline Variety Package Service — 2B ESS Switch
	232-190-333	1	Single Line Variety Package — 2B ESS Switch
	232-190-338	3	Tandem Tie Trunk Dialing (Centrex)
	232-190-339	4	Most Economical Routing (MER)
	232-190-342	3	Call Waiting (Centrex)
	232-190-343	1	Release Link Attendant Main/Satellite Operation
■	232-190-344	2	Simplified Console Attendant (50A or 50B CPS) and Centrex Station Controlled 6-Port Conference Calling
	Addendum	1	
■	232-190-345	1	Simplified Console Attendant (50A CPS, CALL DIRECTOR® Sets and Keysets)
■	232-190-346	2	Centrex Controlled Restriction (Do Not Disturb, Controlled Restriction — Outgoing and Total)
■	232-190-349	1	Operational and Busy Verification of Centrex Trunks
■	232-190-351	2	Customer Dialed Account Recording (CDAR)
■	232-190-352	1	Source Billing of Attendant Handled Calls
■	232-190-353	1	Single Digit Dialing
	232-190-354	4	Direct Outward Dialing (DOD)
	232-190-355	3	Centrex Billing Arrangements
■	232-190-356	2	Centrex Flexible Station Hunting (FSH)
■	232-190-357	1	Main-Satellite Service (EF-1 Generic Program)
■	232-190-358	1	Satellite Attendant Transfer via Tie Trunk
■	232-190-359	1	Trunk Dial Transfer — EF-2 Generic Program
■	232-190-360	1	Call Transfer — Intercentrex — EF-2 and 2B-EF-2 Generic Programs
■	232-190-361	1	Centrex Terminating Feature — Treatment Interactions
■	232-190-364	1	50B Customer Premises System (CPS)
	Addendum	1	
■	232-190-501	1	Switchboard Trunk Interface Using DC Signaling
■	232-190-502	3	Automatic Identified Outward Dialing (AIOD)
■	232-190-503	3	IDDD (International Direct Distance Dialing) (12-94)
	232-190-505	1	Home Intercom — 2B ESS Switch

Number	Issue	Subject
232-190-506	1	Multiple Directory Numbers
232-190-507	1	2B ESS Switch — Flexible

232-2 Sections Applicable to Centrex

232-202-101	1	Centrex Data Loop and Console Control — Description — 2 ESS Switch
232-202-301	1	Centrex Data Link and Attendant Console Maintenance Procedure Using Maintenance Teletypewriter — 2 ESS Switch
232-202-302	1	Centrex Console — Demand Exercise Program — Procedures — 2 ESS Switch
232-203-101	2	Automatic Identified Outward Dialing (AIOD) — Description
Addendum	1	
232-203-301	1	Automatic Identified Outward Dialing Maintenance Procedures Using Maintenance Teletypewriter
232-208-301	1	Impedance Balancing Procedures on SD- 2H182 (CENTREX Attendant Trunk Circuit) Arranged for 4-Wire to 2-Wire Conversion

232-3 Sections Applicable to 2/2B *ESS*™ Switches

232-300-100	4	General Description — 2B ESS Switch
232-303-301	4	Teletypewriter — Operating Procedures — 2B ESS Switch
232-304-101	1	Change In Program Store Word — Description — 2B ESS Switch
232-305-101	3	General System Maintenance — Description — 2B ESS Switch
232-305-103	2	Maintenance Handbook — 2B ESS Switch
232-305-301	2	System Recovery — Procedures — 2B ESS Switch
232-305-302	2	Analysis of Main Store Problems — 2B ESS Switch
Addendum	1	
232-306-301	2	Control and Display Procedures — 2B ESS Switch
232-309-101	3	2B Processor Description — 2B ESS Switch
232-309-106	1	Processor Tape Handling — Conventions and Precautions — 2B ESS Switch
232-309-108	1	2B Processor — Functional Description of Input/Output Control Circuit — 2B ESS Switch
232-309-111	1	2B Hardware and Supporting Documentation
232-313-301	3	System Initialization Procedures — 2B ESS Switch
232-313-302	2	Remote Switching System Initialization — Procedures — 2B ESS Switch
232-317-301	3	Dial Tone Delay Alarm Operation — 2/2B ESS Switches
232-318-101	2	Basic Translation — Description — 2BE3 Generic Program — ESS Switch
232-318-102	1	Basic Translation Description — 2BE4 Generic Program — 2B ESS Switch
Addendum	1	
232-324-101	1	Office Data Administration Program —Description — 2B ESS Switch
232-327-303	3	Formatting Changes in Program Store — Manual Translation Modification Procedure — 2B ESS Switch
Addendum	1	
232-327-314	2	Adding Trunks/Service Circuits — Manual Translation Modification Procedure (2B- EF-1) — 2B ESS Switch

Division 233

3 *ESS*™ Switch

233-0 3 ESS™ Switch — General Description
- **-010 General Information**
- **-099 Customer Information Release (CIR)**

233-1 3 ESS Switch (Peripheral Equipment)
- **-100 General System Information**
- **-140 Maintenance**
- **-150 Software Description**
- **-170 Growth Description**
- **-190 Feature Documents**

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233-000 3 ESS™ Switch — General Description		
233-000-000	62	Numerical Index — Division 233 — 3 ESS Switch
233-000-003	2	General Description
233-000-010	3	Interdivisional Numerical Index — Excluding Division 233
233-001 Equipment Test Lists		
233-001-011	4	3 ESS Switch
233-001-012	1	3 ESS Switch — Trunks
233-010 General Information		
233-010-010	2	Organization and Description of Bell System Practices
233-099 Customer Information Release (CIR)		
233-099-001 IR	2	Discontinued Availability for 3 ESS Switches, Switching Systems
233-1 3 ESS Switch (Peripheral Equipment)		
233-100 General System Information		
233-100-010	2	Emergency Action Procedures — Description
233-100-100	1	Processor Tape-Handling Procedures
233-101-115	2	Office Records — Description
233-110-000	2	Control Complex — Description
233-110-200	2	Control Complex — Interfaces and Theory of Operation
233-120-100	2	Switching Network — Description and Theory of Operation
233-121-100	1	Scanner Description and Theory of Operation
233-121-105	1	Peripheral Pulse Distributor and Peripheral Decoder — Description and Theory of Operation
233-121-110	1	Frame Input/Output Controller — Description and Theory of Operation
Addendum	1	
233-121-115	4	Trunk, Line, and Service Circuits — Description
233-121-116	1	Test Circuits — Description
233-121-120	2	Low Profile Combined Distributing Frame — Description
233-121-125	3	Spare Equipment Storage and Handling Procedures
233-122-100	2	Automatic Message Accounting Recording Center Data Link — Description of Theory and Operation
Addendum	1	
233-122-110	1	Dial Tone Delay Alarm Operation
233-130-100	2	Power Equipment — Description
Addendum	1	
233-135-100	1	Test Equipment — Description
233-135-105	4	Trunk and Line Test Panel and Associated Equipment — Description and Theory of Operation
233-135-110	2	ROTL (Remote Office Test Line) — Description and Theory of Operation
233-140 Maintenance		
233-140-100	2	Office Maintenance — Description
233-141-100	1	Centralized Office Maintenance — Description and Theory of Operation
▲233-142-100	3	No. 3 Electronic Switching System — Office Equipment
▲233-142-110	2	Remote Office Test Line (ROTL)

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▲233-143-100	2	System Trouble Clearing
▲233-144-100	2	151A Power Plant

233-150 Software Description

Number	Issue	Subject
■ 233-150-100	2	General Description — Software Subsystem — Description
■ 233-151-105	2	Call Processing — Software Subsystem Description
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■ 233-151-110	1	Call Trace (SO-2 Issue 4) Software Subsystem — Description
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■ 233-151-111	1	Call Trace (3E3) — Software Subsystem Description
■ 233-151-115	2	Operator Functions — Software Subsystem Description
■ 233-151-120	2	Call Charging — Software Subsystem Description
■ 233-151-125	2	Input Processing and Scanning
■ 233-151-130	2	Basic Call Processing
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■ 233-151-135	1	Custom Calling (SO-2)
■ 233-151-136	3	Custom Calling (Generic 3E3) — Software Subsystem Description
■ 233-151-140	1	Network Path Hunt — Software Subsystem — Description
■ 233-151-145	3	Digit Processing — Software Subsystem Description
■ 233-151-150	1	Translations — Software Subsystem Description
■ 233-151-155	2	Peripheral Input-Output Control — Software Subsystem Description
■ 233-151-160	1	911 Emergency Service
233-152-105	2	Recent Change Processing
■ 233-152-120	2	Teletypewriter
■ 233-152-125	2	System Control SO-2 Generic — Software Subsystem Description
■ 233-152-126	1	System Control 3E3 Generic
■ 233-152-130	2	Tape Operations — Software Subsystem Description
■ 233-152-135	2	Traffic and Plant Measurements — Software Subsystem Description
■ 233-152-140	2	Audit Programs — Software Subsystem Description
■ 233-152-145	1	Cutover
■ 233-152-150	1	Office Records
■ 233-153-105	2	Programmed Maintenance Aids — Software Subsystem Description
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■ 233-153-106	1	Network Fabric Exercise Function — Software System Description
■ 233-153-115	1	Trunk, Test, and Service Circuit Diagnostic Software Subsystem — Description
233-153-120	1	Peripheral Unit Diagnostics — Software Subsystem Description
■ 233-153-125	2	Alarm and Status Reporting Software Subsystem Description
■ 233-153-130	1	Initialization and Processor Fault Recovery — Software Subsystem Description
■ 233-153-135	1	Error Analysis and Fault Detection
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■ 233-153-140	1	Peripheral Unit Fault Recovery Software Subsystem — Description
■ 233-153-145	1	Remreed Network Fault Isolation Utilities — Software Subsystem Description
Addendum	1	
■ 233-154-130	1	Recent Change — Users Guide — Issue 4 and Earlier Generics
233-154-135	1	Recent Change Users Guide — Issue 3E3 Generic
■ 233-154-145	1	Pudal Diagnostic Language Software — Description

233-160 Growth Description

Number	Issue	Subject
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233-160-100	2	General Growth — Description

233-170 Acceptance

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■ 233-190-022	1	Intercept Arrangements
■ 233-190-023	2	Announcement Arrangements
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■ 233-190-024	1	Trunking Arrangements
■ 233-190-027	1	Direct Interface with T Carrier
■ 233-190-028	1	No-Test Access
Addendum	1	
■ 233-190-030	1	Carrier Group Alarms
■ 233-190-031	1	Local Test Desk Arrangements
■ 233-190-033	1	Autoconnect Arrangements
■ 233-190-101	2	Charging Arrangements
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■ 233-190-102	1	Noise Immunity Line Circuit
■ 233-190-105	2	Call Forwarding
■ 233-190-106	1	Call Tracing
■ 233-190-107	2	Call Waiting
■ 233-190-109	2	Centralized Automatic Message — Accounting Interface and Special Toll Billing
■ 233-190-112	3	Feature Document — Coin First Coin Service
■ 233-190-113	1	Overload Controls — Dynamic Service Protection
■ 233-190-114	1	Emergency Line Services
■ 233-190-115	1	Extended Range
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■ 233-190-123	1	Feature Document — Message Registers
■ 233-190-125	2	Multiline Hunt Group
■ 233-190-126	2	Feature Document — Multiparty Service
■ 233-190-129	2	Feature Document — Permanent Signal and Partial Dial Treatment
■ 233-190-131	2	Feature Document — Dial-Tone-First Coin
■ 233-190-133	2	Series Completion
233-190-136	2	Speed Calling
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■ 233-190-138	1	Threeway Calling
233-190-139	1	Toll Restriction and Toll Diversion
■ 233-190-142	1	Outward Wide Area Telecommunications Service (OUTWATS)
■ 233-190-146	1	Ringing Features
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■ 233-190-149	1	Traffic Service Position — System Interface
■ 233-190-151	1	Local Coin Overtime Charging — 3E3 Generic Program
■ 233-190-154	1	Direct Inward Dialing (DID)
■ 233-190-203	2	Universal Emergency Service Number 911
■ 233-190-204	1	Automatic Message Accounting Recording System (AMARS) — Feature
■ 233-190-205	1	Remote Office Test Line — Near-End and Far-End Applications
■ 233-190-503	1	International Direct Distance Dialing (IDDD)

Division 234

4ESS™ Switch

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- **-000 Indexes and Equipment Test List**
- **-010 General**
- **-020 System Operational Procedures**
- **-040 Measurements**
- **-090 Feature Documents**
- **-092 StarterLine® Installation**
- **-097 All CIRs (Customer Information Releases) Except AT&T-C**
- **-098 AT&T-C only CIRs**
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234-1 System Description, Operation, Maintenance, Retrofit, and Growth
- **-100 General System Information**
- **-101 Network Administration**
- **-103 Network Maintenance**
- **-108 CMS (Circuit Maintenance System)**
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- **-150 Terminal Equipment Maintenance**
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234-3 1B Processor
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234-0 Indexes, Equipment Test List, and General System Information		
234-000/001 Indexes and Equipment Test List		
234-000-000	53	Numerical Index — Division 234 — 4ESS™ Switch (5-95)
234-000-005	33	Interdivisional Numerical Index (10-93)
234-000-010	7	Generic Retrofit Index (11-94)
234-000-015	2	Recommended Documentation for New 4ESS Switch Offices (Composite List)
234-001-011	7	Equipment Test List
■ 234-001-011AC	2	Equipment Test Switch
234-010 General		
234-010-100	--	4 ESS Switch Translations Guide TG4 (7 Vols.)
■ 234-010-100AC	--	Proprietary Translations Guide 4 ESS Switch PTG4 (7 Vols.)
234-010-107	9	Maintenance Reference Handbook — 4E17 Generic (9-92)
234-010-120	2	Digital Synchronization — Reference Guide (5-92)
234-010-130	11	4ESS Switch — Input Reference Manual
234-010-131	8.2	4ESS/APS Input Reference Manual (11-94)
234-010-132	1.1	1B Input Reference Manual (11-94)
234-010-200	1	4ESS Switch Circuit Pack Compatibility Guide (1-95)
■ 234-010-205	1	Program Address Interpretation Guide — Description
234-010-210	6	Audit System Application Description (11-94)
234-010-215	3	Trouble Locating Procedure (LTP) Process — Description (6/94)
■✪234-010-315	9	4E18 Generic Domestic Call-Irregularity — Maintenance Reference Handbook (2 Volumes) (10-94)
■✪234-010-316	10	4E17 International Switching Center — Call-Irregularity Maintenance — Reference Handbook (11-94)

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234-015 Electronic Media		
✪234-015-100	--	Subscription for Networked Services Access To 4ESS Switch Documentation
234-020 System Operational Procedures		
234-020-001	1	Operational Review — Network Administration
■ 234-020-006AC	2	International Network Switching Performance Measurement Plan — Description — Network Switched Services
234-020-007	4	Domestic Network Switching Performance Measurement Plant (NSPMP) — Reference Guide (9-92)
Addendum	1	
234-020-010	2	Controlled Maintenance Plan
234-020-030	2	Recent Change System — Rollback, Rollforward, and Reinitialization Network Operations — Common Methods
234-040 Measurements		
■ 234-040-030AC	1	International Machine Service Report-2 — Description — Network Switched Services
■ 234-040-031AC	1	International Machine Report-2 Description — Network Switched Services
234-090 Feature Documents		
Feature Documents		
■ 234-090-001	1	Network Interconnect Phase I — Common Channeling Signaling Number 7
■ 234-090-002	1	Service Switching Point — 800
■ 234-090-003AC	1	Direct Service Dialing Enhancements
■ 234-090-004AC	1	International Services and Capabilities
234-090-005	1	Network Interconnect Phase 2 — Common Channel Signaling Number 7 — Integrated Services Digital Network — User Part
■ 234-090-005AC	1	Network Interconnect Phase 2 — Common Channel Signaling Number 7 — Integrated Services Digital Network — User Part
■ 234-090-006AC	1	Positive Call Processing/Subaccount Billing
■ 234-090-007	1	Architecture and Capacity Enhancements
■ 234-090-008AC	1	Network Routing Feature (NRF)
■ 234-090-009	1	Integrated Services Digital Network (ISDN) Phase 4
234-090-010	1	Billing Improvements
■ 234-090-011	1	Local Exchange Carrier (LEC) Feature Document
234-090-012	1	Common Channel Signaling Number 7 (CCS7) Enhancements
■ 234-090-115	2	LEC Switch Privates Services and Implementation Manual
234-090-153	1	Product Release Document — 4E15 Release 3 Generic
■ 234-090-153AC	1	Product Release Document — 4E15 Release 3 Generic
234-090-154	1	Product Release Document — 4E15 Release 4 Generic
■ 234-090-154AC	1	Product Release Document — 4E15 Release 4 Generic
234-090-161	1	Product Release Document — 4E16 Release 1 Generic
■ 234-090-161AC	1	Product Release Document — 4E16 Release 1 Generic
234-090-163	1	Product Release Document — 4E16 Release 3 Generic (6-92)
■ 234-090-163AC	1	Product Release Document — 4E16 Release 3 Generic (6-92)
234-090-164	1	Product Release Document — 4E16 Release 4 Generic (8-92)
■ 234-090-164AC	1	Product Release Document — 4E16 Release 4 Generic (8-92)
234-090-171	1	Product Release Document — 4E17 Release 1 Generic (9-92)
■ 234-090-171AC	1	Product Release Document — 4E17 Release 1 Generic (9-92)
234-090-172	1	Product Release Document — 4E17 Release 2 Generic (4-93)
■ 234-090-172AC	1	Product Release Document — 4E17 Release 2 Generic (4-93)
234-090-173	1	Product Release Document 4E17 Release 3 Generic (7-93)
■ Revision 2	9-93	
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■ 234-090-173AC	1	Product Release Document 4E17 Release 3 Generic (6-93)

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234-090-174	1	Product Release Document 4E17 Release 4 Generic (10-93)
■ 234-090-174AC	1	Product Release Document 4E17 Release 4 Generic (10-93)
234-090-181	1	Product Release Document 4E18/4E19 Release 1 Generic (12-93)
■ 234-090-181AC	1	Product Release Document 4E18/4E19 Release 1 Generic (12-93)
234-090-182	1	Product Release Document 4E18/4E19 Release 2 Generic (4-94)
■ 234-090-182AC	1	Product Release Document 4E18/4E19 Release 2 Generic (4-94)
234-090-183	1	Product Release Document 4E18/4E19 Release 3 Generic (7-94)
■ 234-090-183AC	1	Product Release Document 4E18/4E19 Release 3 Generic (7-94)
234-090-184	1	Product Release Document 4E18/4E19 Release 4 Generic (10-94)
■ 234-090-184AC	1	Product Release Document 4E18/4E19 Release 4 Generic (10-94)
234-090-201	1	Product Release Document 4E20 Release 1 Generic (12-94)
■ 234-090-201AC	1	Product Release Document 4E20 Release 1 Generic (12-94)
234-090-202	1	Product Release Document 4E20 Release 2 Generic (4-95)
■ 234-090-202AC	1	Product Release Document 4E20 Release 2 Generic (4-95)
234-090-500	5	LEC Feature Handbook

234-092 StarterLine® Service

234-092-100	1	AT&T StarterLine Service Installation Manual
234-092-105	1	AT&T RCS Programmability for 800 StarterLine Service
234-092-106	1	RCS Programmability Application UNIX* System Commands

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject

234-097 CIRs (Customer Information Releases) RBOC/ITOC Independent Telephone Operating Company

■ 234-097-004 TD	1	4E11 Generic Features — Switching Systems
■ 234-097-005 TD	1	Bell Operating Companies and Independent Telephone Companies Common Network Interface (CNI) Ring Engineering Information for 4ESS™ 4E11 Generic Applications
■ 234-097-006 NP	1	4E12 Generic Feature Descriptions, — Switching Systems
■ 234-097-007 TD	1	4E12 Generic Features, Switching Systems
■ 234-097-008 NP	1	4E13 Generic Features for BOC/IOC (Bell Operating Company/Independent Operating Company), Switching Systems
■ 234-097-009 TD	1	Generic Features for BOC/IOC (Bell Operating Company/Independent Operating Company), Switching Systems
■ 234-097-010 NP	1	4E14 Generic Features for Local Exchange Companies (LECs)
■ 234-097-011NP	1	4ESS Switch 4E15 Generic Features for BOC/IOC (Bell Operating Company/Independent Operating Company)
■ 234-097-012TD	1	4ESS Switch 4E14 Generic Features for Local Exchange Companies
■ 234-097-013 NP	2	4E16 Generic Feature for Local Exchange Companies (LECs)
■ 234-097-014TD	1	4ESS Switch 4E15 Generic Features for Local Exchange Companies (LECs)
■ 234-097-015NP	1	4ESS Switch 4E17 Generic Features for Local Exchange Companies (LECs), Switching Systems
■ 234-097-016NP	1	4ESS Switch 1B Processor Description
■ 234-097-017NP	1	4ESS Switch 4E18 Generic Features for Local Exchange Companies (LECs) (7-93)
234-097-018NP	1	4ESS Switch 4E20 Generic Features for Local Exchange Companies (LECs) (6-94)

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234-098 AT&T-C only CIRs

■	234-098-001NP	1	4E10 Generic Feature Descriptions — Network Planning
■	234-098-002TD	1	4E10 Generic Features — Technical Description
■	234-098-003 NP	1	4E10 Generic Feature Descriptions — Network Planning

234-099 General Distribution CIRs

■	234-099-013MG	1	Installation Trouble Shooting Procedures for Time Slot Interface-B Diagnostic Failures — Phases 20 and 23
■	234-099-014TD	1	4ESS Switch: Enginnering Information for the Direct Link Node Enhanced (DLNE), Switching Systems
■	234-099-018IR	1	SPARES Exchange Service for Network and Signaling Products (9-93)
■	234-099-020NP	1	4ESS Switch Warranty Support Plan Policy (6-93)

234-1 System Description, Operation, Maintenance, Retrofit, and Growth

234-100 General System Information

	234-100-000	15	General Description (11-94)
	234-100-015	4	Office Communication Facilities — Description
	234-100-021	7	Input/Output System — Description
	234-100-040	5	Office Alarm System — Description and Theory — General System Information (6-94)
	234-100-060	4	Power Distribution System — Description
	234-100-100	3	Mass Announcement System — Description and Theory
	234-100-120	6	Common Channel Signaling System — Common Network Interface (CNI) — System Description Manual (11-94)
■	234-100-120AC	6	Common Channel Signaling System — Common Network Interface (CNI) — System Description Manual (11-94)
	234-100-130	2	Service Circuit System (SCS) Description (10-94)
■	234-100-130AC	1	Service Circuit System (SCS) Description (12-94)
	234-100-200	4	AT&T 3B20D Model 1 Computer — Attached Processor System — General System Information — Application
	234-100-201	3	3B20D Model 2 and Model 3 Computer — Attached Processor System — Application
	234-100-205	5	Network Services Complex (NSCX) — Application (5-93)
	234-100-210	2	Service Circuit System (SCS) Application (10-94)
■	234-100-210AC	1	Service Circuit System (SCS) Application (12-94)

234-101/102 Network Administration

NMC (Network Management Center)

■	234-101-015	7	4ESS Switch Network Management Center Operating Guidelines Network Administration (4-95)
	234-101-020	1	Network Management Display System User Reference Manual (4E15)

MAC (Machine Administration Center)

	234-102-000	1	System Interface Devices
	234-102-010	10	CMS (Circuit Maintenance System) 1C Displays — Description
■	234-102-010 AC	2	Circuit Maintenance System — Displays
	234-102-015	2	Operating Guidelines
	234-102-016	2	Assignment Practices
	234-102-019	2	Magnetic Tape Administration
	234-102-020	1	Transition Management
	234-102-025	2	Recent Change System — Recent Changes

234-103/106 Network Maintenance

TOC (Trunk Operations Center)

	234-103-000	6	System Interface Devices
	234-103-010	11	CMS (Circuit Maintenance System) 1C Displays — Description

Number	Issue	Subject
■ Addendum AC	1	
■ 234-103-010AC	2	TOC (Trunk Operations Center) — Displays CMS and Reports (Vols. 1 and 2)
234-103-015	2	Operation Guidelines
234-103-016	6	Trunk Error Analysis, Trunk Operations Center (11-93)
234-103-017	1	Digital Facility Trunk Trouble Reporting Description
234-103-018	5	Call Irregularity Raw Data Trap
234-103-019	1	Ineffective Attempts — Definition Network Maintenance
■ 234-103-020AC	1	User Guide
234-103-100	1	System Interface Devices — Centralized Arrangement
TEC (Terminal Equipment Center)		
234-104-000	3	System Interface Devices
Addendum	1	
234-104-010	9	CMS 1C — Description
MOC (Maintenance Operations Center)		
234-105-000	2	System Interface Devices
234-105-100	1	Centralized Arrangement — System Interface Devices Description — Network Maintenance
234-105-105	2	Centralized Arrangement — Remote Work Station Operation — Network Maintenance
Switching Management Control Center		
234-106-000	1	System Interface Devices
234-106-015	1	Operating Guidelines

234-108 CMS (Circuit Maintenance System)

Number	Issue	Subject
234-108-002	6	1C — Circuit Order Interfaces Specification
■ Addendum AC	1	
■ 234-108-002AC	2	1C — Circuit Order Interface Specification Manual
234-108-010	10	1C Displays — Description — CMSMC
234-108-030	2	CMS 1B — General Description
234-108-031	2	1B — CMSMC — Operating Philosophies
234-108-040	4	CMSMC — General Description — 1C
234-108-041	7	CMSMC — Operating Philosophies — 1C
234-108-042	2	CMS — System Interface Devices — Description — 1C
234-108-043	1	Office Forms and Labels — Description
234-108-044	5	MIC (Multiple Input Command) Program — 1C
234-108-045	1	Transaction Activity Measurement Program — 1B/C
234-108-047	6	Interfacing 4ESS Switch Data Base With CMS 1C — Procedures
■ Addendum AC	1	
■ 234-108-100AC	2	Description, Administration, and Operation Philosophy
■ Addendum AC	1	
■ 234-108-102AC	2	Programming Package — MIC and GRG
234-108-105	2	1C Displays — Description — Frame Provisioning — Toll Terminal Equipment
234-108-110	2	1C Displays — Description — Facility Order Processing — Toll Terminal Equipment
234-108-111	1	1C — Facility Order Interface Specifications — Toll Terminal Equipment

234-110/120 Peripheral Equipment

Number	Issue	Subject
234-110-000	4	Processor Peripheral Interface Frame and Master Control Console — Description
234-110-001	4	Processor Peripheral Interface Frame and Master Control Console — Theory
234-110-002	2	683ABMS1-58 and 2683ABMS1-58 Telephone Sets — Description and Service
234-110-010	4	Peripheral Unit Bus System — Description (3-93)
234-110-011	2	Peripheral Unit Bus System — Theory
234-110-020	5	Network Clock Frame — Description
234-110-030	1	Time Slot Interchange Frame — J4A001A-1 and J4A001A-2 — Description
234-110-031	1	Time Slot Interchange Frame — J4A001A-1 and J4A001A-2 — Theory

Number	Issue	Subject
234-110-032	2	Time Slot Interchange Frame — J4A001B-1 — Description
234-110-033	2	Time Slot Interchange Frame J4A001B-1 — Theory
Addendum	1	
234-110-040	1	Time Multiplexed Switching Frame — J4A002A-1 and J4A002A-2 Description
Addendum	1	
234-110-041	1	Time Multiplexed Switching Frame — J4A002A-1 and J4A002A-2 Theory
234-110-042	1	Time Multiplexed Switching Frame J4A002B-1 — Description
234-110-043	1	Time Multiplexed Switching Frame J4A002B-1 — Theory
234-110-050	1	Signal Processor 1 — Description
234-110-051	2	Signal Processor 1 — Theory
Addendum	1	
234-110-052	1	Signal Processor 1 — With Combined Distributor and Scanner Matrix Frame — Description
234-110-053	3	Signal Processor 1 — With Combined Distributor and Scanner Matrix Frame — J4A003G-1, J4A003F-1 — Theory
Addendum	1	
234-110-060	1	Signal Processor 2 — J4A008A-1 — Description
234-110-061	3	Signal Processor 2 — J4A008A-1 — Theory
234-110-070	3	Common Channel Interoffice Signaling (CCIS) Terminal Group — J4A009A-1, J4A009B-1 — Description
234-110-071	3	Common Channel Interoffice Signaling (CCIS) Terminal Group — J4A009A-1, J4A009B-1 — Theory
234-110-080	4	Remote Office Test Line Frame — Description
234-110-081	3	Remote Office Test Line Frame — Theory
■ 234-110-082AC	1	Individual Per Call Control (iPCC) — Gateway System Description (11-94)
■ 234-110-083AC	1	Individual Per Call Control (iPCC) — Connectivity and Maintenance Guidelines (4-95)
234-110-086	1	4ESS Call Detail Recording Platform Software Release Description
234-110-094	3	Operational and Transmission Test Lines — Description
234-110-100	3	Multifrequency Signaling Frame J99353A-1 — Description
234-110-101	3	Multifrequency Signaling Frame J99353A-1 — Theory
234-110-102	2	Multifrequency Signaling Test Unit — Description
234-110-103	2	Multifrequency Signaling Test Unit — Theory
234-110-104	2	Common Channel Interoffice Signaling Continuity Check Transceiver Unit — J4A010AC-1 — Description and Theory
234-110-105	2	Common Channel Interoffice Signaling Continuity Check Transceiver and Loop- Around Test Unit — J4A010AE-1 — Description and Theory
234-110-110	2	Network Management Display Control Frame, Telemetry Frame, and Panels — Description
234-110-130	3	Miscellaneous Frames A, B, and C — Description and Theory
234-110-140	3	Miscellaneous Trunk Test and Support Equipment — Description
234-110-150	2	Input/Output Frame — Description and Theory
234-110-152	1	Input/Output Processor Frame J5A006C-1 — Description and Theory
Addendum	1	
234-110-154	1	Input/Output Processor Frame — J5A006D-1 — Description and Theory
234-110-160	1	Phased Announcement System — Description
■ 234-110-160AC	1	Phased Announcement System — Theory
234-110-161	1	Phased Announcement System — Theory
234-110-200	1	Peripheral Unit Control Frame J4A015A-1 — Description
234-110-201	1	Peripheral Unit Control Frame J4A015A-1 — Theory
234-110-210	3	Mass Announcement System Frame J4A015B-1 — Description and Theory

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234-110-211	2	Mass Announcement System Frame J4A015B-1 — Theory
234-111-000	1	Voiceband Interface Frame — Description
234-111-010	2	Echo Suppressor Terminal — (J69215) — Description
234-111-011	1	Echo Suppressor Terminal — Theory
234-111-020	2	Metallic Terminal Frame, Test Extender, and Auxiliary Metallic Trunk Circuits — Description
Addendum	1	
234-111-030	1	International Operator Bridged — Access Interoffice Trunk (OBAT) — Description
234-111-031	1	International Operator Bridged — Access Interoffice Trunk (OBAT) — Theory
234-112-000	2	Digroup Terminal — J68952B-1 and J68952A-1 — Description
234-112-010	5	Digital Interface (J-68960) — Description
234-112-015	3	DIF-E1 (Digital Interface) Frame — (J5X059B-2) — Description
234-113-000	1	A6 Channel Bank Unitized Terminal Equipment — Application
234-113-010	4	Analog Multiplex Terminal Equipment — LT-1 Connector — Description
234-113-012	1	LT-2 Digital Transmultiplexer — Description
234-113-020	4	D4 Channel Bank — Application
234-120-000	8	51A Test Position J1P000A and Control Area Common Equipment Frame J1P000B — Description
234-120-001	7	51A Test Position Operation — Description
234-120-010	1	53A Test Position and Position Console Interface Cabinet J1P047A — Description
234-120-011	1	53A Test Position — Operation

234-121 RMS (Remote Measurement System)

Number	Issue	Subject
■ 234-121-105	4	RMS-D2 — User Manual (AT&T-NSD Version) (5-92)
234-121-106	2	RMS-D2 — User Manual (Local Exchange Carriers Version) (5-93)
234-121-107	1	SMARTS User's Reference Manual
234-121-111	3	RMS-G1 — User Manual
234-121-112	1	Remote Measurement System — Gateway 1 (RMS-G1) — Operation, Administration and Maintenance (OA&M) Manual (11-93)
234-121-120	2	RMS-G2 — User's Manual (10-93)
234-121-122	1	RMS-G2 — Administration Manual (08-93)
234-121-130AI	1	Sentry ATTS User Manual for RMS-G1 (International) (1-94)

234-150 Terminal Equipment Maintenance

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▲234-150-001	6	Domestic Trunk Operations Center
▲234-150-002	6	Domestic 51A Test Position
▲234-150-003	1	Domestic Trunk Operations Center — RMS-D2
▲234-150-005	4	Service Circuit and Trunk Test Facilities — Remote Office Test Line Frame
▲234-150-006	4	Metallic Terminal Frame
▲234-150-010	2	Unitized Terminal Equipment — A6 Channel Bank
▲234-150-025	1	A5 Channel — Unitized Terminal Equipment
▲234-150-030	4	LT-1 Connector
▲234-150-040	2	A6B and DFSG Channel Banks — Unitized Terminal Equipment — J68957A and B Frames
▲234-150-041	2	A6B and DFSG Channel Banks — Unitized Terminal Equipment — J98629K and N Frames
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■✪235-118-240	1.00	Recent Change Procedures (5E7)
■✪235-118-241	1.00	Recent Change Reference (5E7)
■✪235-118-242	1.01	Recent Change Procedures (5E8) (7-92)
■✪235-118-243	1.01	Recent Change Reference (5E8) (7-92)
■✪235-118-244	1.00	Recent Change Procedures [5E9(1)] (8-93)
■✪235-118-245	1.00	Recent Change Reference [5E9(1)] (8-93)
■✪235-118-246	1.00	Recent Change Office Record Forms [5E9(1)] (8-93)
■✪235-118-247	1.00	5ESS-2000 Switch Recent Change Procedures 5E9(2) Software Release (8-94)
■✪235-118-248	1.00	5ESS-2000 Switch Recent Change Reference 5E9(2) Software Release (8-94)
A■ 235-118-311	1.01	Recent Change Procedures Using RMAS (5E4) (2 Vols)
A■ 235-118-400	1.00	Office Records and Data Base Query (5E4)
A■ 235-118-401	1.00	Office Records and Data Base Query (5E5)

235-120 Small Capacity Exchange Applications

Compact Digital Exchange (CDX)

■ 235-120-010	2	5ESS-2000 Switch Compact Digital Exchange (CDX) Reference Guide (5-94)

Number	Issue	Subject
■ 235-120-020	2	5ESS-2000 Switch Compact Digital Exchange (CDX) User's Guide (3-95)

Very Compact Digital Exchange (VCDX)

■ 235-120-110	1	Very Compact Digital Exchange (VCDX) Reference Guide
■ 235-120-120	1	Very Compact Digital Exchange (VCDX) User's Guide
■✇235-120-150	1.00	5ESS-2000 Switch Very Compact Digital Exchange (VCDX) Software Release Update Procedures 5E9(2) Software Release

235-145 Call Processing Manuals

■✇235-145-100	5.00	Call Processing Description

235-190 Feature Manuals

■✇235-190-101	6.00	Business and Residence Modular Features (4 Vols)(10-94)
■✇235-190-102	7.00	Business and Residence Non-Modular Features 5E7-5E9(2) Software Releases (10-94)
■✇235-190-105	5.00	Custom ISDN Feature Descriptions
Addendum	1	ISDN Capabilities and Applications (9-93)
✇235-190-106	2.00	ISDN Capabilities and Applications
■✇235-190-110	2.00	National ISDN Feature Descriptions (2 Vols) (9-93)
■✇Addendum	2.00	Local and Toll System Features (4-94)
■✇235-190-115	5.01	Local and Toll System Features (9-93)
■✇235-190-120	7.00	Common Channel Signaling Service Features 5E7 Through 5E9(2) Software Release (10-94)
■✇235-190-125	4.00	Advance Services Platform, Release 0 and 0.1A (10-94)
■✇235-190-126	2.00	Advance Services Platform, Release 0.1B (7-94)
■✇235-190-130	4.00	Local Area Signaling Services — 5E5 Through 5E9(1) Software Releases (5-93)
235-190-135	1.00	OVATION® Voice Messaging System — Site Preparation Guide for the AT&T 5ESS Switch — Central Office Installation (6-93)
235-190-136	1.00	OVATION Voice Messaging System — Translation Guide for the AT&T 5ESS Switch — Central Office Installation (6-93)
■✇235-190-300	7.00	Billing Features and Specifications 5E7-5E9(2) Software Releases (10-94)
■ 235-190-300AC	2.00	Billing Features and Specifications Network Services Division (10-91)
🄰■ 235-190-305	1.03	AMA Test Tape Descriptions and User Guide (5E5)
🄰■✇235-190-305MT	1.00	AMA Magnetic Test Tape (5E5)
🄰■ 235-190-306	1.00	AMA Test Tape Description and User Guide (5E6)
🄰■✇235-190-306MT	1.00	AMA Magnetic Test Tape (5E6)
■ 235-190-307	1.01	AMA Test Tape Description and User Guide (5E7)(3-92)
■✇235-190-307MT	1.00	AMA Magnetic Test Tape (5E7)
■ 235-190-308	1.00	AMA Test Tape Description and User Guide (5E8)(7-92)
■✇235-190-308MT	1.00	AMA Magnetic Test Tape (5E8)
■ 235-190-309	1.00	AMA Test Tape Description and User Guide [(5E9(1)](9-93)
■✇235-190-309MT	1.00	AMA Magnetic Test Tape [(5E9(1)]
■ 235-190-310	1.00	AMA Test Tape Description and User Guide 5E9(2) Software Release (9-94)
■✇235-190-310MT	1.00	AMA Magnetic Test Tape [5E9(2)]

235-2 Application

🄰■ 235-200-300	2.00	Defense Switched Network Applications

235-3 Application/Sales/Marketing

235-300 The Premier Solution

❶ 235-300-010	5	5ESS Switch Information Guide
❶ 235-300-015	2	OSPS Information Guide
235-300-025	2	Value of ISDN Support Services (1988)

Number	Issue	Subject
235-300-026	2	Digital Centrex Documentation and Training Guide (1989)
235-300-027	1	Value of ISDN OA&M (1988)
❶ 235-300-050	2	Metro-Digital Transition — Application Guide (1989)
235-300-070	2	ACD/MIS Telemarketing Services Applications Guide

235-310 Reliability

■ 235-310-100	1	5ESS Switch Ultra Reliable Network Solution (10-93)

235-350 Hardware Kits

■ 235-350-100	3	Optical Remote Module (ORM) Clock Synchronization Circuit (CSC) Conversion Manual (CC107179855) (5-94)

235-390 Feature Handbooks

■ 235-390-100	5	Global Switch Technical Description (International) (12-94)
■ Addendum	1	5E7 Product Release Document (for NSD only)
■ 235-390-200AC	1	5E7 Product Release Document (for NSD only)
■ 235-390-202AC	1	5E8 Product Release Document (for NSD only)
235-390-505	1.00	Basic Switch Features
235-390-510	3.00	Basic Voice Features (5-94)
235-390-514	1.00	Custom Integrated Services Digital Network (ISDN) Features
235-390-515	1.00	National Integrated Services Digital Network (ISDN) Features (12-92)
235-390-520	7.00	5ESS-2000 Switch Two Year Feature Planning Guide

235-4 Electronic Media

■✪235-400-100	--	5ESS Switch Documentation — CD-ROM NOTE: This item is updated monthly.
■✪235-400-102	--	UNIX* Based CD-ROM NOTE: This item is updated monthly.
■✪235-400-110	--	5ESS Switch Engineering Drawings — CD-ROM NOTE: This item is updated bi-monthly.
■✪235-410-100	--	OA&M Documents (UNIX Based Tape) NOTE: This item is updated monthly.
■✪235-410-200	--	Usage Sensitive Subscription for Networked Services Access to 5ESS Switch Documentation NOTE: This item is updated monthly.
■✪235-410-210	--	Flat Rate Subscription for Networked Services Access to 5ESS Switch Documentation NOTE: This item is updated monthly.
■✪235-410-220	--	Electronic Media Networked Service (EMNS) Access to On-Line Program Listing NOTE: This item is updated monthly.

Electronic Media Hardware

235-410-510	11/92	TOSHIBA* Microchannel CD ROM — Hardware System 2
235-410-520	11/92	ASAP System With Expansion — Hardware System 4
235-410-525	11/92	ASAP Software Upgrade-A — Hardware System 5
235-410-535	--	Globalyst 515 Standard Desktop — 33 MHz 486SX with AT&T MultiGraphics Terminal Emulator (MGTE)
235-410-540	--	Globalyst 515 Super Desktop — 50 MHz 486SX with AT&T MGTE
235-410-545	--	Globalyst 515 Standard Desktop — 33 MHz 486SX with CD-ROM
235-410-550	--	Globalyst 515 Super Desktop — 50 MHz 486SX with CD-ROM
235-410-555	--	Globalyst 515 Standard Desktop — 33 MHz 486SX with AT&T MGTE and CD-ROM
235-410-560	--	Globalyst 515 Super Desktop — 50 MHz 486SX with AT&T MGTE and CD-ROM

* UNIX is a registered trademark of Novell, Inc

* TOSHIBA is a registered trademark of Kabushiki Kaisha Toshiba.

Number	Issue	Subject
235-410-561	--	Globalyst 200 Notebook — 50 MHz 486SX with AT&T MGTE
235-410-562	--	Globalyst 200 Notebook — 50 MHz 486SX with CD-ROM
235-410-563	--	Globalyst 200 Notebook — 50 MHz 486SX with AT&T MGTE and CD-ROM
235-410-565	--	HP* Laserjet IV
235-410-566	--	NCR 6427 Dot-Matrix Printer or OKIDATA† MICROLINE† 590 24-pin Printer
235-410-570	--	TOSHIBA External CD-ROM Drive
235-410-575	--	Telebit TRAILBLAZER‡ 19.2 Kbps Internal Modem
235-410-580	--	Telebit TRAILBLAZER 19.2 Kbps External Modem
235-410-585	--	Graphics Terminal Emulator
235-410-586	--	Multi Graphics Terminal Emulator
235-410-587	--	Multi Graphics Terminal Emulator With MICROSOFT WINDOWS§
235-410-596	3/92	AT&T Portable V .32 External Modem System 28
235-410-597	--	AT&T Laptop External, Portable CD-ROM
235-410-598	8/91	XIRCOM Network Interface Hardware System 30
235-410-599	1	Desktop Disk/Graphics Card Upgrade — Hardware System 99

235-6 Software Reference Manuals

Translations Data Manuals

Number	Issue	Subject
A■ 235-600-100	2.00	Translations Data [5E2(1) and 5E2(2)] (5 Vols)
A■ 235-600-101	1.01	Translations Data (5E3) (4 Vols)
A■ 235-600-102	1.05	Translation Data (5E4) (5 Vols)
A■ 235-600-103	1.01	Translation Data (5E5) (6 Vols)
A■ 235-600-104	1.00	Translations Data (5E6)
■✇235-600-105	1.00	Translations Data (5E7)
■✇235-600-106	1.00	Translations Data (5E8) (12 Vols)
■✇235-600-107	1.00	Translations Data Manual (5E9) (8-93)
■✇235-600-108	1.00	Translations Data Manual 5E9(2) (8-94)
■ 235-600-115	13	Input Reference Guide

Population Rules Language Data Manuals

Number	Issue	Subject
■✇235-600-130	1.00	Common Network Interface Translation Data Manual (8-93)

Dynamic Data Manuals

Number	Issue	Subject
A■ 235-600-200	1.00	Dynamic Data [5E2(1) and 5E2(2)] (2 Vols)
A■ 235-600-201	1.01	Dynamic Data (5E3) (2 Vols)
A■ 235-600-203	1.00	Dynamic Data (5E4) (2 Vols)
A■ 235-600-204	1.00	Dynamic Data (5E5) (2 Vols)
A■ 235-600-205	1.00	Dynamic Data (5E6)
■✇235-600-206	1.00	Dynamic Data (5E7)
■✇235-600-207	1.00	Dynamic Data Manual (5E8) (2 Vols)
■✇235-600-208	1.00	Dynamic Data Manual [5E9(1)] (8-93)
■✇235-600-209	1.00	Dynamic Data Manual [5E9(2)] (9-94)

Domain Descriptions

Number	Issue	Subject
A■ 235-600-210	1.00	Translations and Dynamic Data Domain Description (5E5) (2 Vols)
A■ 235-600-211	1.00	Translations and Dynamic Data Domain Description (5E6)
■✇235-600-212	1.01	Translations and Dynamic Data Domain Description Manual (5E7)
■✇235-600-213	1.00	Translations and Dynamic Data Domain Description Manual (5E8)
■✇235-600-214	1.00	Translations and Dynamic Data Domain Description Manual [5E9(1)] (8-93)

Reference

Number	Issue	Subject
A■ 235-600-215	1.00	Translations and Dynamic Data Reference (5E5)

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† Registered trademarks of Oki Electric Industry Co.,Ltd. (Japan Company)

‡ Registered trademark of Telebit Corporation

§ MICROSOFT WINDOWS is a trademark of MICROSOFT Corporation.

Number	Issue	Subject
[A]■ 235-600-216	1.01	5ESS SW Translations and Dynamic Data Reference Manual (5E6)
■✇235-600-217	1.01	Translations and Dynamic Data Reference Manual (5E7)
■✇235-600-218	1.00	Translations and Dynamic Data Reference Manual (5E8)
■✇235-600-219	1.00	Translations and Dynamic Data Reference Manual [5E9(1)] (8-93)
■✇235-600-220	1.00	Translations and Dynamic Data Reference Manual [5E9(2)] (9-94)
■✇235-600-240	1.00	Translations and Dynamic Data Domain Description Manual (8-94)
[A]■ 235-600-300	12/85	ECD/SG (Equipment Configuration Data/System Generation) Data Base [5E2(1)]
[A]■ 235-600-301	1/86	ECD/SG Data Base [5E2(2)](2 Vols)
[A]■ 235-600-302	1.01	ECD/SG Data Base (5E3) (2 Vols)
[A]■ 235-600-304	1.00	ECD/SG Data Base (5E4) (3 Vols)
[A]■ 235-600-305	1.02	ECD/SG Data Base (5E5) (3 Vols)
[A]■ 235-600-306	1.00	ECD/SG Data Base Manual (5E6)
■✇235-600-307	1.01	ECD/SG Data Base Manual (5E7)
■✇235-600-308	1.01	ECD/SG Data Base Manual (5E8)
■ 235-600-309	1.01	ECD/SG Data Base Manual [5E9(1)] and [5E9(2)] (10-94)
■ 235-600-350	1.01	Population Patterns of ECD (5E8)
■✇235-600-400	7.03	Audits Manual (10-94)
■ 235-600-400J1	7.01	Audits Reference Guide Job Aid
■✇235-600-500	9.00	Asserts Manual 5E9(2) (2 Vols) (9-94)
■✇235-600-510	3.03	Software Analysis Guide (10-94)
■✇235-600-601	4.02	Processor Recovery Messages (9-93)
■✇235-600-700	13.00	Input Messages Manual
■✇235-600-750	13.00	Output Messages Manual
■✇235-600-755	1.00	Protocol Error Record Description (8-94)

Number	Issue	Subject
235-7 Supplementary Reference Manuals		
✇Addendum	2	Interface/Compatibility Guide
✇235-700-100	5.00	Interface/Compatibility Guide (6-92)
✇235-700-125	6.00	Circuit Pack Compatibility Guide (5-95)
■✇235-700-200	5.00	UNIX System Reference Manual
■ 235-700-300	2.00	Peripheral Diagnostic Language Reference Manual
235-9 Specifications — Drawings and Program Documents		
Product Specifications		
[A] 235-900-101	1.01	Technical Specification [5E2(1) and 5E2(2)] (2 Vols)
[A] 235-900-103	1.02	System Description and Product Specification (5E3) (2 Vols)
[A] Addendum	1.00	Product Specification (5E4) (8-90)
[A] 235-900-104	2.01	Product Specification (5E4)
[A] 235-900-105	2.01	Product Specification (5E5)
[A] Addendum	1.01	Product Specification (5E6) (7-90)
[A] 235-900-106	1.02	Product Specification (5E6)
✇235-900-107	1.00	Product Specification (5E7)
✇235-900-108	1.00	Product Specification (5E8)
✇235-900-109	1.00	Product Specification [5E9(1)]
■✇235-900-110	1.00	5ESS-2000 Product Specification [5E9(2)] (9-94)
Interface Specifications		
[A] 235-900-301	1.05	Integrated Services Digital Network (ISDN) Basic Rate Interface (5E4)
[A] 235-900-302	12/86	ISDN Primary Rate Interface (5E4)
✇235-900-303	8.00	ISDN Applications Processor Interface Specification 5E7 and Later Software Releases (12-94)
✇Addendum	3.00	Recent Change Operations System Interface (6-94)
■✇235-900-304	6.00	Recent Change Operations System Interface
[A] 235-900-305	2.00	Public Packed Switched Network (X.75') (5E5)
✇235-900-306	5.00	Transmission Loss Plan 5E7 Through 5E9(2) Software Releases (9-94)

	Number	Issue	Subject
	✇Addendum	1	Interface Specification to a Packet Switched Public Data Network (X.75)
	✇235-900-307	2.00	Interface Specification to a Packet Switched Public Data Network (X.75) (5E6 & 5E7)
	✇Addendum	2	IDCU TR-TSY-000303 Interface Specification
	✇235-900-308	3.01	IDCU TR-TSY-000303 Interface Specification [5E8 & 5E9(1)] (10-93)
	✇235-900-309	1.00	ISDN Remote Protocol Access Interface (5E7)
A	Addendum	1	ISDN Basic Rate Interface (5E5)
A	235-900-311	1.01	ISDN Basic Rate Interface (5E5)
A	235-900-312	1.00	ISDN Primary Rate Interface (5E5)
	✇Addendum	1	Interface Specification to a Public Packet Switched Network (X.75) (5E6 and 5E7)
	✇235-900-315	2.00	Interface Specification to a Public Packet Switched Network (X.75) (5E6 and 5E7)
	✇235-900-317	3.00	Interface Specification To a Packet-Switched Public Data Network (X.75) 5E8 and Later Software Releases (12-94)
A	Addendum	3	ISDN Basic Rate Interface (5E6) (8-93)
A	235-900-321	1.02	ISDN Basic Rate Interface (5E6)
A	235-900-322	1.01	ISDN Primary Rate Interface (5E6)
	✇235-900-325	3.00	X.75' Intranetwork Interface Specification 5E8 and Later Software Releases (12-94)
	Addendum	1	ISDN Basic Rate Interface (5E7) (8-93)
	235-900-331	1.00	ISDN Basic Rate Interface (5E7)
	Addendum	1	ISDN Primary Rate Interface (5E7 and 5E8)
	✇235-900-332	2.00	ISDN Primary Rate Interface (5E7 and 5E8)
	✇235-900-341	3.00	National ISDN Basic Rate Interface Specification 5E8 and Later Software Releases
	✇235-900-342	2.00	ISDN Primary Rate Interface Specification
	Addendum	1	Custom ISDN Basic Rate Interface Specification [5E8 and 5E9(1)] (8-93)
	235-900-343	2.00	Custom ISDN Basic Rate Interface Specification [5E8 and 5E9(1)] (2-93)

235-990 Order Codes for Functional Groups of Drawings. See 235-001-001 for a Detailed List of Drawings Included in Each Code.

Schematic Diagrams (SDs)

■	235-990-100	--	Administrative Module (AM) Miscellaneous Equipment
■	235-990-100A	--	3B21D AM Equipment
■	235-990-100B	--	3B20D AM Equipment
■	235-990-101	--	Miscellaneous Equipment for AM or Remote Switch Module (RSM)
■	235-990-102	--	RSM Application Schematic
■	235-990-103	--	Miscellaneous Equipment for Optically Remote Module (ORM)
■	235-990-104	--	Communication Module 2 (CM2)
■	235-990-105	--	Communication Module 1 (CM1)
■	235-990-106	--	Common Switch Module (SM) and Service Equipment
■	235-990-107	--	Common SM Equipment (for RSM)
■	235-990-108	--	Line Peripheral Equipment
■	235-990-109	--	Line Peripheral Equipment for Office Equipped for Integrated SLC® Carrier
■	235-990-110	--	Trunk Peripheral Equipment
■	235-990-111	--	Integrated Services Line Unit (ISLU) for Host OSPS, Host ISDN, & RSM-ISDN
■	235-990-112	--	Remote ISLU (RISLU)
■	235-990-113	--	Maintenance Equipment
■	235-990-114	--	Power Distribution
■	235-990-115	--	Power Distribution for RSM
■	235-990-116	--	5ESS Switch Equipped With 151C Power Plant
■	235-990-117	--	5ESS Switch Equipped With 2000 Power Plant 6400 Amps
■	235-990-118	--	5ESS Switch Equipped With 2000 Power Plant 400 Amps
■	235-990-119	--	LINEAGE® 2000 System 25 Amp Power Rectifier
■	235-990-120	--	LINEAGE 2000 System 50 Amp Power Rectifier

Number	Issue	Subject
■ 235-990-121	--	LINEAGE 2000 System 125 Amp Power Rectifier
■ 235-990-122	--	LINEAGE 2000 System 100 Amp Power Rectifier
■ 235-990-123	--	LINEAGE 2000 System 200 Amp Power Rectifier
■ 235-990-124	--	LINEAGE 2000 System 400 Amp Power Rectifier
■ 235-990-125	--	Floor Plan
■ 235-990-126	--	Communication Module 2 Compact (CM2C) Equipment
■ 235-990-127	--	Integrated Digital Carrier Unit (IDCU) Equipment
■ 235-990-135	--	Global Power Distribution Frame (GPDF)

Circuit Descriptions (CDs)

■ 235-990-200	--	Administrative Module (AM) Miscellaneous Equipment
■ 235-990-200A	--	3B21D AM Equipment
■ 235-990-200B	--	3B20D AM Equipment
■ 235-990-201	--	Miscellaneous Equipment Required for AM or RSM
■ 235-990-202	--	RMS Application Schematic
■ 235-990-203	--	Miscellaneous Equipment for Optically Remote Module (ORM)
■ 235-990-204	--	Communication Module 2 (CM2)
■ 235-990-205	--	Communication Module 1 (CM1)
■ 235-990-206	--	Common SM and Service Equipment
■ 235-990-207	--	Common SM Equipment (for RSM)
❑■ 235-990-208	--	Line Peripheral Equipment
■ 235-990-209	--	Line Peripheral Equipment for Office With Integrated SLC® Carrier
■ 235-990-210	--	Trunk Peripheral Equipment
■ 235-990-211	--	Integrated Services Line Unit (ISLU) for Host OSPS, Host ISDN, & RSM-ISDN
■ 235-990-212	--	Remote ISLU (RISLU)
■ 235-990-213	--	Maintenance Equipment
■ 235-990-214	--	Power Distribution
■ 235-990-216	--	5ESS Switch Equipped With 151C Power Plant
■ 235-990-217	--	5ESS Switch Equipped With 2000 Power Plant 6400 Amps
■ 235-990-218	--	5ESS Switch Equipped With 2000 Power Plant 400 Amps
■ 235-990-219	--	LINEAGE 2000 System 25 Amp Power Rectifier
■ 235-990-220	--	LINEAGE 2000 System 50 Amp Power Rectifier
■ 235-990-221	--	LINEAGE 2000 System 125 Amp Power Rectifier
■ 235-990-222	--	LINEAGE 2000 System 100 Amp Power Rectifier
■ 235-990-223	--	LINEAGE 2000 System 200 Amp Power Rectifier
■ 235-990-224	--	LINEAGE 2000 System 400 Amp Power Rectifier
■ 235-990-225	--	Floor Plan
■ 235-990-226	--	Communication Module 2 Compact (CM2C) Equipment
■ 235-990-227	--	Integrated Digital Carrier Unit (IDCU) Equipment

Circuit Pack Schematics (CPSs)

❑■ 235-990-300	--	ORM
❑■ 235-990-300M	--	ORM
❑■ 235-990-301	--	AM and Miscellaneous Equipment
❑■ 235-990-301M	--	AM and Miscellaneous Equipment
❑■ 235-990-302	--	ISLU
❑■ 235-990-302M	--	ISLU
❑■ 235-990-303	--	CM2
❑■ 235-990-303M	--	CM2
❑■ 235-990-304	--	CM1
❑■ 235-990-304M	--	CM1
❑■ 235-990-305	--	Common SM and Service Equipment
❑■ 235-990-305M	--	Common SM and Service Equipment
❑■ 235-990-306	--	Common SM for RSM
❑■ 235-990-306M	--	Common SM for RSM
❑■ 235-990-307	--	Line Peripheral Equipment
❑■ 235-990-307M	--	Line Peripheral Equipment
❑■ 235-990-308	--	Line Peripheral Equipment if Office is Equipped With Integrated SLC Carrier
❑■ 235-990-308M	--	Line Peripheral Equipment if Office is Equipped With Integrated SLC Carrier
❑■ 235-990-309	--	Trunk Peripheral Equipment
❑■ 235-990-309M	--	Trunk Peripheral Equipment

Number	Issue	Subject
❑■ 235-990-310	--	Trunk Peripheral Equipment for RSM Umbilicals
❑■ 235-990-310M	--	Trunk Peripheral Equipment for RSM Umbilicals
❑■ 235-990-311	--	Maintenance Equipment
❑■ 235-990-311M	--	Maintenance Equipment
❑■ 235-990-312M	--	IDCU [CPSM (Manufacturing CPS)]

Equipment Drawings (EDs)

■ 235-990-400	--	Administration Module (AM) Miscellaneous Equipment
■ 235-990-400A	--	3B21D AM Equipment
■ 235-990-400B	--	3B20D AM Equipment
■ 235-990-401	--	Maintenance Equipment
■ 235-990-402	--	Power Distribution
■ 235-990-403	--	Miscellaneous Equipment for RSM
■ 235-990-404	--	5ES Switch Cabling
■ 235-990-405	--	ISLU Cabling Drawings
■ 235-990-406	--	Circuit Pack Compatibility Report
■ 235-990-407	--	Integrated Digital Carrier Unit (IDCU) Cabling Drawings
■ 235-990-408	--	Line Peripheral Equipment
■ 235-990-435	--	Global Power Distribution Frame (GPDF)

J-Drawings

■ 235-990-500	--	Equipment for ORM
■ 235-990-501	--	Administrative Module (AM) Miscellaneous Equipment
■ 235-990-501A	--	3B21D AM Equipment
■ 235-990-501B	--	3B20D AM Equipment
■ 235-990-502	--	Integrated Services Line Unit (ISLU) Equipment
■ 235-990-503	--	Communication Module 2 (CM2) Equipment
■ 235-990-504	--	Communication Module 1 (CM1) Equipment
■ 235-990-505	--	Common SM and Service Equipment
■ 235-990-506	--	Common SM for RSM Office
■ 235-990-507	--	Line Peripheral Equipment
■ 235-990-508	--	Line Peripheral Equipment for Office With Integrated SLC Carrier
■ 235-990-509	--	Trunk Peripheral Equipment
■ 235-990-510	--	Maintenance Equipment
■ 235-990-511	--	151C Power Plant
■ 235-990-512	--	LINEAGE 2000 System Power 6400 Amps
■ 235-990-513	--	LINEAGE 2000 System Power 400 Amps
■ 235-990-514	--	LINEAGE 2000 System 25 amp Power Rectifier
■ 235-990-515	--	LINEAGE 2000 System 50 amp Power Rectifier
■ 235-990-516	--	LINEAGE 2000 System 125 amp Power Rectifier
■ 235-990-517	--	LINEAGE 2000 System 100 amp Power Rectifier
■ 235-990-518	--	LINEAGE 2000 System 200 amp Power Rectifier
■ 235-990-519	--	LINEAGE 2000 System 400 amp Power Rectifier
❑■ 235-990-520	--	5ESS Switch Software
■ 235-990-521	--	Communication Module 2 Compact (CM2C) Equipment
■ 235-990-522	--	Integrated Digital Carrier Unit (IDCU) Equipment
■ 235-990-535	--	Global Power Distribution Frame (GPDF)

T-Drawings

■ 235-990-600	--	151C Power Plant
■ 235-990-601	--	LINEAGE 2000 System Power 2400 Amps
■ 235-990-602	--	LINEAGE 2000 System Power Plt 400 Amps
■ 235-990-603	--	LINEAGE 2000 System 25 amp Power Rectifier
■ 235-990-604	--	LINEAGE 2000 System 50 amp Power Rectifier
■ 235-990-605	--	LINEAGE 2000 System 125 amp Power Rectifier
■ 235-990-606	--	LINEAGE 2000 System 100 amp Power Rectifier
■ 235-990-607	--	LINEAGE 2000 System 200 amp Power Rectifier
■ 235-990-608	--	LINEAGE 2000 System 400 amp Power Rectifier

Number	Issue	Subject

235-995 Program Documents

NOTE: See AT&T 235-410-220 for program listings for 5E8 and later software releases.

5E2 Software Release

Number	Issue	Subject
A■ 235-995-020	--	Program Guide, PG-5D006
A■ 235-995-021	--	Program Record, PR-5DXXXXX-YY
A■ 235-995-022	--	Program Change, PC-5DXXXXX-YY
A■ 235-995-023	--	Supplemental Program Info., PK-5DXXXXX-YY
A■ 235-995-024	--	Program Guide PG-3T007, 1B.09
A■ 235-995-025	--	Program Record, PR-3T007, 1B.09
A■ 235-995-026	--	Supplemental Program Info., PK-3T007, 1B.09

5E3 Software Release

Number	Issue	Subject
A■ 235-995-030	--	Program Guide, PG-5D007
A■ 235-995-031	--	Program Record, PR-5DXXXXX-YY
A■ 235-995-032	--	Program Change, PC-5DXXXXX-YY
A■ 235-995-033	--	Supplemental Program Info., PK-5DXXXXX-YY
A■ 235-995-034	--	Program Guide, PG-3T007, 1B.20
A■ 235-995-035	--	Program Record, PR-3T007, 1B.20
A■ 235-995-036	--	Supplemental Program Info., PK-3T007, 1B.20

5E4 Software Release

Number	Issue	Subject
A■ 235-995-040	--	Program Guide, PG-5D009
A■ 235-995-041	--	Program Record, PR-5DXXXXX-YY
A■ 235-995-042	--	Program Change, PC-5DXXXXX-YY
A■ 235-995-043	--	Supplemental Program Info., PK-5DXXXXX-YY
A 235-995-044	--	Program Guide, PG-3T007, 1B.27
A■ 235-995-045	--	Program Record, PR-3T007, 1B.27
A■ 235-995-046	--	Supplemental Program Info., PK-3T007, 1B.27

5E5 Software Release

Number	Issue	Subject
A 235-995-050	--	Program Guide, PG-5D010
A■ 235-995-051	--	Program Record, PR-5DXXXXX-YY
A■ 235-995-052	--	Program Change, PC-5DXXXXX-YY
A■ 235-995-053	--	Supplemental Program Info., PK-5DXXXXX-YY
A■ 235-995-054	--	Program Guide, PG-3T008, 6B.00
A■ 235-995-055	--	Program Record, PR-2T008, 6B.00
A■ 235-995-056	--	Supplemental Program Info., PK-3T008, 6B.00

5E6 Software Release

Number	Issue	Subject
A■ 235-995-060	--	Program Guide
A■ 235-995-061	--	Program Record, PR-5DXXXXX-YY
A■ 235-995-062	--	Program Changes
A■ 235-995-063	--	Supplemental Program Info., PK-5DXXXXX-YY
A 235-995-064	--	Program Guide, PG-3T009, 6C.00 5E6
A■ 235-995-065	--	Program Record, PR-3T009, 6C.00
A■ 235-995-066	--	Supplemental Program Info., PK-3T009, 6C.00

5E7 Software Release

Number	Issue	Subject
■ 235-995-070	--	Program Guide PG5D013
■ 235-995-071	--	Program List PR5D013
■ 235-995-073	--	Supplemental Program PK5D013
■ 235-995-074	--	Program Guide PG3T008
■ 235-995-075	--	Program Record PG3T008
■ 235-995-076	--	Supplemental Program

5E8 Software Release

Number	Issue	Subject
■ 235-995-080	--	5ESS Program Guide PG5D014
■ 235-995-081	--	5ESS Program List PR5D014
■ 235-995-083	--	5ESS Supplement Program PK5D014
■ 235-995-084	--	Program Guide PG3T008

Division 240

No. 101 Electronic Switching System

240-0 Index

240-1 Common to 101 Switch Unit and Control Unit

240-2 101 Switch Units

240-3 101 Control Unit

	Number	Issue	Subject
240-0 Index			
	240-000-000	11	Numerical Index — Division 240 — No. 101 Electronic Switching System
	240-001-011	2	Equipment Test List — No. 101 ESS™ Switch
	240-001-012	1	Equipment Test List — 1A Switch Unit
	240-001-013	1	Equipment Test List — 2A Switch Unit
	240-001-014	1	Equipment Test List — 3A and 4A Switch Units
	240-020-510	1	Controlled Maintenance Plan
	240-020-520	1	Portable Maintenance Equipment Cords, Tools, and Materials
240-1 Common to 101 Switch Unit and Control Unit			
❶	240-100-001	1	Business Services Engineering — Introduction
❶	240-100-002	1	Business Services Engineering — Satellite Operation
❶	240-100-003	1	Business Services Engineering — Service Features
❶	240-100-004	1	Business Services Engineering — Central Office Considerations
❶	240-100-005	1	Business Services Engineering — Recommended Interdepartmental procedures
❶	240-100-006	1	Business Services Engineering — Operational Guidelines
❶	240-100-007	1	Traffic Measurement Program — Business Services Traffic Engineering — Dial PBX Systems-Electronic
❶	240-100-010	1	Business Services Traffic Administration — Dial PBX Systems-Electronic
	240-100-101	4	Switching Plan and Control Principles — Description of System Operation
	240-101-101	1	200-Line — Description of System Operation
	240-101-102	2	2A — Description of System Operation
	Addendum	1	
	240-101-103	2	3A — Description of System Operation
	240-101-104	4	4A — Description of System Operation
	240-102-101	3	Data Transmission — Description of System Operation
	240-103-101	2	Digit Reception at Control Unit — Description of System Operation
	240-104-101	1	Control Unit Stores — Description of System Operation
	240-105-101	2	Data, Digit, and Sender Controls — Description of System Operation
■	240-106-101	2	Call Processor — Description of System Operation
	Addendum	2	
	240-107-101	3	Central Office and Tie Trunk Circuits — Description of System Operation
	240-108-101	3	Maintenance Circuits — Description of System Operation
■	240-109-101	2	Call Programs — Description of System Operations
	240-110-101	3	Maintenance Programs — Description of System Operations
	Addendum	1	
	240-120-110	1	Program Store — Administration
	240-125-121	3	24-Hour Maintenance Printout
	Addendum	1	
	240-125-122	1	Direct Access Direct Inward Dialing — Printout Analysis
	240-125-123	1	Analysis of Miscellaneous — Maintenance Printouts

Number	Issue	Subject
240-2 101 Switch Units		
❶ 240-200-001	1	Business Services Engineering
Addendum	1	
240-200-301	1	Attendant and Station Equipment — Switched-Loop Method of Operation
240-200-501	2	Switch Unit Periodic Maintenance Routine
240-200-502	2	Switch Unit Maintenance — Retry Printout Analysis
240-200-503	1	Trouble Locating Procedures Required When Circuit Pack Replacement Fails To Restore 2A and 3A Switch Units To Proper Operation Using 131A Test Set
240-201 1A Switch Unit		
240-201-201	2	J1H011A — Identification and Installation
240-202-201	2	J1H011A — Connections
240-204-201	2	J1H011A — Attendant Equipment 1-Type Telephone Console — Connections
240-204-202	1	J1H011A — Attendant Equipment Attendant Direct Station Selection — Installation and Connection
240-207-201	2	Miscellaneous Equipment (4-Wire Trunk Circuit, Attendant Conference or Conference Calling Circuit, 3A Code Call Unit Trunk, Paging Trunk, Recorded Telephone Dictation Trunk, DID Answering Machine Circuit, Transmission Test Line Circuit, and Additional Power Failure Station Circuits) Identification, Installation, and Connections
240-208-201	1	Service Options — Method of Providing
240-209-201	1	J1H011A — Tests and Inspections at Time of Installation
240-226-501	3	J1H011A — Manual Tests
240-226-502	1	Leakage Test of 443A (PNPN) Diodes
240-227-501	2	J1H011A — Data Receiver Circuit — Tests Using 124A Test Set SD-1H070-01
240-228-501	2	J1H011A — Data Distributor Circuit — Tests Using 124A Test Set SD-1H070-01
240-229-501	2	J1H011A — Clock Circuit — Tests Using 124A Test Set SD-1H070-01
240-230-501	2	J1H011A — Switch Store Circuit — Tests Using 124A Test Set SD-1H070-01
240-231-501	2	J1H011A — Ring-Ringback Logic Circuit — Tests Using 124A Test Set SD-1H070-01
240-232-501	2	J1H011A — Line Number Translator Circuit — Tests Using 124A Test Set SD-1H070-01
240-233-501	2	J1H011A — Attendant Number Translator Circuit — Tests Using 124A Test Set SD-1H070-01
240-234-501	2	J1H011A — Attendant Circuit — Tests Using 124A Test Set SD-1H070-01
240-235-501	2	J1H011A — Transfer and Alarms Circuit — Tests Using 124A Test Set SD-1H070-01
240-236-501	2	J1H011A — Test Line Circuit — Tests Using 124A Test Set SD-1H070-01
240-237-501	2	J1H011A — Bus Clamp and Interbus Switch Circuit — Tests Using 124A Test Set SD-1H070-01
240-238-501	2	J1H011A — Tone Generators Circuit — Tests Using 124A Test Set SD-1H070-01
240-239-501	2	J1H011A — Scanner Circuit — Tests Using 124A Test Set SD-1H070-01
240-240-501	2	J1H011A — Data Transmitter Circuit — Tests Using 124A Test Set SD-1H070-01
240-245 2A Switch Unit		
Addendum	2	
240-245-201	5	Identification, Installation, Connections, and Service Options
240-245-203	4	Connections From Switch Unit Frames to Locally Provided Distributing Frame
240-246-202	3	Attendant Equipment — Attendant Direct Station Selection — Installation and Connection
240-248-201	3	2A — Miscellaneous Equipment — Identification, Installation, and Connections

Number	Issue	Subject
240-249-201	5	Tests and Inspections at Time of Installation
240-250-301	4	General Guide to Trouble Analysis
240-250-302	2	131A Test Set
240-251-501	2	Manual Tests
240-252-501	1	Attendant Equipment — Attendant Direct Station Selection — Operation Test
240-253-501	4	Trouble Locating Procedure for Failure Cured by Grand Slam Using 131A Test Set
240-253-502	3	Trouble Locating Procedure for Failures Resulting in a Scanner Switch Using 131A Test Set
240-253-503	4	Trouble Locating Procedure for Failure Detected by Time Division Control Disable Using 131A Test Set
240-253-504	3	Trouble Locating Procedure for Failure Detected by a Bounce Test
240-253-505	3	Trouble Locating Procedure for Failure Detected by a Force Off-Hook Test
240-253-506	3	Trouble Locating Procedure for Failure Detected by a Group Translator Test Using 131A Test Set
240-253-507	3	Trouble Location Procedures for Failure Detected by an Immediate or Interrupted Ring Test
240-253-508	3	2A — Trouble Locating Procedure for Failure Detected by a Transmission Test
240-253-509	3	Trouble Locating Procedure for Failure of Attendant Circuit — Using 131A Test Set
240-253-510	2	Trouble Locating Procedure for Failures Detected During 24-Hour Maintenance Using 131A Test Set
240-253-511	3	Trouble Locating Procedure for Failure Detected by an Intergroup Switch Test Using 131A Test Set
240-253-512	3	Trouble Locating Procedure for Failure Detected by a Digit Trunk Test Using 131A Test Set

Number	Issue	Subject
240-255 3A Switch Unit		
Addendum	1	
240-255-201	5	Identification, Installation, Connections, and Service Options
240-255-202	2	Connections From Switch Unit Frames to Locally Provided Distributing Frame and for Attendant Telephone Consoles
240-255-204	1	Installation and Connection of J1H013E Frame to an Operating Switch Unit
240-256-202	3	Attendant Equipment — Attendant Direct Station Selection — Installation and Connection
240-258-201	3	Miscellaneous Equipment — Identification, Installation, and Connections
240-259-201	4	Tests and Inspections at Time of Installation
240-260-301	5	General Guide to Trouble Analysis
240-260-302	2	131A Test Set — Application for 3A Switch Unit Testing
Addendum	1	
240-261-501	3	Manual Tests
240-262-501	1	Attendant Equipment — Attendant Direct Station Selection — Operation Test
240-263-501	4	3A and 4A — Trouble Locating Procedure for Failure Cured by Grand Slam Using 131A Test Set
240-263-502	4	3A and 4A — Trouble-Locating Procedure for Failure Resulting in Scanner Switch Using 131A Test Set SD-1H119-01
240-263-504	3	3A or 4A — Trouble Locating Procedure for Failure Detected by a Bounce Test
240-263-505	3	3A and 4A — Trouble Locating Procedure for Failure Detected by Force Off-Hook Test
240-263-506	3	3A or 4A — Trouble Locating Procedure for Failure Detected by a Group Translator Test
240-263-507	4	3A and 4A — Trouble-Locating Procedure for Failure Detected by an Immediate or Interrupted Ring Test Using 131A Test Set
240-263-508	4	3A or 4A — Trouble Locating Procedure for Failure Detected by Transmission Test

Number	Issue	Subject
240-263-509	4	3A or 4A — Trouble-Locating Procedure for Failure of Attendant Circuit Using 131A Test Set
240-263-510	4	3A and 4A — Trouble-Locating Procedure for Failures Detected During 24-Hour Maintenance Using 131A Test Set
240-263-511	3	Trouble Locating Procedure for Failure Detected by an Intergroup Switch Test Using 131A Test Set
Addendum	1	
240-263-512	4	3A and 4A — Trouble Locating Procedure for Failure Detected by Digit Trunk Test — Using 131A Test Set
240-263-513	3	3A and 4A — Trouble-Locating Procedure for Failures Detected by the Synch Test Using 131A Test Set SD-1H119-01

240-265 4A Switch Unit

Number	Issue	Subject
240-265-201	3	Identification, Installation, Connections and Service Options
240-269-201	1	Tests and Inspections at Time of Installation
240-270-101	2	Audit Procedure
240-270-301	3	General Guide to Trouble Analysis
240-271-501	1	Manual Tests

240-3 101 Control Unit

Number	Issue	Subject
❶ 240-300-001	1	Business Services Engineering
240-300-301	5	Emergency Action Procedures
240-300-302	3	Night Coverage Procedure
240-313-301	1	Trunk Control Frame Cross Connections
240-314-010	1	Procedure for Preparing Form E-5130-9 — Program Store Administrative Data
240-315-301	3	Twistor Store Cards — Method of Encoding and Procedure for Verification
240-315-701	2	2-Type Card Writing Unit — Requirements and Adjusting Procedures — Piece-Part Data and Replacement Procedures
240-315-801	1	2A Card Writing Unit SD-1H063 — Piece- Part Data and Replacement Procedures
240-320-501	1	Manual Maintenance Routine
240-321-501	5	Maintenance Center On-Line Timers — Test of Redundant Circuits
240-323-501	6	Maintenance Center Lockout Relays — Test of Redundant Circuits
240-325-501	4	Maintenance Center Alarm Circuit — Test of Redundant Circuits
240-327-501	3	Maintenance Center Data Control Transfer Circuit — Test of Power Diodes
240-341-501	3	Twistor Store — Conditioning Procedure
240-342-501	1	Twistor Store Failures — Test of Readout Loop
240-343-501	2	Control Unit Clock — Manual Test
240-345-501	3	Call Store — Marginal Test
Addendum	1	
240-347-501	5	Program Store — Marginal Test
240-349-501	5	Line Information Store — Marginal Test
240-351-301	2	Control Unit — Power Failure — Alarms and Procedures
240-351-501	3	Control Unit Data Link Transfer Circuit — Test of Power Diodes
240-353-501	3	Control Unit Data Transmitter — Test of the Power Diodes
240-355-301	2	Test Point Comparator Circuit SD-1H059 — Method of Operation
240-355-501	3	Test Point Comparator Circuit SD-1H059-01 — Tests

Division 241

General Trade Switching System

241-0 Indexes and Administrative Practices

241-1 DMS-10 Exchange Switching System

Number	Issue	Subject
241-0 Indexes and Administrative Practices		
241-000-000	5	Numerical Index — Division 241 — General Trade Switching System
241-1 DMS-10 Exchange Switching System		
241-120-010	1	Manual Office Records — Completion Procedures — Network Administration — Digital Multiplex System-10*
241-120-011	1	Line and Number Administration — Overview — Network Administration — Digital Multiplex System-10
241-120-020	1	Translations — Network Administration Center Responsibilities — Network Administration — Digital Multiplex System-10
241-120-030	1	Data Modification Operations — Methods, Procedures, and Interfaces — Network Administration — Digital Multiplex System-10
241-120-040	1	Data Management — Network Administration — Digital Multiplex System-10
241-120-050	1	Service Analysis — Guidelines and Procedures — Network Administration — Digital Multiplex System-10
241-120-060	1	Machine Capacity Management — General Description — Network Administration — Digital Multiplex System-10
❶ 241-140-005	1	Network Switching Performance Measurement Plan — Description — Network Switched Services
241-140-100	1	Routine Procedures — Digital Multiplex System-10

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Division 250

Operator and Traffic Service Position Systems

250-0 Indexes, Equipment Test Lists, and Documents Common to Traffic Service Systems
- **-000 Indexes**
- **-001 Equipment Test Lists**
- **-020/030 Documents Common to Traffic Service Systems**

250-1 Traffic Service Position System No. 1
- **-100/127 Miscellaneous Features**
- **-131 Station Signaling and Announcement Subsystem**
- **-132 Common Channel Interoffice Signaling**
- **-142 Remote Trunk Arrangement and Position Subsystem No. 2 Features**
- **-145 Remote Trunk Arrangement Feature**
- **-146 Position Subsystem No. 2 Feature — 100C Traffic Service Position Section and Associated Equipment**
- **-190 Miscellaneous Features**

250-2 Traffic Service Position System No. 1B

250-4 Automatic Intercept System

250-5 OSPS (Operator Services Position System)
- **-500 General and Administrative**
- **-505 Installation, Growth/Degrowth, and Maintenance Procedures**
- **-518 Recent Change (from the OAP)**
- **-520 Operator's Guides**
- **-570 Administration**
- **-590 Features**

250-6 OSPS Automated Operator Services
- **-600 Automated Position**

250-8 OSPS Training Documents
- **-800 Training Documents**

250-9 Interface Specifications and Tests
- **-900 OSPS Interface Specifications**
- **-901/922 Miscellaneous Equipment Tests**

Number	Issue	Subject
250-0 Indexes, Equipment Test Lists, and Documents Common to Traffic Service Systems		
250-000 Indexes		
250-000-000	86	Numerical Index — Division 250 — Traffic Service Systems (5-95)
250-000-005	1	Interdivisional Numeric Index — No. 1/1B
250-001 Equipment Test Lists		
250-001-015	6	Automatic Intercept System — Operator Services
250-020/030 Documents Common to Traffic Service Systems		
250-020-005	4	Network Performance Measurement Plan — Network Switched Services — Description
250-020-006	1	Network Performance Measurement Plan — Network Switched Services — Integrity Review
250-020-515	1	Software Reliability and Administration Magnetic Tapes — Network Switched Services
250-020-520	1	Portable Maintenance Equipment — Cords, Tools, and Material
250-020-521	1	Portable Maintenance Equipment — Cords, Tools, and Material — Automatic Intercept System
250-030-101	1	File Access Subsystem-1 (SD-1B264-01) — Description
250-030-102	1	File Access Subsystem — Administrative Data Link and Interface — Description
250-030-103	3	No. 2 Data Base Administration System (SD-1B307-01) (DBAS-2) — Description
Addendum	1	
250-030-301	1	Automatic Intercept Center (AIC) Data Link — No. 1 Data Base Administration System (SD-1B264-01) (DBAS-1) — Description, Diagnostic and Trouble Locating

Number	Issue	Subject
Addendum	1	
250-030-302	1	Automatic Intercept Center (AIC) Data Link — DBAS-2 — Description, Diagnostics and Trouble Locating
250-030-303	1	DBAS-2 Generic 2F1 — Emergency Action Procedures
250-030-304	1	File Access Subsystem-2 (SD-1B307-01) (FAS-2) Generic 2F1 — System Initialization and Acceptance Procedures
250-030-305	1	FAS-2 Generic 2F1 — Operating Procedures
250-030-306	1	DBAS-2 Generic 2F1 — Operating Procedures — RT02 Clerk Work Station
250-030-307	1	DBAS-2 Generic 2F1 — Cathode-Ray Tube (CRT) Terminal — Operating Procedures
250-030-313	1	DBAS-2 Generic 2DB3.1 — Emergency Action Procedures
250-030-314	1	DBAS-2 Generic 2DB3.1 — System Initializations and Acceptance Procedures
250-030-315	1	DBAS-2 Generic 2DB3.1 — Control Programs — Operating Procedures
250-030-316	1	DBAS-2 Generic 2DB3.1 — Clerk Input Programs — Operating Procedures
250-030-317	1	DBAS-2 Generic 2DB3.1 — Administrative Programs — Operating Procedures
250-030-318	1	DBAS-2 — Peripheral Equipment — Operating Procedures
250-030-319	1	DBAS-2 Generic 2DB3.1 — Automatic Intercept System Update Program — Operating Procedures
250-030-320	1	DBAS-2 Generic 2DB3.1 — System Control (ROOT) Programs — Operating Procedures
250-030-323	1	DBAS-2 Generic 2DB3.2 — Emergency Action Procedures
250-030-324	1	DBAS-2 Generic 2DB3.2 — System Initialization and Acceptance Procedures

Number	Issue	Subject
250-1 Traffic Service Position System No. 1		
250-4 Automatic Intercept System		
250-400-005	1	Network Performance Measurement Plan — Description
250-400-101	3	Automatic Intercept Center No. 1A — Description
Addendum	1	
250-401-101	4	Centralized Intercept Bureau No. 1A — Description
250-402-501	1	Trunk Transmission Tests From an Automatic Intercept Center No. 1A
250-402-502	3	Trunk and Position Transmission Tests — Auxiliary Service Positions 3A, 3B Centralized Intercept Bureau
250-402-503	1	Trunk and Position Transmission Tests — Auxiliary Service Positions 3A, 3B Centralized Intercept Bureau Arranged With Unified Telephone Circuit
250-403-101	1	Trunk Test Circuit — Description
250-404-101	2	File Subsystem-1 (SD-1B171) — Automatic Intercept Center No. 1A — Description
■ 250-404-102	1	File Subsystem No. 2 — Automatic Intercept Center No. 1A — Description
250-404-301	2	Procedures for Administering the Number Storage Files From Facilities Provided at an Automatic Intercept Center No. 1A
Addendum	3	
250-404-303	1	File Subsystem No. 2 — Automatic Intercept Center No. 1A — Diagnostic and Maintenance Procedures
250-405-301	4	Automatic Intercept Center No. 1A — General Maintenance Procedures
250-406-301	3	Automatic Intercept Center No. 1A — Procedures for Administering the Nongeneric Parameters
250-407-301	3	Maintenance and Administration Center — Control and Display Panels SD-2H009- 01 — Automatic Intercept Center No. 1A — Method of Operation
250-408-101	3	Teletypewriter Facility — Automatic Intercept Center No. 1A — Description

Number	Issue	Subject
250-408-301	2	Automatic Intercept Center No. 1A — Teletypewriter Operating Procedures
250-409-101	3	Control Complex Description — Automatic Intercept Center No. 1A
250-410-101	1	KS-19725 Announcement System (SD- 1B174-01) — Automatic Intercept Center No. 1A — Description
250-410-501	3	KS-19725 Announcement System —Transmission Test and Adjustment — Automatic Intercept Center No. 1A
250-410-701	3	KS-19728 Reproducer — Requirements and Adjusting Procedures
250-410-801	2	KS-19728 Reproducer — Piece-Part Data and Replacement Procedures
250-411-301	1	Procedure for Recording on the Special Announcement Circuit SD-95283
Addendum	2	
250-412-301	2	Emergency Action Procedures — Automatic Intercept Center No. 1A
Addendum	1	
250-413-701	1	KS-20512 Disc File — Requirements and Adjusting Procedures
250-413-801	1	KS-20512 Disc File — Piece-Part Data and Replacement Procedures
250-413-802	2	KS-20512 Disc File — Removal and Installation Procedures
Addendum	1	
250-414-301	4	Procedures for Removal and Restoral of Equipment
Addendum	2	
250-415-501	3	Office Alarm Tests
250-416-101	2	Trunk Switching Network — Description — Automatic Intercept Center — No. 1A
250-417-101	2	Master Scanner — Description — Automatic Intercept Center No. 1A
250-418-501	2	Trunk and Position Transmission Tests — Auxiliary Service Position 4A Without Unified Telephone Circuit Operator Number Identification
250-418-502	1	Trunk and Position Transmission Tests — Auxiliary Service Position 4A Operator Number Identification Arranged With Unified Telephone Circuit
250-419-501	1	Data Link Circuit and Lamp Signal Cabinet — Test Procedures
250-420-101	3	Call Processing — Description
250-421-501	3	Acceptance Tests and Periodic Evaluation Procedures — Automatic Intercept Center No. 1/Centralized Intercept Bureau
Addendum	1	
250-422-301	3	Automatic Intercept Center No. 1A — Broadcast Warning Message Updates to Program Store Using the 2-Type Card Writer
250-422-501	1	Program Store Margin Tests
250-422-801	1	Program Store Memory Module Removal and Replacement Procedure
250-423-501	2	Call Store SD-2H005 Margin Tests — No. 1A
250-423-801	1	Call Store Module Removal and Replacement Procedure
250-425-501	1	Procedures for Conversion of Home Automatic Intercept Center to Remote Automatic Intercept Center
250-426-501	1	Auxiliary Service Position — 3A, 3B Operational Tests — Centralized Intercept Bureau
250-427-501	1	Auxiliary Service Position 4A — Operator Number Identification — Position Diagnostic and Maintenance Procedures
250-429-701	1	2-Type Card Writing Unit — Requirements and Adjusting Procedures — Automatic Intercept Center No. 1A — Piece-Part Data and Replacement Procedures
250-430-501	3	Common Systems Recorded Announcement Frame — Transmission Output Level Adjustment — Automatic Intercept Center No. 1A

Number	Issue	Subject
250-5 OSPS (Operator Services Position System)		
250-500 General And Administrative		
Description		
✇250-500-100	6.01	General Description — 5E8 Software Release IV
250-505 Growth/Degrowth, and Maintenance Procedures		
250-505-100	2.01	Description and Procedures 5E4 (2 Vols)
✇250-505-110	1.01	Maintenance and Growth 5E5
✇250-505-111	2.00	Maintenance and Growth 5E6
250-505-112	2.00	Operator Maintenance and Growth 5E7 Software Release
250-506 Installation Procedures		
Growth		
■ 250-506-001	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OAP-2 Growth Procedures (3-95)
■ 250-506-002	1	5ESS Switch and 5ESS-2000 Switch OSPS Installation AABS-AP / VRCP Cluster Growth Procedures for CSG (3-95)
■ 250-506-003	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation APS Unit Growth Procedures for CSG (3-95)
■ 250-506-004	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation APS Unit Growth Procedures (3-95)
■ 250-506-005	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Cluster Growth Procedures (3-95)
■ 250-506-006	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation DASC Growth Procedures (4-95)
■ 250-506-007	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OTR Processor Interface Growth Procedures (4-95)
■ 250-506-008	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OTR Growth Procedures (4-95)
■ 250-506-009	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Security Terminal and Printer Growth (4-95)
■ 250-506-010	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation RTRS Growth Procedures (4-95)
■ 250-506-011	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation HOBIS Growth Procedures (4-95)
■ 250-506-012	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation HOBICV Printer Growth Procedures (4-95)
■ 250-506-013	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Autoquote Datalinks and Printers Growth Procedures (4-95)
■ 250-506-014	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Automated Multi-Leaf Bulletin (AMLB) Growth Procedures (4-95)
■ 250-506-015	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation BST Growth Procedures (4-95)
■ 250-506-016	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation VDT Growth Procedures (4-95)
■ 250-506-017	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OAP Growth Procedures (4-95)
■ 250-506-018	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation AP Cluster Growth Procedures (4-95)
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■ 250-506-101	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OAP-2 Degrowth Procedures (4-95)
■ 250-506-103	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation APS Unit Degrowth Procedures (4-95)
■ 250-506-104	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation MDCS Degrowth Procedures (VRCP Only) (4-95)
■ 250-506-105	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation CST Degrowth Procedures (4-95)
■ 250-506-106	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation DASC Degrowth Procedures (4-95)

Number	Issue	Subject
■ 250-506-107	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OTR Processor Interface Degrowth Procedures (4-95)
■ 250-506-108	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OTR Printer Degrowth Procedures (4-95)
■ 250-506-109	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Security Terminal and Printer Degrowth Procedures (4-95)
■ 250-506-110	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation RTRS Degrowth Procedures (4-95)
■ 250-506-111	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation HOBIS Degrowth Procedures (4-95)
■ 250-506-112	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation HOBIC Degrowth Procedures (4-95)
■ 250-506-113	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Autoquote Degrowth Procedures (4-95)
■ 250-506-114	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation Automated Multi-Leaf Bulletin Degrowth Procedures (4-95)
■ 250-506-115	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation BST Degrowth Procedures (4-95)
■ 250-506-116	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation VDT Degrowth Procedures (4-95)
■ 250-506-117	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OAP Degrowth Procedures (4-95)
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■ 250-506-200	1.00	5ESS Switch and 5ESS-2000 Switch OSPS Installation OAP Test Procedures (4-95)
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■ 250-506-300	8-94	5ESS Switch and 5ESS-2000 Switch OSPS Installation Data Link Troubleshooting Procedures (4-95)

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✇250-518-100	1.01	Recent Change 5E5
✇250-518-111	2.00	Recent Change 5E6
✇250-518-112	2.01	OSPS 5E7 Software Release (6-92)
✇250-518-113	2.00	OSPS Recent Change 5E8 Software Release (7-92)
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✇250-520-100	4.00	Directory Assistance Operator's Guide (4-92)
■✇250-520-105	6.00	Toll and Assistance Video Display Terminal Description and Operation (6-94)
✇250-520-110	4.00	Combined Services Terminal Description and Operation (6-94)
✇250-520-112	1.01	Operator Services Position System
250-570 Administration		
✇250-570-100	1.02	Administrative Guidelines 5E5
✇250-570-111	1.03	Administrative Guidelines 5E6
■ 250-570-112	1.00	OSPS 5E7 Release — Administrative Guidelines
250-570-113	1.00	OSPS 5E8 Software Release Administrative Guide (7-92)
250-570-113J1	1.00	OSPS 5E8 Software Release Administrative Processor Error Messages — Job Aid (7-92)
250-570-114	2.00	5ESS Switch OSPS 5E9 Software Release Administrative Guidelines (8-94)
250-570-114J1	2.00	5ESS-2000 Switch OSPS Administrative Processor 5E9(2) Software Release Error Messages
250-570-114J2	2.00	5ESS Switch OSPS Administrative Processor 5E9 Software Release Maintenance and Growth Procedures (8-94)
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250-590-000	1.00	Operator Services Position System Features (5-92)
■ 250-590-027	1.00	OSPS Originating Line Screening Expansion

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250-590-031	1.00	Automated Sequence Dialing Following Operator Release Special Feature 98-5E-0427 (4-92) OSPS Improved Automated Position Call Selection — Special Feature 98-5E-0430 (4-92)
■ 250-590-034	1.00	OSPS Mechanical Usage Data OAP
■ 250-590-035	1.00	OSPS Mechanical Usage Data OAP
250-590-036	1.00	Operator Services Position System — Interworking with SSP 800 (98-5E-0446) — Feature Description (8-93)
250-590-048	1.00	More Efficiency Call Handling Zip Tone Special Feature 98-5E-2034 (7-92)
250-590-049	1.00	Origination Line Screening Customized Market Announcements (98-5E-2036) Feature Description (5-92)
250-590-050	1.00	Independent Company Announcement Branding Special Feature 98-5E-2-037 (7-92)
250-590-107	1.00	Operator Services Position System — 5E7 Software Release — Features (1-92)
Appendix 1	1.00	5ESS® SW Appendix's A, B, and C OPSP 5E7 Software Release Features
250-590-108	1.00	Operator Services Position System — 5E8 Software Release — Features (7-92)
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250-590-220	1.00	Operator Services Position System — Feature Group B Carrier Expansion (98-5E-0379)— Feature Description (5-92)
250-590-221	1.00	OSPS Inward Validation Identification (98-5E0404) Feature Description (5-92)
250-590-222	1.00	OSPS Customer Defined Bill Segmentation Sequence Dialing (98-5E-0407) Feature Description (5-92)
250-590-223	1.00	OSPS ICCV-Customer Defined Bill Segmentation (98-5E-0402) Feature Description (5-92)
250-590-224	1.00	Operator Services Position System — Terminating Code Screening, Release 3 (98-5E-0405) — Feature Description (5-92)
250-590-225	1.00	OSPS 900 Services (98-5E-0397) Feature Description (5-92)
250-590-226	1.00	OSPS Differentiation of Card Service Charges (98-5E-0399) Feature Description (5-92)
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■✇250-590-301	1.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — Enhanced AMA for Listing Services (98-5E-2209) — Feature Description (5-94)
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■✇250-590-303	1.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — Prepaid Overtime Coin Service (98-5E-2368) — Feature Description (5-94)
■✇250-590-304	1.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — Locality by ANI/Double Announcement (98-5E-2068) Feature Description (8-94)
■✇250-590-305	1.00	5ESS Switch and 5ESS-2000 Switch Operator Services Position System — LIDB Recognition of PSDI (98-5E-2090) Feature Description (8-94)
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■ 250-600-201	1.01	Operator Services Position System — Automated Position — Administration, Reporting, Recent Change, and Software Maintenance (11-94)
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250-600-203	1.02	Operator Services Position System — Automated Position — Error Messages (11-94)
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250-902-501	1	Operator Position Control Circuit SD- 27988-01 — Operator Telephone Set and Jack Circuit — SD-1B131-01 (5B2 or 5C2 Auxiliary Service Positions) — Tests Using Test Circuit SD-28039-01 — No. 5 Crossbar System for Automatic Call Distribution
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250-902-503	1	No. 5 Crossbar Automatic Call Distribution Phase II — Auxiliary Service Position No. 5B2 or 5C2 — Transmission Tests
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Division 252

Traffic Management Systems

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	252-112-501	5	Traffic Data Converter SD-95968-01 — Tests — Using Traffic Data Converter Test Set SD-99313-01 (J94734) — Traffic Data Recording System No. 1A
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	252-120-301	2	No. 3B Traffic Usage Recorder Circuit — Method of Locating Trouble
	252-120-501	3	3B Traffic Usage Recorder SD-99359-01 — Miscellaneous Tests
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252-121-501	1	No. 1 Portable Traffic Usage Recorder — SD-96494-01 — Miscellaneous Tests
❶ 252-122-105	1	4A Traffic Usage Recorder — General Description
252-122-301	2	Traffic Usage Recorder SD-95738-01 — Cross-Connection and Assignment Data Forms
252-122-302	1	4A Traffic Usage Recorder Circuit — Method of Locating Trouble
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252-122-502	4	No. 4A Traffic Usage Recorder (TUR) SD- 95738-01 and Auxiliary Scanner Unit (Fast Scan Unit) — Continuity Checks, Verification of Assignments, and Checks of Cross-Connections
252-122-503	5	No. 4A Traffic Usage Recorder (TUR) SD- 95738-01 — Performance Tests
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252-124-301	2	TUR Connection Verifier Test Set H-400- 430 — Method of Operation
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252-126-301	1	Measurement of Trunk Usage Using Traffic Measuring Set, Type "A" — RS-14719
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252-131-502	2	Answering Time Recorder — Relay Rack Type — SD-96001-01, SD-96100-01, and SD-96235-01 — Test
252-131-503	2	Answering Time Recorder — SD-96235- 01, SD-96192-01, or SD-96001-01 — Portable or Relay Rack Type — Tests
252-131-504	2	Answering Time Recorder — SD-96176-01 or SD-96011-01 Used with Multi-Line Service Observing Circuits — Tests
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252-132-301	2	No. 1B SD-90264-01 and No. 1C SD- 96114-01 — Holding Time Recorders — Operating Methods
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252-136-501	1	Auxiliary Summing Circuit — Tests
252-137-301	3	Switchboard Totalizer Interface Circuit SD- 3B209-01 — Method of Setting Timers
252-138-501	2	Totalizer Peg Count and Optional Individual Position Peg Count Circuits — Tests From No. 1-, 3-, and 5-Type Cord Switchboards
252-139-101	1	Current to Peg Count Converter Unit — Description and Installation
252-140-101	2	Common Systems for 405-Type Data Set — SD-1C451-01 — Description
252-140-501	1	Interface Circuit for Use Between 405- Type Data Sets and Message Registers in Remote Register Operation SD-1C451- 01 — Verification Procedures
252-174-101	1	Remotely Accessible Data (READ) Terminal — No. 1A SD-3B214-01 — Description
252-174-501	2	Remotely Accessible Data Terminal (READ) SD-3B214-01 — Local Tests and Trouble Locating Procedures
252-175-101	1	Force Administration Data System (FADS) When Used With No. 23-Type Operating Room Desk — General Description
252-175-501	2	Force Administration Data System (FADS) When Used With the No. 23-Type Operating Room Desks — Tests
252-176-101	2	Force Administration Data System (FADS) Used With No. 5 Crossbar Office — Arranged for Automatic Call Distribution (ACD) — Description
252-176-501	1	Force Administration Data System (FADS) — Used With No. 5 Crossbar — Automatic Call Distributor — Tests
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TDMS for Domestic

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TDMS for Teleway - Japan

Number	Issue	Subject
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■ 252-178-202	1	TDMS Designer Guide
■ 252-178-203	1	TDMS Adninistration
■ 252-178-204	1	TDMS Error Help Messages

TDMS for Taiwan

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■ 252-178-211	1	TDMS Network Administrator's Guide (Taiwan)
■ 252-178-212	1	TDMS Designer Guide (Taiwan)
■ 252-178-213	1	TDMS Adninistration (Taiwan)
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252-2 Service Observing

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252-201-502	3	Service Observing Circuit for Observing on AMA DDD Outgoing Traffic in No. 1 ESS™ Office — Tests — No. 12 or Modified No. 7 Service Observing Desk
252-202-501	3	Service Observing Circuit for Observing on Traffic in No. 5 Crossbar Office Arranged for Automatic Call Distribution — Tests — No. 12 or Modified No. 7 Service Observing Desk
252-202-502	1	Circuit SD-26186-01 Used in No. 5 Crossbar Offices — Tests — No. 7 Modified or No. 12 Service Observing Desk

Number	Issue	Subject
252-202-503	1	AMA and CAMA Service Observing Circuits for No. 5 Crossbar Offices — Transmission Tests — No. 12 or Modified No. 7 Service Observing Desk
Addendum	1	
252-203-503	1	CAMA Service Observing Circuits in Crossbar Tandem Offices — Transmission Tests — No. 12 and Modified No. 7 Service Observing Desks
252-203-504	1	Service Observing Circuit for Crossbar Tandem CAMA Incoming Trunks and Associated Pulse Monitor and Converter Circuits — Tests — No. 7 or 12 Service Observing Desks
252-203-505	1	Service Observing Circuit for Incoming Trunks to Traffic Service Position No. 100A and Associated Pulse Converter Circuit — Tests — Crossbar Tandem Offices — No. 12 or Modified No. 7 Service Observing Desks
252-203-506	1	Service Observing Circuit for Incoming Trunks to Traffic Service Position No. 100A — Crossbar Tandem Offices — Transmission Tests — No. 7 Modified or No. 12 Observing Desks
Addendum	1	
252-205-502	1	CAMA Service Observing Circuits for Step- by-Step Offices — Transmission Tests — No. 12 or Modified No. 7 Service Observing Desk
252-206-501	1	Service Observing Circuit SD-26186-01 for Observing on Line Link Pulsing Line Circuits — No. 1 Crossbar Offices — Tests — No. 7 Modified or No. 12 Service Observing Desk
252-210-501	4	Traffic Service Position System No. 1 — Tests — No. 12 or Modified No. 7 Service Observing Desks
252-211-501	2	Service Observing Circuit Tests for Automatic Intercept Center No. 1A — Automatic Intercept System — No. 12 or Modified No. 7 Service Observing Desk
252-221-501	2	Position, Telephone, and Receiving Circuits — Tests — No. 12 or Modified No. 7 Service Observing Desk
252-221-502	3	Position Circuit — Transmission Tests — No. 12 and Modified No. 7 Observing Desks
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252-224-501	1	Cord Service Observing Circuit and Associated DC-MF Pulse Converter and DC Signal Monitoring Circuits for Positions Arranged for Keypulsing Tests — No. 12 or Modified No. 7 Service Observing Desks
252-224-502	1	Cord Service Observing Circuits and Associated Dial to MF Pulse Converters — Dial Pulse Monitoring — and DC Signal Monitoring Circuits for Positions Arranged for Dialing — Tests — No. 12 or Modified No. 7 Service Observing Desks
252-224-503	1	Cord Service Observing Circuits — No. 1 and 3 Toll Switchboards and No. 13, 14, and 15 DSA Switchboards — Transmission Tests — No. 12 and Modified No. 7 Service Observing Desks
252-224-504	1	Service Observing Circuit for Cord Circuits of No. 6A Teletypewriter Switchboard — Tests — No. 12 or Modified No. 7 Service Observing Desk
252-225-501	3	Distribution and Signal Receiving Circuit and Position Signal Translation Circuit — Tests — No. 7 Modified or No. 12 Service Observing Desk
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252-226-501	1	KS-19717 Tape Printer and Printer and Control Circuit — Tests — No. 7 Modified or No. 12 Service Observing Desk
252-230-301	4	Service Observing Sets No. 7A and 7B — Connections and Operation
252-231-501	1	Position Circuit — Teletypewriter Auxiliary Desk Tests
252-232-301	2	Special Studies Set No. 1A — Connection and Operation

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▲252-240-500	1	Service Evaluation System No. 1A — Overall System
252-241-101	4	Service Evaluation Center — Description — Service Evaluation System No. 1A
252-241-102	2	Service Evaluation Center — Call Distributor Circuit — Description — Service Evaluation System No. 1A
252-241-103	2	Service Evaluation Center — Data and Maintenance Circuit — Description — Service Evaluation System No. 1A
252-241-105	2	Trouble Identification Guide — Service Evaluation System No. 1A
▲252-241-500	2	Service Evaluation Center/Bureau — Service Evaluation System No. 1A — (Generic 1ASE4 and Earlier)
252-242-101	2	Signal Converter and Allotter — Description — Service Evaluation System No. 1A
252-242-102	1	Signal Converter/Allotter — Test Set — Description — Service Evaluation System No. 1A
▲252-242-500	2	Signal Converter/Allotter (SC/A) — Service Evaluation System No. 1A
▲252-242-550	1	Service Evaluation System No. 1A — Signal Converter/Allotter (SC/A) to Service Evaluation Center Interface
▲252-243-500	1	Service Evaluation System No. 1A — Traffic Service Position System to Service — Evaluation Center Interface
▲252-243-550	1	Service Evaluation System No. 1A — Automatic Intercept System to Service — Evaluation Center Interface
▲252-244-500	1	Service Evaluation System No. 1A — No. 4 Electronic Switching System to Service Evaluation Center Interface
252-245-501	1	Service Observing Circuit SD-27012-01 Used for Incoming Intertoll Observing in Crossbar Tandem Office — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-502	2	Circuit SD-68401-01 Used for Incoming Intertoll Observing in No. 4A and 4M Switching Systems — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-503	1	Service Observing Circuit SD-95604-01 Used for Incoming Intertoll Observing in No. 5 Crossbar Office — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-504	1	Service Observing Circuit SD-95604-01 Used for Incoming Intertoll Observing in Step-by-Step Office — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-511	2	Circuit SD-95563-01 for Observing Speed- of-Answer on Incoming Calls to Toll Switchboards, DSA Switchboards, Operating Room Desks, and Information Desks — Signal Converter/Allotter Interface Tests — Service Evaluation System No. 1A
252-245-521	2	Cord Service Observing Circuits SD-56225- 01 and SD-56316-01 for No. 3, 3C, and 3CL Toll Switchboards with Positions Arranged for Keypulsing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-522	1	Cord Service Observing Circuits SD-56254- 01 and SD-56298-01 for No. 1 Toll Switchboards With Positions Arranged for Keypulsing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-523	1	Cord Service Observing Circuit SD-95564- 01 for No. 13 and No. 15 DSA Switchboards With Positions Arranged for Keypulsing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A

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252-245-524	1	Cord Service Observing Circuit SD-56296- 01 for No. 1 Toll Switchboards With Positions Arranged for Dialing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-525	1	Cord Service Observing Circuit SD-56295- 01 for No. 3, 3C, and 3CL Toll Switchboards With Positions Arranged for Dialing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-526	1	Cord Service Observing Circuit SD-95605- 01 for No. 13 and No. 15 DSA Switchboards With Positions Arranged for Dial Pulsing — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-531	1	Circuit SD-90647-01 Used in No. 5 Crossbar Offices — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-532	1	Service Observing Circuit SD-90647-01 Used in Step-by-Step Offices — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-534	1	Circuit SD-90647-01 Used in No. 1 Crossbar Offices — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1 A
252-245-536	1	Circuit SD-96553-01 Used in No. 2 Electronic Switching System Offices — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-537	1	Circuit SD-1A142-01 Used in No. 1 Electronic Switching System Offices — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-541	1	Service Observing Circuit SD-3B008-01 Used in No. 5 Crossbar Offices — Arranged for Automatic Call Distribution — Signal Converter/Allotter Interface — Tests — Service Evaluation System No. 1A
252-245-551	2	Circuit — Service Evaluation Control and Interface Circuit SD-3B025-01 and Service Observing Gate and Signal Transmitter Circuit SD-3B003-01 — Traffic Service Position System No. 1 — Tests — Service Evaluation System No. 1A
252-245-552	2	Circuit — Service Evaluation Control and Interface Circuit SD-3B025-01 and Service Observing Gate and Signal Transmitter Circuit SD-3B003-01 — Automatic Intercept System No. 1A — Tests — Service Evaluation System No. 1A
252-246-501	1	Service Observing Circuit SD-90647-01 — Used in No. 5 Crossbar Offices — Test and Alignment Procedures
252-246-502	1	Service Observing Circuit SD-90647-01 — Used in Step-by-Step Offices — Test and Alignment Procedures
252-246-503	1	Service Observing Circuit SD-90647-01 — Used in No. 1 Crossbar Offices — Test and Alignment Procedures
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252-246-504	1	Service Observing Circuit SD-1A142-01 — Used in No. 1 Electronic Switching System Offices — Test and Alignment Procedures
252-246-505	2	Service Observing Circuit SD-96553-01 Used in No. 2 Electronic Switching System Offices — Tests and Alignment Procedures
252-246-506	1	Service Observing Circuit SD-56316-01 — Used in Cord Switchboard Offices — Test and Alignment Procedures

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252-246-507	1	Service Observing Circuit SD-68401-01 — Used for Incoming Intertoll Observing in No. 4A and 4M Toll Switching System Offices — Test and Assignment Procedures
252-246-508	1	Service Observing Circuit SD-95604-01 — Used for Incoming Intertoll Observing in No. 5 Crossbar Intertoll Switching System Offices — Test and Alignment Procedures
252-246-509	1	Service Observing Circuit SD-95563-01 — Used for Observing Speed-of-Answer on Incoming Calls to Toll Switchboards, DSA Switchboards, Operating Room Desks, and Information Desks — Test and Alignment Procedures
252-246-510	1	Service Observing Circuit SD-3B008-01 — Used for Observing Incoming Calls to No. 5 Crossbar ACD Offices — Test and Alignment Procedures
252-246-511	1	Service Observing Circuit SD-27012-01 — Used for Incoming Intertoll Observing in Crossbar Tandem Offices — Test and Alignment Procedures
▲252-247-500	1	Service Evaluation System No. 1A — Mecca Terminal to Service — Evaluation Center Interface
▲252-248-500	1	Service Evaluation Center Interface — Service Evaluation System No. 1A (Generic 1ASE4)

Division 254

Stored Program Control

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254-1 Stored Program Control No. 1A (ETS and TSPS No. 1)

254-2 1A Processor (1A ESS™ and 4ESS™ Switches)
- **-200 Description, Reference Handbook, and Program Applications**
- **-201 1A Processor (Equipment)**
- **-251 Task Oriented Practices**
- **-280 Software Description**

254-3 3A Processor and 3B20D Computers
- **-300 3A Processor (Common Systems)**
- **-301 3B20D Computer (Model 1)**
- **-302 3B20D Computer (Models 2 and 3)**
- **-340 3A Processor Software Documentation**
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254-4 PC Image Director

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■ 254-001-011AC	2	1A Processor
254-001-012	4	AT&T 3B20D Model 1 Computer
■ 254-001-012AC	2	AT&T 3B20D Model 1 Computer
254-001-013	3	AT&T 3B20D Model 2 Computer
■ 254-001-013AC	2	AT&T 3B20D Model 2 Computer
254-001-014	2	AT&T 3B20D Model 3 Computer
■ 254-001-014AC	1	AT&T 3B20D Model 3 Computer
254-099 Customer Information Releases (CIRs)		
254-099-003MG	1	TOP (Task Oriented Practice) Instruction for "Powering Down" the AT&T Computer (Processor) — Switching Systems
254-1 Stored Program Control No. 1A (ETS and TSPS No. 1)		
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254-101-101	3	Piggyback Twistor Store — Description
254-101-102	2	Piggyback Twistor Memory — Description
254-101-103	2	Semiconductor IGFET Store — Description
Addendum	2	
254-101-301	4	PBT Store Trouble-Locating Procedure
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254-101-501	3	PBT Store Circuit — Test Using Store Test Set SD-1C281-01
254-101-801	1	Activation of Store Unit Spare Bit Wire Pairs
254-102-101	2	Central Pulse Distributor — Description
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■ 254-106-301	7	Central and Display Panel — Method of Operation
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254-107-302	3	Procedures for Analysis of Program Tape Unit SD-1C108-01
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254-107-501	3	Program Tape Unit SD-1C108-01 — Equipped With KS-19829 Recorder — Test Using Recorder Control Test Set SD-1C277-01
■ 254-108-101	2	Program Organization Description

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■ 254-110-301	4	Off-Line Operation
Addendum	1	
254-112-101	4	Communication Bus Circuit — Description
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■ 254-113-301	3	Standby Store Bus-Freeze Feature — Method of Operation and Procedures
■ 254-114-301	2	Processor Emergency Recovery Circuit — Method of Operation Including Self-Test and G-Level Matcher Procedures

254-2 1A Processor (1A ESS™ and 4ESS™ Switches)

254-200 Description, Reference Handbook, and Program Applications

254-200-001	9	General Description
■ 254-200-100	9	4AP<12> — Maintenance Reference Handbook — Attached Processor System (APS) — 4ESS Switch Application (3 Vols.) (1-94)
254-200-205	3	Diagnostic Program Applications — Description
254-200-210	4	Generic Utility Program Applications — Description
Addendum	1	
254-200-215	1	Error Analysis Program and Error Analysis Library Program Applications — Description

254-201 1A Processor (Equipment)

254-201-000	3	Auxiliary Data System — Description
254-201-001	2	Auxiliary Data System — Theory
254-201-002	4	Attached Processor Interface Frame J5A012A-1 — Description
254-201-003	1	Attach Processor Interface Frame J5A012A-1 — Theory
254-201-012	1	Call Store/Program Store (1400 NSEC Semiconductor Store) J5A008A — Description
254-201-013	1	Call Store/Program Store (1400 NSEC Semiconductor Store) J5A008A — Theory
254-201-014	3	Call Store/Program Store — (256K Semiconductor Store) J5A010A — Description
254-201-015	1	Call Store/Program Store (256K Semiconductor Store) J5A010A — Theory
254-201-020	2	File Store Frame (J5A004) and Stand Alone Disk Cart — Description
▲254-201-021	2	File Store Frame (J5A004) and Stand Alone Disk Cart — Theory
▲254-201-022	3	J5A006D-1 Input/Output Processor Frame — 1A Processor
254-201-030	5	Central Control Frame J5A005A/B — Description
254-201-031	3	Central Control Frame J5A005A/B — Theory
254-201-034	2	Portable Recovery Test Set J5A011 — Description
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254-201-040	2	Input/Output Frame — Description
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254-201-043	1	IO Processor Frame — J5A006C-1 — Theory
■ Addendum	1	
254-201-044	3	Input/Output Processor Frame J5A006D-1 — Description
■ Addendum	1	
254-201-045	3	Input/Output Processor Frame J5A006D-1 — Theory 1A Processor
254-201-060	4	Processor Peripheral Interface Frame and Control and Display Panels — Description
254-201-070	2	Power Conversion and Distribution Frame — J5A007B-1
254-201-071	2	Power Conversion and Distribution Frame — J5A007B-1
254-201-072	2	Power Conversion and Distribution Frame J5A007C-1 — Description
254-201-073	1	Cost Reduced Power Conversion and Distribution Frame — Theory

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▲254-251-003	2	1A Processor — TTY Message Analysis
▲254-251-005	7	1A Processor Call Store/Program Store (9-93)
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▲254-251-010	6	Auxiliary Data System 1A Processor
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▲254-251-015	5	1A Processor File Store
▲254-251-016	3	Attached Processor Interface Frame — 1A Processor
▲254-251-020	6	Input/Output Frame — 1A Processor — J5A006A-1
▲▲254-251-021	2	Input/Output Processor Frame — 1A Processor — J5A006C-1
▲254-251-022	3	Input/Output Processor Frame — J5A006D-1
▲254-251-025	4	Power Conversion and Distribution Frame — J5A007B-1
▲254-251-026	1	Power Conversion and Distribution Frame — 1A Processor — J5A007C
▲254-251-100	1	Portable Recovery Test Set — 1A Processor
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■ 254-280-010	2	Datapool Documents
■ 254-280-020	2	Assembly Language
■ 254-280-030	3	Program Listing
■ 254-280-040	4	Diagnostic Language — DL-1 — Software Description
■ 254-280-102	1	Write Protect Programs
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■ 254-280-110	1	File Store Administration Program
■ 254-280-111	5	Input/Output Programs
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■ 254-280-112	1	Auxiliary Data System Operational Programs
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Addendum	2	
■ 254-280-210	2	Maintenance Control Program
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■ 254-280-220	3	Diagnostic Programs
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■ 254-280-230	1	Diagnostic Results Post-Processing Program
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■ 254-280-250	2	Generic Utility Program (GULP)
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■ 254-280-260	1	Audit Programs
■ 254-280-270	4	System Update Program
■ 254-280-310	5	Fault Recovery Programs
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■ 254-280-320	1	Error Analysis Program
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254-300-120	1	Central Control (3A CC) — Theory of Operation
254-300-130	1	Input/Output Interfaces — Description and Theory of Operation
254-300-140	1	Power System — Description and Theory of Operation
254-300-150	1	Main and Supplemental Stores — Description and Theory of Operation
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254-300-170	1	Tape Data Controller — Description and Theory

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254-300-190	1	Teletypewriter and Teletypewriter Controller — Description and Theory of Operation
254-300-200	1	Programmed Magnetic Tape System — Description and Theory of Operation
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254-300-301	1	Maintenance Data

254-301 3B20D Computer (Model 1)

254-301-005	4	General Description
254-301-010	3	Central Control — Description and Theory of Operation
254-301-020	5	Power Systems — Description and Theory of Operation
254-301-100	4	Input/Output Interfaces — Description and Theory of Operation
254-301-105	2	Input/Output Processor — Description and Theory of Operation
254-301-110	5	AT&T 3B20D Model 1 Computer — Input/Output Processor Peripheral Controllers — Description and Theory of Operation of Operation
254-301-115	4	Teletypewriter/Printer System — Description
254-301-200	4	Main Store — Description and Theory of Operation
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▲254-301-812	2	Control Unit Trouble Clearing
254-301-813	1	Peripheral Equipment — Trouble Clearing
254-301-816	3	Common Systems — Growth and Retrofit
254-301-821	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance
■ 254-301-821AC	1	CDC 300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance
254-301-822	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance
■ 254-301-822AC	1	CDS 300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance
254-301-825	1	DMERT Generic 2 to UNIX

254-302 3B20D Computers (Models 2 and 3)

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254-302-020	5	Power Systems — Description and Theory of Operation
254-302-100	3	Input/Output Interfaces — Description and Theory of Operation
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■ 254-302-105	1	Input-Output Processor — Description and Theory of Operation
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254-302-110	2	Input/Output Processor Peripheral Controllers — Description and Theory of Operation
254-302-115	5	Teletypewriter/Printer System — Description
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254-302-211	1	160-Megabyte Disk Drive — General Description — Model 2
254-302-212	2	340-Megabyte Disk Drive — General Description
254-302-213	3	General Description — Small Computer System Interface Disk Unit Package
■ 254-302-215	4	Disk File Controller — Description and Theory of Operation
254-302-216	2	Description and Theory of Operation — Small Computer System Interface — Disk File Controller
254-302-220	1	Magnetic Tape System — General Description
254-302-221	1	Magnetic Tape System KS-23113 — General Description
254-302-800	2	Emergency Action Facilities — Description
254-302-809	1	Acceptance Test Plan — Description
254-302-810	1	Test Equipment — Description
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254-302-821	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance — Model 2
■ 254-302-821AC	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance — 3B20D Model 2 Processor
254-302-822	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance — Model 2
■ 254-302-822AC	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance — 3B20D Model 2 Processor
254-302-823	1	300-Megabyte Moving Head Disk Drive — KS-22707, L1 — Preventive Maintenance — Model 2
■ 254-302-823AC	1	300-Megabyte Moving Head Disk Drive — KS-22707, L1 — Preventive Maintenance — 3B20D Model 2 Processor
254-302-824	1	300-Megabyte Moving Head Disk Drive — KS-22707, L2 — Preventive Maintenance — Model 2
■ 254-302-824AC	1	300-Megabyte Moving Head Disk Drive — KS-22707, L2 — Preventive Maintenance — 3B20D Model 2 Processor
254-302-825	1	DMERT Generic 2 to UNIX RTR Release 1 — Retrofit Procedures
254-302-826	1	Retrofitting UNIX RTR Rel. 1 to Rel. 6.4
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▲254-302-831	7	AT&T 3B20D Model 2 and Model 3 Computer — Common Systems — Routine Tasks (PDS Formats) (1-94)
▲Revision 4	6/94	
▲254-302-832	1	AT&T 3B20 Model 2 and Model 3 Computer — Common Systems — Trouble Clearing — (PDS Formats) (4ESS)
254-302-837	5	Common Systems — Growth and Retrofit
▲Addendum	2	
▲254-302-840	4	Common Systems — Acceptance Tasks (MML Formats)
▲ 254-302-841	7	AT&T 3B20D Model 2 and Model 3 Computer — Common Systems — Routine Tasks (MML Formats) (4-93)
▲Revision 4	6/94	
▲254-302-842	1	AT&T 3B20D Model 2 and Model 3 Computer — Common Systems — Trouble Clearing (MML Formats) (5ESS)

254-340 3A Processor Software Documentation

■ 254-340-001	1	Extended Operating System (EOS) — Overview — Description — Extended Operating System Memory Protection and Organization — Description — Extended Operating System
■ 254-340-030	2	Processor/Process Management — Creation, Event, and Communication Control, Description — Extended Operating System
■ 254-340-031	2	Processor/Process Management — Interrupt Handling and Timer Management — Description — Extended Operating System

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■ 254-340-052	1	Device Handlers — Description — Extended Operating System
■ 254-340-054	1	Terminal Administration — Description — Extended Operating System
■ 254-340-062	1	File System — Description — Extended Operating System Data Base Organization — Description — Extended Operating System
■ 254-340-080	1	Maintenance Overview — Description — Extended Operating System
■ 254-340-082	2	System Utilities — Description — Extended Operating System
■ 254-340-084	1	Resident Maintenance — Description — Extended Operating System
■ 254-340-086	3	Initialization and Recovery — Extended Operating System
■ 254-340-088	2	Processor Diagnostics — Extended Operating System
■ 254-340-090	2	Peripheral Diagnostics — Description — Extended Operating System
■ 254-340-100	1	Introduction to 3A Language
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■ 254-340-102	2	Basic and Extended Instruction Set
■ 254-340-104	1	Program Listing Organization and Usage — Common Systems Description
■ 254-340-106	1	Extended Operating System — Macros and Glossary

254-341 3B20D Computer Software Documentation

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■ 254-341-110	3	Kernel and Basic Services — Description
254-341-114	4	Field Operations Tools — Description
■ 254-341-115	3	Generic Access Package (GRASP) — Description
■ 254-341-116	1	Plant Measurement System — Description
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254-341-120	3	Interface and Integrity Facility — DMERT/UNIX RTR Operating System
254-341-200	6	Maintenance and Fault Recovery — Software Subsystem Description
254-341-210	3	Data Base Management System — Software Subsystem Description
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■ 254-341-211	1	Low Level Access/Software Demand Paging Systems — Description
■ 254-341-220	3	System Diagnostic — Description
254-341-230	4	Craft Interface — Description
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254-341-236	2	Audit Facilities — Description — UNIX RTR Operating System
■ 254-341-240	2	DMERT Operating System Field Update Facilities — Description
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254-4 PC Image Director

254-450-110	1	Integrated Graphics Package — Service Manual
254-475-105	2	AT&T Personal Computer 6300 — Service Manual

Division 255

Processor Controlled and Ancillary Systems*DATAKIT*® 10A Remote Switching, Packet Switching, And Database Systems

255-0 Indexes, Equipment Test List, No. 10A RSS (NO. 10A Remote Switching System), and 1PSS (AT&T WESTERN ELECTRIC® 1 Packet Switching System)

-000 Indexes

-001 Equipment Test List — 1PSS

-063 1PSS — Administration and Engineering

-090 Feature Documents

-099 Customer Information Releases (CIRs)

255-1 Packet Switches

-100 General Support

-102 Common Equipment Network Access Control System

-110 DATAKIT® II, Release 1

-111 DATAKIT II, Release 2

-112 StarKeeperPg

-113 DATAKIT II VCS Release 3

-114 StarKeeper® II NMS

-115 DATAKIT II VCS Release 4

-170 LCS 200

-179 GlobeView™-2000

-180 BNS-1000

-181 BNS-2000 Release 1.0

-182 BNS-2000 Release 1.1

-183 BNS-2000 Release 1.2

-184 BNS-2000 Release 2.0

-190 BNS-1000 Release 2.0

255-2 No. 10A RSS

255-3 1PSS (1 Packet Switching System) — Engineering, Operation, Maintenance, and Features

-301 Workstations

255-5 Data Base Systems

255-6 Network Management Systems

-605 NETPARTNER®

Number	Issue	Subject

255-0 Indexes, Equipment Test List, No. 10A RSS (No. 10A Remote Switching System), and 1PSS (AT&T WESTERN ELECTRIC® 1 Packet Switching System)

255-000 Indexes

255-000-000	71	Numerical Index — Division 255 — Processor Controlled and Ancillary Systems (5-95)
255-000-030	1	Interdivisional Numerical Index — 1 Packet Switching System

255-001 Equipment Test List — 1PSS

255-001-030	1	Maintenance Schedules

255-063 1PSS — Administration and Engineering

255-063-010	1	Engineering Guidelines and Equipment Order Preparation
255-063-012	1	Routing Guidelines
255-063-013	2	Traffic and Resource Usage Measurements — Description

255-090/093 Feature Documents

No. 10A RSS

■ 255-092-010	2	System Features

1PSS

255-093-010	1	Description
255-093-500	2	Model 1 and Model 2 Remote Packet Modules — Description and Operation

255-099 Customer Information Releases (CIRs)

255-099-028TD	1	AT&T Voice Data Multiplexer, Operations Systems
255-099-039IR	2	Spares Exchange Service for DATAKIT® II VCS Family of Products
255-099-040TD	1	DATAKIT VCS and SARTS PC to PC Certification — Operations Systems
255-099-041TD	1	DATAKIT VCS and SARTS PC to RTS Certification — Operations Systems
255-099-042TD	1	Switched Access Remote Test System (SARTS) Process Controller (PC) Backup by Means of DATAKIT Virtual Circuit Switch (VCS), Operations System

Number	Issue	Subject
255-099-044MR	1	Problem With Model O45C VDMs, Operations Systems
255-099-045IR	2	Spares Exchange Service For LAN Communications System (LCS) Family of Products (10-93)

255-1 Packet Switches

255-100 General Support

Data Networking Products

Number	Issue	Subject
■ 255-100-010	1	Support Service Guide
255-100-020	1	NOTE: Contains 255-100-021, -022, and -025
255-100-021	8	Data Networking Product Ordering Guide (2 Volumes) Vol. 1 Overguide — Vol. 2 Order Worksheets (1-95)
255-100-022	7	Data Network Products — Quick Reference Guide
255-100-025	3	Data Networking Product Cabling Guide

Data Networking Products Supporting DATAKIT II VCS Rel. 4.0 and BNS-1000 Rel. 2.0

Number	Issue	Subject
255-100-201	3	Data Networking Products Terminology
255-100-202	1	ISN Concentrator Reference
255-100-203	1	Synchronous/Asynchronous Multiplexer Reference
255-100-204	1	Computer Port Module Reference
255-100-205	2	Frame Relay Module Reference
255-100-206	1	LAN Protocol Routing Module Reference
255-100-207	1	Multispeed Module Reference
255-100-208	1	Synchronous Data Link Control Module Reference
255-100-209	1	Session Maintenance Guide
255-100-210	4	Messages Reference
255-100-211	1	Special Modules Reference
255-100-212	1	Sync8 Modules Reference
255-100-213	1	Trunk Modules Reference
255-100-214	1	Transparent Synchronus Module Reference
255-100-215	1	Products TY Module Reference
255-100-216	1	Products X.25 Module Reference
255-100-217	1	Products X.75 Module Reference
255-100-228	1	Multipurpose Concentrator Reference
255-100-230	1	Data Networking Products Planning Guide (4-95)
255-100-231	1	Data Networking Products Series M2 Trunk Module Reference (4-95)

255-102 Common Equipment Network Access Control System

Number	Issue	Subject
255-102-101	1	Network Access Control System — Installation, Operation and Maintenance Guide
255-102-102	1	Network Access Control System — System Administration Guide
255-102-103	1	Network Access Control System — Installation, Operation and Maintenance Guide Release 5.0
255-102-104	1	Network Access Control System — System Administration Guide Release 5.0
255-102-200	1	Data Bus Monitor User Manual

255-110 DATAKIT II VCS Release 1

Number	Issue	Subject
255-110-001	2	Introduction
255-110-003	1	Feature
Addendum	1	
255-110-100	2	Installation Guide
255-110-101	2	Maintenance Guide
255-110-102	2	Host Interface
255-110-104	2	SAM-8 (Synchronous Asynchronous Multiplexer) - Installation Guide
255-110-105	1	Host Interface for AT&T 6386 Workstation
Addendum	2	
255-110-106	2	Network Interface - Installation and Administration Manual
255-110-109	1	Host Interface for SUN Workstation
255-110-114	3	Network Interface Applications — Service Manual
255-110-115	1	Multiplexed Host Interface for 386/486 Computers

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Number	Issue	Subject
■ 255-110-118	2	SMDS (Switched Multimegabit Data Service) Access Unit 1.5 Service Manual
255-110-119	2	SMDS (Switched Multimegabit Data Service) Access Unit 1.5 Installation and Administration Guide
255-110-123	1	COMMKIT Host Interface Release 3.3 STAR SERVER™ FT Installation and Administration Guide
255-110-124	2	COMMKIT Host Interface for NCR Series 3000 Computers — Installation and Administration Guide
255-110-125	2	COMMKIT Host Interface Release 4.4 V1 AT&T 3B2 Computer System Installation and Administration Guide
255-110-127	1	COMMKIT Host Interface Release 4.4 Version 1 3B2 RISC Computer Systems — Installation and Administration Guide
255-110-140	1	SAM-64 (Synchronous Asynchronous Multiplexer) User Manual
Addendum	1	
255-110-141	2	DATAKIT II SAM 16 User Manual
255-110-200	2	Commands Reference Guide
255-110-201	2	Messages Reference Guide
255-110-202	2	DATAKIT II R1 Master Index
255-110-500	2	Administrator's Guide
255-110-501	1	Quick Reference Guide
255-110-503	1	Network Access Control System Installation and Administration Guide
255-110-600	2	Planning and Implementation Guide
255-110-611	2	VCS LAN Communications Server Installation and Administration Guide
255-110-700	2	System Description
255-110-701	2	Operations Guide
255-110-702	2	Terminal User Guide
255-110-703	2	Migration and Interworking Guide
255-110-712	1	Terminal User
255-110-800	1	Publications

Number	Issue	Subject
255-111 DATAKIT II VCS Release 2.1		
255-111-001	2	Introduction
255-111-020	1	DECXPRESS 100
255-111-100	2	Installation Guide
255-111-101	2	Maintenance Guide
255-111-102	1	PDE (Portable Development Equipment) — Installation and Debugging Guide
Addendum	1	
255-111-106	3	LCS 50 Network Interface for Ethernet 3.0 Installation and Administration Guide
Addendum	1	
255-111-107	1	LCS 60 Network Interface for Ethernet R1.0 Installation and Administration Guide
255-111-200	2	Commands Reference
Addendum	2	
255-111-201	2	Messages Reference
255-111-202	2	DATAKIT II R2.1 Master Index
255-111-500	2	Administrator's Guide
255-111-501	2	Administrator's Guide Quick Reference
255-111-502	1	PDE Programmer's Guide
255-111-505	2	NACS (Network Access Control System) SecurID Authenticator Installation and Administration Guide
255-111-600	2	R2.1 Planning Guide
255-111-606	2	Cabling Guide
255-111-700	2	System Description
255-111-702	2	Terminal User Guide
255-111-703	2	Migration and Interworking Guide
255-111-712	2	Terminal User — Quick Reference Guide
255-111-800	2	StarKeeper® Publications Index
255-112 StarKeeper® NMS		
255-112-004	1	NMS (Network Management System) Release 4.3 Change Pages
255-112-104	2	NMS Installation Guide
255-112-200	2	CCS (Customer Control System) Command Reference Guide
255-112-203	2	NMS Commands Reference Guide

Number	Issue	Subject
255-112-310	1	StarKeeper NMS G4.4 (ISN Application) — Installation Guide G4.4
255-112-311	1	StarKeeper NMS G4.4 (ISN Application) — User Guide G4.4
255-112-312	1	StarKeeper NMS G4.4 (ISN Application) — Command Reference G4.4
255-112-313	1	StarKeeper NMS G4.4 (ISN Application) — Customer Programming Guide G4.4
255-112-500	2	CCS Service Administrator's Guide
255-112-503	1	NAC (Network Access Controller) Installation and Administration 1.1
255-112-505	1	Network Access Control System SerurID Authenticator and Administration Guide
255-112-706	2	NMS System Description
255-112-707	2	NMS User Guide
Addendum	1	
255-112-708	1	Customer Program Guide
255-112-709	2	CCS Administrator's Guide
255-112-711	1	NMS Troubleshooter
255-112-951	1	NMS 4.1 Configuration Guide
255-112-952	1	Impvt Tool
255-112-953	1	NMS Host Port
255-112-954	1	NMS Alarm Trend
255-112-955	1	MNS 4.2 Configuration
255-112-956	1	NMS PR Help...

255-113 DATAKIT II, Release 3.0

Number	Issue	Subject
255-113-000	1	DATAKIT II VCS R3.1 Kit of Documents
255-113-001	1	DATAKIT II VCS Introduction Guide
255-113-005	1	DATAKIT II VCS Release Guide (R3.1)
255-113-100	1	DATAKIT II R3.0 Installation Guide
255-113-101	1	DATAKIT II R3.0 Maintenance Guide
255-113-105	1	Frame Relay Specifications for DATAKIT II VCS and BNS-2000
255-113-200	1	DATAKIT II R3.0 Command Reference
255-113-201	1	DATAKIT II R3.0 Messages Reference
■ 255-113-202	1	DATAKIT II R3.0 Master Index
255-113-500	1	DATAKIT II R3.0 Administrator's Guide
255-113-501	1	DATAKIT II R3.0 Administrator's Quick Reference
255-113-502	1	DATAKIT II VCS R3.0 Session Maintenance Guide
255-113-503	1	DATAKIT II R3.0 Ordering Quick Reference
255-113-600	1	DATAKIT II R3.0 Planning Guide
255-113-606	1	DATAKIT II R3.0 Cabling Guide
255-113-700	1	DATAKIT II R3.0 System Description
255-113-702	1	DATAKIT II R3.0 Terminal User Guide
255-113-712	1	DATAKIT II R3.0 Terminal User Quick Reference
255-113-800	1	DATAKIT II R3.0 Product Line Publications

255-114 StarKeeper II NMS (Network Management System)

Number	Issue	Subject
255-114-001	2	StarKeeper II NMS Introduction
255-114-002	1	StarKeeper II NMS Document Reference Getting Started Guide
255-114-003	1	StarKeeper II NMS Documentation Reference (R6.0) (4-94)
255-114-004	1	StarKeeper II Network Management System (NMS) (R6.0) (4-94)
255-114-010	1	StarKeeper II NMS 3.0.2 Release Guide
255-114-015	1	StarKeeper II NMS HSP R4.0 Release Guide
Addendum	2	
255-114-020	1	StarKeeper II NMS SNMP Proxy Agent Guide
255-114-021	1	StarKeeper II NMS SNMP Proxy Agent User Guide (R5.0) (11-93)
255-114-022	1	StarKeeper II NMS SNMP Proxy Agent User Guide (R6.0) (4-94)
Addendum	2	
255-114-100	3	StarKeeper II NMS Installation Manual
255-114-101	1	StarKeeper II NMS Installation Guide (R5.0)

Number	Issue	Subject
Revision 1	12-94	
255-114-102	1	StarKeeper II NMS Installation Guide (R6.0) (4-94)
255-114-110	1	StarKeeper II NMS Workstation Installation Guide
255-114-150	1	StarKeeper II NMS Graphics Workstation Package
255-114-151	1	StarKeeper II NMS Core System Package
255-114-152	1	StarKeeper II NMS Customer Control System (CCS) Package
255-114-153	1	StarKeeper II NMS Graphics Workstation Package — Update from R4.2 to R5.0
255-114-154	1	StarKeeper II NMS Core System Package — Update from R4.2 to R5.0
255-114-156	1	StarKeeper II NMS Core System Package — Update from R4.1 to R5.0
255-114-157	1	StarKeeper II NMS Graphics System Package Release 6.1
255-114-158	1	StarKeeper II NMS Core System Package Release 6.1
Addendum	1	
255-114-200	1	StarKeeper II NMS Customer Control System Commands Reference
Addendum	2	
255-114-203	2	StarKeeper II NMS Commands Reference
255-114-204	1	StarKeeper II NMS Commands Reference (R5.0)
Revision 1	12-94	
255-114-205	1	StarKeeper II NMS Commands Reference (R6.0) (4-94)
Addendum	1	
255-114-500	1	StarKeeper II NMS Customer Control System Commands Reference
Addendum	2	
255-114-510	2	StarKeeper II NMS Task Manager Guide
255-114-511	1	StarKeeper II NMS Task Manager Guide (R5.0)
255-114-512	1	StarKeeper II NMS Task Manager Guide (R6.0) (4-94)
Addendum	2	
255-114-515	2	StarKeeper II NMS Performance Reporter
255-114-516	1	StarKeeper II NMS Performance Reporter Guide (R5.0)
255-114-517	1	StarKeeper II NMS Performance Reporter Guide (R6.0) (4-94)
Addendum	2	
255-114-520	2	StarKeeper II NMS Network Builder
255-114-521	1	StarKeeper II NMS Network Builder Guide (R5.0)
255-114-522	1	StarKeeper II NMS Network Builder Guide (R6.0) (4-94)
Addendum	1	
255-114-525	2	StarKeeper II NMS Network Monitor
255-114-526	1	StarKeeper II NMS Network Monitor Guide (R5.0)
Revision 1	12-94	
255-114-527	1	StarKeeper II NMS Network Monitor Guide (R6.0) (4-94)
Addendum	3	
255-114-601	4	StarKeeper II NMS Planning Manual
255-114-602	1	StarKeeper II NMS Planning Manual (Update from 4.1 to 5.0)
Revision 1	12-94	
255-114-603	1	StarKeeper II NMS Planning Guide (R6.0) (4-94)
Addendum	2	
255-114-707	3	StarKeeper II NMS User Manual
255-114-708	1	StarKeeper II NMS Customer Programming Guide
Addendum	1	
255-114-709	1	StarKeeper II NMS Customer Control System End User Administrator's Guide
255-114-710	1	StarKeeper II NMS User Guide (R5.0)
Revision 1	12-94	
255-114-711	1	StarKeeper II NMS User Guide (R6.0) (4-94)

255-115 DATAKIT II VCS Release 4

255-115-000	-	Datakit II VCS Release 4.0 Complete Document Set
✇255-115-001	1	Datakit II VCS Library Release 4.0 (CD-ROM) (5-94)
255-115-002	1	Datakit II VCS Library Release 4.0 with CD-ROM (5-94)

Number	Issue	Subject
255-115-010	1	Introduction
255-115-015	1	Publications
255-115-110	1	System Description
255-115-115	1	Administration Quick Reference
255-115-120	1	Planning Guide
255-115-125	1	Terminal User Guide
255-115-220	1	Node Reference
255-115-221	1	TY Module Reference
255-115-222	1	Frame Relay Module Reference
255-115-223	1	Computer Port Module Reference
255-115-224	1	Trunk Module Reference
255-115-226	1	Transparent Sychronous Module Reference
255-115-227	1	Sychronous Data Link Control Module Reference
255-115-229	1	X.25 Module Reference
255-115-230	1	X.75 Module Reference
255-115-231	1	Special Module Reference
255-115-232	1	Sychronous C8 Module Reference
255-115-310	1	Session Maintenance Guide
Release 5.0		
255-115-400	--	Datakit II VCS Library Release 5.0 with CD-ROM (5-94)
✇255-115-401	1	Datakit II VCS Library CD-ROM Release 5.0
255-115-402	1	Datakit II VCS Publications
255-115-403	1	Datakit II VCS System Description
255-115-404	1	Datakit II VCS Planning Guide
Addendum	1	
255-115-405	1	Datakit II VCS Node Reference (2 vols.)
255-115-406	1	Datakit II VCS Administration Quick Reference
255-115-407	1	Datakit II VCS Terminal User Guide

255-170 LCS 200

255-170-011	1	LCS 200 System (25/pkg brochure)
255-170-012	1	LCS 200 Backbone Node (25/pkg brochure)
❑ 255-170-013	1	LCS 200 Access Feeder Node (25/pkg brochure)
255-170-100	1	Installation Guide
■ 255-170-110	1	LCS 200 Access Feeder Node User Guide (Installation)
Addendum	1	
255-170-125	1	LSC 200 System 7 Documentation Package
255-170-500	1	Operator's Guide
255-170-600	1	Configuration Guide (2 Vol.)

255-179 GlobeView™-2000

Release 1.1

255-179-020	1	GlobeView™-2000 Broadband System Introduction Guide R1.0.1 (2/94)
■ 255-179-021	1	GlobeView™-2000 Broadband System — System Description (6-94)
■ 255-179-022	1.1	GlobeView™-2000 Broadband System Node Installation
■ Revision 1	9/94	
■ 255-179-023	1.1	GlobeView™-2000 Broadband System Node Reference
■ 255-179-024	1.1	GlobeView™-2000 Broadband System Line Card Reference
■ 255-179-025	1	GlobeView™-2000 Broadband System Network Management Reference
■ 255-179-026	1	GlobeView™-2000 Broadband System Customer Network Management Application Reference
■ 255-179-027	1	GlobeView™-2000 Broadband System Command Line Interface Specification Programmer's Reference
■ 255-179-028	--	GlobeView™-2000 Broadband System Customer Documentation Library (9-94)
■ 255-179-029	1	GlobeView™-2000 Broadband System Command Line Interface Specification Programmer's Reference (IDCS) (10-94)

Release 1.2

■ 255-179-051	1	GlobeView™-2000 Broadband System System Description
■ 255-179-052	1	GlobeView™-2000 Broadband System Node Installation

Number	Issue	Subject
■ 255-179-053	1	GlobeView™-2000 Broadband System Node Reference
■ 255-179-054	1	GlobeView™-2000 Broadband System Line Card Reference
■ 255-179-055	1	GlobeView™-2000 Broadband System Network Management Reference
■ 255-179-056	1	GlobeView™-2000 Broadband System Customer Network Management Application Reference
■ 255-179-057	1	GlobeView™-2000 Broadband System Command Line Interface Specification: Programmer's Reference
■ 255-179-058	1	GlobeView™-2000 Broadband System Command Line Interface Specification: Programmer's Reference (IDCS)

255-180 BNS-1000

255-180-000	1	BNS-1000 R1.1 Documentation Kit
255-180-005	1	BNS-1000 Release Guide R1.1
255-180-100	1	BNS-1000 Installation Guide
255-180-101	1	BNS-1000 Maintenance Guide
255-180-200	1	BNS-1000 Commands Reference (2 Vol)
255-180-201	1	BNS-1000 Messages Reference Guide
255-180-500	1	BNS-1000 Administrator's Guide
255-180-600	1	BNS-1000 Session Maintenance Guide

255-181 BNS-2000 Release 1.0

255-181-010	1	BNS-2000 — Introduction Guide
255-181-015	1	BNS-2000 Product Line Publications
255-181-025	1	BNS-2000 Data Networking Terminology
255-181-110	1	BNS-2000 System Description R1.0
255-181-115	1	BNS-2000 Administration Quick Reference
255-181-117	1	BNS-2000 Network Access Control System (NACS) — Installation and Administration Guide
255-181-120	1	BNS-2000 Planning Guide
255-181-121	1	BNS-2000 DPN Cabling Guide — Data Networking Products
Addendum	1	
255-181-122	1	BNS-2000 — Node Reference Update
255-181-205	1	BNS-2000 — User Quick Reference/Asynchronous Access
255-181-210	1	BNS-2000 Messages Reference
255-181-220	1	BNS-2000 Node Reference
255-181-221	1	BNS-2000 — TY Module Reference
255-181-222	1	BNS-2000 — Frame Relay Module Guide
255-181-223	1	BNS-2000 — Computer Port Module Reference
255-181-224	1	BNS-2000 Trunk Module Reference
255-181-310	1	BNS-2000 Session Maintenance Guide

255-182 BNS-2000 Release 1.1

255-182-000	1.1	BNS-2000 Document Set
255-182-015	1	BNS-2000 — Publications
255-182-025	1	BNS-2000 — Data Networking Terminology
255-182-110	1	BNS-2000 — System Description
255-182-115	1	BNS-2000 — Administration Quick Reference
255-182-120	1	BNS-2000 Planning Guide
Addendum	1	
255-182-210	1	BNS-2000 — Messages Reference
Addendum	1	
255-182-220	1	BNS-2000 — Node Reference (2-Vol)
255-182-224	1	BNS-2000 — Trunk Module Reference
Addendum	1	
255-182-225	1	BNS-2000 — Access Interface Module Reference
Addendum	1	
255-182-310	1	BNS-2000 — Session Maintenance Guide
Addendum	1	
255-182-315	1	BNS-2000 — SMDS (Switched Multimegabit Data Service) Guide LSC 700 SMDS Concentrator Installation and Administration Guide

Number	Issue	Subject
255-183 BNS-2000 Release 1.2		
255-183-000	-	BNS-2000 Release 1.2 Complete Document Set
255-183-015	1	BNS-2000 — Publications
255-183-110	1	BNS-2000 — System Description
255-183-115	1	BNS-2000 — Administration Quick Reference
255-183-120	1	BNS-2000 — Planning Guide
255-183-125	1	BNS-2000 Terminal — User Guide (10-93)
255-183-210	1	BNS-2000 — Messages Reference
Addendum	1	
255-183-220	1	BNS-2000 — Node Reference— Volume 1: Overview, Installation, Operations, Administration, Maintenance, Troubleshooting — Volume 2: Commands
255-183-221	1	BNS-2000 TY Module Reference
255-183-222	1	BNS-2000 Frame Relay Module Reference (3/93)
255-183-223	1	BNS-2000 Computer Port Module Reference
255-183-224	1	BNS-2000 Trunk Module Reference
255-183-225	1	BNS-2000 Access Interface Module Reference
255-183-226	1	BNS-2000 Transparent Synchronous Module Reference
255-183-227	1	BNS-2000 Synchronous Data Link Module Reference
255-183-228	1	BNS-2000 Concentrator Reference
255-183-229	1	BNS-2000 X.25 Module Reference
255-183-315	1	BNS-2000 SMDS Guide
255-184 BNS-2000 Release 2.0		
255-184-000	--	BNS-2000 Complete Document Set
255-184-002	--	BNS-2000 Complete Document Set with CD-ROM
255-184-100	1	BNS-2000 — Publications
255-184-101	1	BNS-2000 — Introduction
255-184-102	1	BNS-2000 — System Description
255-184-103	1	BNS-2000 — Planning Guide
255-184-104	1	BNS-2000 — SMDS Guide
255-184-105	1	BNS-2000 — Session Maintenance Guide
255-184-106	1	BNS-2000 — Node Reference
255-184-107	1	BNS-2000 Access Interface Module Reference
255-184-108	1	BNS-2000 Computer Port Module Reference
255-184-109	1	BNS-2000 Frame Relay Module Reference
255-184-110	1	BNS-2000 Synchronous Data Link Control Module Reference
255-184-111	1	BNS-2000 Transparent Synchronous Module Reference
255-184-112	1	BNS-2000 Trunk Module Reference
255-184-113	1	BNS-2000 TY Module Reference
255-184-114	1	BNS-2000 X.25 Module Reference
255-184-115	1	BNS-2000 X.75 Module Reference
255-184-116	1	BNS-2000 — Administration Quick Reference
255-184-117	1	BNS-2000 — Terminal User Guide
255-184-118	1	Datakit II VCS to BNS-2000 Conversion Guide
255-184-120	1	BNS-2000 Installation Procedures Handbook (1-95)
✇255-184-125	1	BNS-2000 Release 2.0 Library on CD-ROM (6-94)
BNS-2000 Release 3.0		
255-184-132	1	BNS-2000 Administration Quick Reference (4-95)
255-184-133	1	BNS-2000 Node Reference, Volume 1: Overview, Operations, Administration, Maintenance, Troubleshooting (4-95)
255-184-135	1	BNS-2000 Publications (4-95)
255-184-136	1	BNS-2000 System Description (4-95)
255-184-137	1	BNS-2000 Terminal User Guide (4-95)
255-190 BNS-1000 Release 2.0		
255-190-015	1	BNS-1000 Publications
255-190-110	1	BNS-1000 System Description
255-190-115	1	BNS-1000 Administration Quick Reference

Number	Issue	Subject
255-190-120	1	BNS-1000 Planning Guide
255-190-125	1	BNS-1000 Terminal User Guide
255-190-220	1	BNS-1000 Node Reference
255-190-221	1	BNS-1000 TY Module Reference
255-190-222	1	BNS-1000 Frame Relay Module Reference
255-190-223	1	BNS-1000 Computer Port Module Reference
255-190-224	1	BNS-1000 Trunk Module Reference
255-190-226	1	BNS-1000 Transparent Synchronous Module Reference
255-190-227	1	BNS-1000 Synchronous Data Link Control Module Reference
255-190-229	1	BNS-1000 X.25 Module Reference
255-190-230	1	BNS-1000 X.75 Module Reference
255-190-310	1	BNS-1000 Session Maintenenace Guide

255-2 No. 10A RSS (Remote Switching System)

Number	Issue	Subject
255-200-100	1	General Description
Addendum	1	
▲ 255-200-301	2	Maintenance Procedure

255-3 1PSS (1 Packet Switching System) — Operation, Maintenance, and Features

Number	Issue	Subject
255-300-105	2	Maintenance Considerations

Technical Specification Manuals

Number	Issue	Subject
255-300-110	2	Release 3.1
255-300-111	1	Release 4.0
255-300-111	2	Release 4.1

Maintenance Manuals

Number	Issue	Subject
255-300-120	2	Release 4.1
255-300-123	1	Release 3.2

Systems Engineering Manuals

Number	Issue	Subject
255-300-130	2	Release 4.1

Network Management Manuals

Number	Issue	Subject
255-300-140	2	Release 4.1
■ 255-300-152	2	1PSS Input Message Manual-2 Vol 1 — Packett Switching System
■ 255-300-153	2	1PSS Input Message Manual-3 Vol 1 — Packett Switching System
■ 255-300-155	2	1PSS Input Output Manual— Packet Switching System
■ 255-300-161	2	1PSS User's Guide-1 — Packet Switching System

255-301 Workstations

Number	Issue	Subject
255-301-110	2	User Guide USDS (User Screening Database Server) Utilities 6 (1PSS) (Version 2.0)
255-301-111	1	User Guide USDS (User Screening Database Server) Utilities 6 (1PSS) (Version 3.0)
255-301-112	4/92	1PSS USDS (User Screening Database Server) Installation and Administration Guide
255-301-120	11/90	1PSS Network Workstation Network Control Center (NCC) Version Administration Guide
255-301-121	11/90	1PSS Network Workstation Network Control Center (NCC) Version User Guide
255-301-125	11/90	1PSS Network Workstation Customer Network Control Center (CNCC) Version Administration Guide
255-301-126	11/90	1PSS Network Workstation Customer Network Control Center (CNCC) Version User Guide

Remote Packet Modules

Number	Issue	Subject
255-350-105	2	Model 1 and Model 2 — Maintenance Considerations
▲ 255-351-100	2	Model 1 Frame — Local Area Data Transport Service
▲ 255-352-100	2	Model 2 Frame — Local Area Data Transport Service

255-5 Data Base Systems

Number	Issue	Subject
255-500-100	1	Data Mangement System and Automatic Location Identification System Description for Generic 1

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255-6 NMS (Network Management Systems)			
255-605 NETPARTNER®			
	255-605-010	1	NMS (Network Management System) Workstation User Guide 1NP2.1
■	255-605-015	1	NMS (Network Management System) Display Construction 1NP2.1
▲	255-605-020	1	NMS Administration
▲	255-605-022	1	NMS Installation Guide

Division 256

Common Channel Signaling System (CCSS)

256-0 Indexes, Equipment Test List, and Documents Applicable to All Systems
- -000 Indexes
- -001 Equipment Test List
- -002 Common Channel Signaling 7 — Switching Products
- -010 CCSS Common Functions
- -015 CCS7 LEC Network
- -020 CCSS Related Features
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- -040 Signaling Links, Terminal Group, Data Set Frame, and AC Power
- -041 Network Services Complex
- -070 Network Administration
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- -090 CNI (Common Network Interface)
- -098 AT&T Customer Information Releases (CIRs) Only
- -099 General Distribution CIRs

256-1 1A/1B NCP (No. 1A and 1B Network Control Point)
- -101 1NCP (Network Control Point) Support Software
- -110 No. 2 NCP Product Documentation

256-2 STPS (Signal Transfer Points)
- -200 No. 1 STP
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256-0 Indexes, Equipment Test List, and Documents Applicable to All Systems		
256-000 Indexes		
256-000-000	79	Numerical Index — Division 256 — Common Channel Signaling System (CCSS) (5-95)
256-001 Equipment Test List		
256-001-011	1	No. 1 Signal Transfer Point
256-002 Common Channel Signaling 7 — Switching Products		
256-002-100	3	CCS7 Information Guide
256-003 A-I-NET™ STP (Signal Transfer Point)		
■ 256-003-210	2	A-I-NET Signal Transfer Point — System Description (10-92)
■ 256-003-211	2	A-I-NET Signal Transfer Point — Operation and Maintenance Procedures: Ring and Link (6-93)
■ 256-003-212	2	A-I-NET Signal Transfer Point — Operation and Maintenance Procedures: Office, Routing, Network, and System (6-93)
■ 256-003-213	2	A-I-NET Signal Transfer Point — Input Messages (6-93)
■ 256-003-214	2	A-I-NET Signal Transfer Point — Output Manual Vol.1:A-O Vol.2:P-Z (6-93)
■ 256-003-215	2	A-I-NET Signal Transfer Point — Data Base Administration (7-93)
■ 256-003-216	2	A-I-NET Signal Transfer Point Reference Manual — Volume 1 Display Pages, Audits and Tools — Volume 2 Diagnostics and PRMs (6-93)
256-004 No.2 STP (Signal Transfer Point)		
■ 256-004-200	6	No. 2 STP System Description (4-93)
■ 256-004-201	6	No. 2 STP System — Operation and Maintenance Procedures — Ring and Link (4-93)
■ 256-004-202	6	No. 2 STP System — Operation and Maintenance Procedures — Office, Routing, Network and System Generic 6.3

Number	Issue	Subject
■ 256-004-203	6	No. 2 Signal Transfer Point — Input Manual V1 Generic 6.3
■ 256-004-204	6	No. 2 Signal Transfer Point — Output Manual V2 2Volume Set Generic 6.3
■ 256-004-205	6	No. 2 Signal Transfer Point — Data Base Administration V1 Generic 6.3
■ 256-004-206	6	No. 2 Signal Transfer Point — Reference Manual V2 Display Pages, Audits, and Tools Generic 6.3 2 Vol. Set
■ 256-004-300	3	No. 2 Signal Transfer Point System Description Gen 7.1 (1-94) NOTE: Not for Coded Distribution
■ 256-004-301	3	No. 2 Signal Transfer Point System — Ring and Link — Operations and Maintenance Procedures: Ring and Link (1-94) NOTE: Not for Coded Distribution
■ 256-004-302	3	No. 2 Signal Transfer Point System Operations and Maintenance Procedures: Office, Routing, Network, and System Gen 7.1 NOTE: Not for Coded Distribution
■ 256-004-303	3	No. 2 Signal Transfer Point Input Messages Gen 7.1 NOTE: Not for Coded Distribution
■ 256-004-304	3	No. 2 Signal Transfer Point Output Messages Volume 1, A-O — Volume 2, P-Z Gen 7.1 NOTE: Not for Coded Distribution
■ 256-004-305	3	No. 2 Signal Transfer Point Data Base Aministration Manual Gen 7.1 NOTE: Not for Coded Distribution
■ 256-004-306	3	No. 2 Signal Transfer Point Reference Manual Volume 1 Display Pages, Audits, and Tools — Volume 2 Diagnostics and PRMs Gen 7.1 NOTE: Not for Coded Distribution
■ 256-004-400	2	No. 2 Signal Transfer Point System Description Gen 8.2 (10-94)
■ 256-004-401	2	No. 2 Signal Transfer Point Operations and Maintenance Procedures: Ring and Link Gen 8.2 (10-94)
■ 256-004-402	2	No. 2 Signal Transfer Point Operations and Maintenance Procedures: Office, Routing, Network, and System Gen 8.2 (10-94)
■ 256-004-403	2	No. 2 Signal Transfer Point Input Messages Gen 8.2 (10-94)
■ 256-004-404	2	No. 2 Signal Transfer Point Output Messages Gen 8.2 (10-94) (2 Volumes)
■ 256-004-405	2	No. 2 Signal Transfer Point Data Base Administration Gen 8.2 (10-94)
■ 256-004-406	2	No. 2 Signal Transfer Point Reference Manual Gen 8.2 (10-94) (2 Volumes)

256-010 CCSS (Common Channel Signaling System) Common Functions and Equipment

■ 256-010-010	4	CCSS Common Functions Manual
■ 256-010-011	2	No. 2 Network Control Point Service, Administration, and Maintenance Manual (SAMM)
■ 256-010-012	1	1NCP Service, Administration, and Maintenance Manual
CommonEquipment		
■ 256-010-300	1	SS7 (Signaling System 7) Protocol Converter Programmers Guide (11-94)
■ 256-010-301	1	SS7 (Signaling System 7) Protocol Converter Administration Guide (11-94)

256-015 CCS7 LEC Network

■ 256-015-100	3	Signaling System 7 — LEC Network — Description
■ Addendum	1	
■ 256-015-200	2	CCS7 Network — Data Base and Routing
■ 256-015-300	2	Signaling System 7 — LEC Network — Operations, Administration, and Maintenance (12-92)

Number	Issue	Subject
■ 256-015-310	1	Simultaneous Trunk Conversion via Automatic Recent Change for 1A ESS™ Switch or 5ESS® Switch Data Base and Routing Document

256-030 Advanced Services Platform

256-030-112	11/91	AT&T Net Advanced Services Platform

256-040 Signaling Links, Terminal Group, Data Set Frame, and AC Power

256-040-100	3	Signaling Links — Description
■ 256-040-100AC	1	Signaling Links — Description
256-040-101	1	Terminal Group — Description
256-040-102	1	Voice Frequency Link Access Circuit — Description
256-040-103	1	Data Set Frame SD-94874-01 — Description
256-040-104	2	Voice Frequency Link Test Frame — Description
■ 256-040-105AC	2	56-KBPS Signaling Links — Operation, Administration, and Maintenance Description
256-040-300	1	Signaling Links — Rehoming and Retirement Procedures
256-040-301	1	Signaling Links — Conversion From 2400 to 4800 BPS
256-040-302	1	Signaling Links — Growth and Degrowth
256-040-303	1	Signaling Links — Link Security Check Procedures
256-040-500	1	Signaling Links — Maintenance
256-040-501	1	Terminal Group — Maintenance
256-040-502	1	Voice Frequency Link Access Circuit SD- 68758-01 — Test And Adjustment Procedures
256-040-503	1	Signaling Links — Performance Tests
256-040-504	1	Data Set Frame SD-94874-01 — Maintenance
256-040-505	1	AC Power and Alarm Frame SD-68771-01 — Tests
256-040-510	2	Analog Signaling Links — Performance Tests Between No. 1 and No. 2 Signal Transfer Points
256-040-511	1	Analog Signaling Links — Performance Tests Between No. 2 Signal Transfer Point and 4A Switch
■ 256-040-515	3	Analog Signaling Links — Performance Tests Between No. 2 Signal Transfer Point and 5ESS® Switch
■ 256-040-520	1	Analog Signaling Links Performance Tests, 2STP and 5ESS Switch

256-041 NSCX (Network Services Complex) and SCS

256-041-100	6	Network Services Complex (NSCX) J4A017 (5-93)
256-041-101	1	Common Channel Signal System — Theory Network Services Complex J4A017
■ 256-041-110	1	Software Description
▲Addendum	1	
▲256-041-300	2	Network Services Complex (NSCX) Growth and Additions — Common Channel Signaling System (5-93)
▲Addendum	1	
▲256-041-500	5	Network Services Complex (NSCX) Maintenance — Common Channel Signaling System (5-93)

256-070 Network Administration

❶256-070-103	1	Network Administration Center (CNAC) — Cutover/Conversion Coordination
256-070-104	1	Network Administration Center (CNAC) — Signaling Link Provision
256-070-105	1	No. 1 Signal Transfer Point — Reload Process
256-070-107	1	Voice Frequency Links — In-Effect Reporting
■ 256-070-200AC	1	Network Performance Measurement Plan — Description — Network Switched Services — Network Control Point
256-070-201	1	Network Signaling Performance Measurement Plan — Monitoring Interoffice Signaling at a No. 1 Signal Transfer Point
■ 256-070-202AC	1	Network Performance Measurement Plan Description — Network Switched Service No. 2 Signal Transfer Point

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256-071 System Planning		
256-071-105	2	Signaling System 7 Link Engineering and Planning System (booklet and 2 disketts) (2-93)
256-090 CNI (Common Network Interface)		
CNI Generic 3.3.8 for the Service Control Point II (SCPII)		
■ 256-090-100	1	CNI System Desctiption Manual
■ 256-090-101	1	CNI Operations and Maintenance Manual
■ 256-090-102	1	CNI Maintenance Manual
■ 256-090-103	1	CNI Support Manual
■ 256-090-104	1	CNI Input Message Manual
■ 256-090-105	1	CNI Output Message Manual
CNI5		
■ 256-090-136	2	Message Trap Job Aid
CNI7		
■ 256-090-170	1	CNI System Desctiption Manual
■ 256-090-171	1	CNI Operations Manual
■ 256-090-172	1	CNI Maintenance Manual
■ 256-090-173	1	CNI Support Manual
■ 256-090-174	1	CNI Input Message Manual
■ 256-090-175	1	CNI Output Message Manual
■ 256-090-176	1	CNI Processor Recovery Messages Manual
■ 256-090-177	1	CNI Feature Description Manual
CNI8.4 for the 4ESS™ Switch		
■ 256-090-180	1	CNI System Desctiption Manual
■ 256-090-181	1	CNI Operations Manual
■ 256-090-182	1	CNI Maintenance Manual
■ 256-090-183	1	CNI Support Manual
■ 256-090-184	1	CNI Input Message Manual
■ 256-090-185	1	CNI Output Message Manual
■ 256-090-186	1	CNI Processor Recovery Messages Manual
■ 256-090-187	1	CNI Feature Description Manual
256-098 Customer Information Releases (CIRs)		
■ 256-098-003 TD	1	No. 1A Network Control Point — Direct Services Dialing (DSD) Application — Generic 1DSD4 (Technical Description)
■ 256-098-004 TD	1	No. 1A Network Control Point (NCP) Support Software (NSPS) — Generic 1NCP4 (Technical Description)
256-099 General Distribution CIR		
256-099-002NP	1	2/2A STP (Signal Transfer Pt.) GC37
256-099-003IR	2	Spares Exchange Services — Signaling Products (SES-SP and SES-SP-PLUS) — Switching Systems
256-099-005NP	1	2/2A Signal Transfer Point (STP)
256-099-006NP	1	2/2A Signal Transfer Point (STP), Generic 5, Switching Systems
256-099-008MG	1	First Service Application (FSA) Tests for Route Set Test (RST) Message H1 Field Encoding Change for No. 2/2A Signal Transfer Point (2/2A STP), Switching Systems
256-099-009IR	1	CCS7 Local Exchange Carrier (LEC) Network Documentation, Switching Systems
256-099-010NP	1	A-I-NET™ Signal Transfer Point (STP) — Releases 0 and 1 — Switching Systems
256-099-012NP	9/93	A-I-NET Signal Transfer Point Rel 2
256-1 1A/1B NCP (No. 1A and 1B Network Control Point)		
■ 256-100-010	1	No. 1 Network Control Point/(em Operation, Administration, and Maintenance
256-100-100	3	Description — No. 1B
■ 256-100-100AC	3	Description
256-100-101	1	Interprocessor Link — Description
■ 256-100-103AC	1	Controlled Maintenance Plan
256-100-105	3	Local Maintenance Position — Description — No. 1A and No. 1B
256-100-106	2	Ring Node Frame/Cabinet — Description — No. 1A and No. 1B
256-100-107	2	Digital Facility Access Frame/Cabinet — Description — No. 1A and No. 1B

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	256-100-108	2	Synchronous Data Links — Description — No. 1B
■	256-100-108AC	2	Synchronous Data Links — Description
	256-100-300	1	Support Software — Loading Procedure
	256-100-301	1	Broadcast Warning Messages — Implementation
■	256-100-302AC	2	System Evaluation Procedures
	256-100-310	1	Application Programs — Loading Procedures
	256-100-320	1	Application Programs — Activation and Deactivation Procedures
	256-100-501	2	System Status Displays — No. 1B
■	256-100-501AC	1	System Status Displays
■	256-100-502AC	1	Operational Review
■	256-100-503AC	2	System Status Displays — No. 1A
	256-100-560	1	Interprocessor Link — Maintenance
	256-100-580	3	Synchronous Data Links — Maintenance and Testing

256-101 No. 1A Network Control Point (1ANCP) Product Documents for NSD

	256-101-020	2	CP8.2 Documentation Guide
	256-101-021	2.4	1NCP8.2 System Description
	256-101-022	2.3	1NCP8.2 System Reference Manual
■	256-101-023	2.10	1NCP8.2 Operation Instructions Guide
■	256-101-024	1	1NCP8.1 Documentation Guide (Release 2) Generic (5-93)
■	256-101-025	1	1NCP8.1 System Description (Release 2) Generic (5-93)
■	256-101-026	1	1NCP8.1 System Reference Manual (Release 2) Generic (5-93)
■	256-101-027	1.1	1NCP8.1 System Operating Instructions
■	256-101-030	1	No. 1A Network Control Point — Documentation Guide 1NCP (1-93)
■	256-101-031	1.1	No. 1A Network Control Point — System Description — 1NCP9.1 Generic
■	256-101-032	1.1	No. 1A Network Control Point — System Reference Manual — 1NCP9.1 Generic
■	256-101-033	1.6	No. 1A Network Control Point — Operation Instructions — 1NCP9.1 Generic
	256-101-120	2.1	1NCP8.2 Software Description
	256-101-121	2.3	1NCP8.2 Input Messages
	256-101-122	2.3	1NCP8.2 Output Messages
■	256-101-124	1.1	No. 1A Network Control Point — NCP Support Software (NSPS) — Software Description — 1NCP8.1
■	256-101-125	1.1	No. 1A Network Control Point — NCP Support Software (NSPS) — Input Messages — 1NCP8.1
■	256-101-126	1.1	No. 1A Network Control Point — NCP Support Software (NSPS) — Output Messages — 1NCP8.1
■	256-101-130	1.1	No. 1A Network Control Point — NCP Support Software (NSPS) — Software Description — 1NCP9.1 Generic (5-93)
■	256-101-131	1.3	No. 1A Network Control Point — NCP Support Software (NSPS) — Input Messages — 1NCP9.1 Generic
■	256-101-132	1.3	No. 1A Network Control Point — NCP Support Software (NSPS) — Output Messages — 1NCP9.1 Generic
	256-101-210	1	1CCC2.1 Application Description (1-95)
	256-101-211	1	1CCC2.1 Input Messages (1-95)
	256-101-212	1	1CCC2.1 Output Messages (1-95)
■	256-101-310	1.1	No. 1A Network Control Point — Intelligent Call Processing (ICP) — Application Description — 1ICP1.1 Generic
■	256-101-311	1.1	No. 1A Network Control Point — Intelligent Call Processing (ICP) — Input Messages — 1ICP1.1 Generic (10-93)
■	256-101-312	1.1	No. 1A Network Control Point — Intelligent Call Processing (ICP) — Output Messages — 1ICP1.1 Generic (10-93)
■	256-101-430	1.2	No. 1A Network Control Point — Universal Global Title Translation (UGT) — Application Description — 1UGT1.2 Generic (3-94)

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■ 256-101-431	1.4	No. 1A Network Control Point — Universal Global Title Translation (UGT) — Input Messages — 1UGT1.2 Generic
■ 256-101-432	1.3	No. 1A Network Control Point — Universal Global Title Translation (UGT) — Output Messages — 1UGT1.2 Generic
256-101-520	1.1	1CAS4.1 Application Description
256-101-521	1.1	1CAS4.1 Input Messages
256-101-522	1.1	1CAS4.1 Output Messages
■ 256-101-523	1.1	No. 1A Network Control Point — Customer Account Services (CAS) — Application Description — 1CAS5.1 Generic (2-94)
■ 256-101-524	1.1	No. 1A Network Control Point — Customer Account Services (CAS) — Input Messages — 1CAS5.1 Generic (2-94)
■ 256-101-525	1.1	No. 1A Network Control Point — Customer Account Services (CAS) — Output Messages — 1CAS5.1 Generic (2-94)
256-101-600	2	1 Network Control Point Data System (NCPDS) Users Guide (6-93)
■ 256-101-610	1.1	No. 1A Network Control Point — INWATS Data Base (IDB) — Application Description — 1IDB4.1 Generic (2-93)
■ 256-101-611	1	No. 1A Network Control Point — INWATS Data Base (IDB) — Input Messages — 1IDB4.1 Generic (2-93)
■ 256-101-612	1.1	No. 1A Network Control Point — INWATS Data Base (IDB) — Output Messages — 1IDB4.1 Generic (2-93)
■ 256-101-620	1.1	INWATS Data Base (IDB) Application Description — 1IDB5.1 Generic (3/94)
■ 256-101-621	1	No. 1A Network Control Point — INWATS Data Base (IDB) Input Messages— 1IDB5.1 Generic (3/94)
■ 256-101-622	1	No. 1A Network Control Point — INWATS Data Base (IDB) Output Messages— 1IDB5.1 Generic (3/94)
■ 256-101-710	1	No. 1A Network Control Point — Network Call Denial (NCD) — System Description — 1NCD3.1 Generic (8-93)
■ 256-101-711	1	No. 1A Network Control Point — Network Call Denial (NCD) — Operating Instructions — 1NCD3.1 Generic (8-93)
■ 256-101-712	1	No. 1A Network Control Point — Network Call Denial (NCD) — Operating Instructions — 1NCD3.1 Generic (8-93)
■ 256-101-713	1	No. 1A Network Control Point — Network Call Denial (NCD) — Output Message Manual — 1NCD3.1 Generic (8-93)
256-101-820	1	1DSD8.1 Application Description
256-101-821	1.1	1DSD8.1 Input Messages (1-94)
256-101-822	1.1	1DSD8.1 Output Messages (1-94)
■ 256-101-930	2.1	No. 1A Network Control Point — Line-Number Services Application (LSA) — Application Description — 1LSA1.1 Generic (1-93)
■ 256-101-931	1	No. 1A Network Control Point — Line-Number Services Application (LSA) — Input Messages — 1LSA1.1 Generic (1-93)
■ 256-101-932	2	No. 1A Network Control Point — Line-Number Services Application (LSA) — Output Messages — 1LSA1.1 Generic

256-110 No. 2 NCP Product Documentation

2NCP Systems Documentation (CSG)

256-110-100	1	2NCP System Documentation Guide
256-110-110	3	2NCP 3.0 System Description
256-110-111	1	2NCP 4.0 System Description Manual
■ 256-110-121	2	2DSD (Direct Service Dailing) — Engineering Guide
■ 256-110-122	1	2PCS System Engineering Guide V1
■ 256-110-123	7	2DSA 2.0 Engineering Guide
256-110-130	7	2NCP 3.0 System Administration Manual
256-110-131	1.5	2NCP 4.0 System Administration Guide
256-110-140	7	2NCP 3.0 System Maintenance Manual
■ 256-110-141	1.4	2NCP 4.0 System Maintenance Guide

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	256-110-150	8	2NCP 3.0 System MML Commands and Messages Manual
■	256-110-151	1.5	2NCP 4.0 System MML Commands and Messages Manual Vol. 2

2NCP Special Documentation

	256-110-201	2	2NCP AS (Administrative System) Site Data Administration — User Guide (12-92)
	256-110-202	2	2NCP AS (Administrative System) Network Table Administration — User Guide (12-92)
	256-110-203	2	2NCP AS (Administrative System) Administration Commands — User Guide (12-92)
	256-110-204	2	2NCP AS (Administrative System) Monitors, Scheduler, Special Studies — User Guide (12-92)
	256-110-205	1	2NCP Analysis and Distribution System (NADS) On-Line Reports— User Guide

256-112 No. 2 NCP Vendor Documents

	256-112-000	--	2NCP FTX Document Set Note: Contains 256-112-110, -111, -120, -121
	256-112-110	1	2NCP FTX User's Guide (Release 1)
	256-112-111	1	2NCP FTX User's Reference Manual (Release 1)
	256-112-120	1	2NCP FTX System Administrator's Guide (Release 1)
	256-112-121	1	2NCP FTX System Administrator's Reference (Release 1)

256-2 STPs (Signal Transfer Points)

256-200 No. 1 STP

	256-200-100	2	Description
	256-200-101	1	Controlled Maintenance Plan
	256-200-300	1	Office Data Loading Procedure
■	256-200-321	1	Recovery From Catastrophic Failure
	256-200-322	1	Emergency Recovery Flowchart
	256-200-510	1	Software Measurements and Reports

256-210 No. 2 STP

■	256-210-010	3	Operations, Administration and Maintenance
■	256-210-015	1	No. 2 STP CNOS Recent Change System User's Guide
	256-210-100	2	Description
	256-210-101	2	Ring Node Frame — Description
	256-210-102	2	Analog Facility Access Frame — Description
	256-210-103	2	Digital Facility Access Frame — Description
	256-210-104	2	Maintenance Data Set Frame — Description
	256-210-105	1	Office Service Frame — Description
	256-210-106	5/91	2STP Engineering Guide
	256-210-110	2	Voice Frequency Link Test Set — Description
	256-210-111	2	No. 2 STP Engineering Guide V1 Generic 6
■	256-210-114	2	Security System (5-95)
■	256-210-116	2	No. 2 STP Engineering Guide Generic 7 (5-93) NOTE: Not for Coded Distribution
■	256-210-120	1	No. 2 STP Generic 8 Engineering Guide (5-94)
■	256-210-125	1	No. 2 STP Engineering Guide V1 Generic 9 (1-95)

256-220 No. 2A STP (Signal Transfer Point)

	256-220-099	1	Description
	256-220-100	1	2ASTP Generic 2 Technical Specification
	256-220-101	1	Ring Node Cabinet
	256-220-103	1	Digital Facility Access Cabinet — Description
	256-220-105	1	Office Services Cabinet — Description
	256-230-100	1	Common Channel Signaling Systems
■	256-240-050	1	No. 2/2A Signal Transfer Point — Operation, Administration, and Maintenance Manual

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■ Addendum	1	
256-240-100	1	Generic D4 Technical Specification
■ 256-240-105	1	Technical Specification (Generic 5)
■ 256-240-106	2	No. 2A STP Engineering Guide
■ 256-240-111	1	A-I-NET (No. 2A STP Generic 6) Engineering Guide for LEC
■ 256-240-112	1	Message Trap Job Aid 2STP
■ 256-240-113	2	Quick Reference Guide (3-92)
■ 256-240-116	1	A-I-Net STP — Engineering Guide (12-92)

256-3 Support Systems

256-310 No. 2 NCP Support Systems

256-310-110	5	No.2 Network Control Point (2NCP) Direct Services Dialing (2DSD) Support Systems Manual (3.0)
256-310-111	2/95	No.2 Network Control Point (2NCP) Direct Services Dialing (2DSD) Inbound Features Manual
256-310-112	6	No.2 Network Control Point (2NCP) Direct Services Dialing (2DSD) Support System Manual (4.0)
256-310-120	2	2PCS Support System Manual (1.0)
256-310-130	1	2DSA Support System Manual (1.0)
■ 256-310-131	4/95	2DSA Outbound Features Manual
■ 256-310-132	2	2DSA Support System Manual (2.0) (4-94)
■ 256-310-140	1	2LAC Support System Manual (1.0) (8-94)
■ 256-310-142	1	2LAC Engineering Guide (10-94)

256-4 CCSS User Offices

256-410-100	1	Description and Requirements — No. 4A Toll Switching System

Number	Issue	Subject

256-9 International Documents

256-910/911 NCP (Network Control Point) International Documents

British Telecom

256-910-022	D	NSPS Commands Manual
256-910-023	C	Application Commands Manual
256-910-024	D	NCP Commands and Reports Manual
256-910-025	C	Application Reports Manual
256-910-026	D	NCP Operation and Administration Manual
256-910-027	D	NCP Routine Maintenance Manual
■ 256-910-028	1	Intelligent Network Documentation Guide
■ 256-910-029	1	Intelligent Network Systems Manual

Spain Intelligent Network

256-910-101	I	NCP User's Manual Version 1 Generic 1NCPE2.1 1DSDE2.1 1ACCE2.1 — Project Spain
256-910-102	H	Commands and Reports Manual— NSPS Version 1 Commands — Project Spain
256-910-103	F	Commands and Reports Application Manual Version 1 — Spain Project
■ 256-910-104	I	Commands and Reports Manual 2 Volumes — NSPS Reports — Spain Project
■ 256-910-105	F	Commands and Reports Manual Version 1 — Application Reports — Project Spain
■ 256-910-110	A	NETDG Documentation Guide
■ 256-910-111	A	Intelligent Network Systems Manual

Italtel SIP Phase 2A NCP Intelligent Network User Documentation

256-910-201	F	NCP Users Manual V1
256-910-202	E	NCP CRM/NSPS Commands Manual
256-910-203	D	NCP CRM Application Commands Manual V1
256-910-204	D	NCP CRM NSPS Reports Manual V1

	Number	Issue	Subject
	256-910-205	E	NCP CRM Applications Reports Manual V1
■	256-910-208	A	Documentation Guide V1
■	256-910-209	A	Intelligent Network Systems Manual

Italtel SIP Phase 2b NCP Intelligent Network User Documentation

■	256-910-210	--	NCP Complete Set
■	256-910-211	A	NCP User's Manual
	256-910-212	H	NCP 3.2 NSPS Commands V1
	256-910-213	G	NCP Application/Commands Manual V1
	256-910-214	H	NCP NSPS Reports Manual V1
	256-910-215	H	NCP 3.2 Application/Reports Manual V1
	256-910-216	I	NCP 3.2 Operation and Administration Manual V1
	256-910-217	I	NCP 3.2 Routine Maintenance Manual V1
■	256-910-218	2	Documentation Guide
■	256-910-219	1	Intelligent Network Systems Manual

Italtel Italcable Phase 1 NCP Intelligent Network User Documentation

	256-910-301	E	NCP User's Manual
	256-910-302	E	NCP Commands and Report Manual V1 DEX
	256-910-303	D	NCP Commands and Reports Manual Application Commands Manual
	256-910-304	D	NSPS Commands and Reports Manual V2
	256-910-305	E	NCP Commands and Reports Manual Application Reports Manual
	256-910-308	A	Documentation Guide
	256-910-309	A	Italcable System Manual V1

Italtel Italcable Phase 2 NCP Intelligent Network User Documentation

■	256-910-311	A	NCP Users Manual
	256-910-312	H	NCP 3.2 NSPS Application Commands Manual V1
	256-910-313	G	NCP Application Commands Manual V1
	256-910-314	G	NCP NSPS Reports Manual
	256-910-315	H	NCP Application Reports Manual 3.2
	256-910-316	I	NCP Operation and Administration Manual 3.2
	256-910-317	I	NCP Routine/Corrective Maintenance Guide 3.2
■	256-910-318	1	Intelligent Network Documentation Guide
■	256-910-319	1	Intelligent Network Systems Manual Italcable Intelligent

Korea NCP User Documentation

■	256-911-302	B	NCP NSPS Commands Manual
■	256-911-303	B	NCP Commands and Reports Applications Commands Manual
■	256-911-304	B	NCP NSPS Reports Manual
■	256-911-305	B	NCP Commands and Reports Applications Reports
■	256-911-306	B	NCP Operations and Administration
■	256-911-307	B	NCP Routine and Corrective Maintenance
■	256-911-308	1	Intelligent Network — Documentation Guide
■	256-911-309	1	Intelligent Network — Systems Manual

Spain Virtual Private Network (VPN) 4.1

	256-911-502	C	NCP 4.1 NSPS Commands and Reports Manual
	256-911-503	D	NCP 4.1 Application Commands Manual
	256-911-504	C	NCP 4.1 NSPS Reports Manual (2 Vols.)
	256-911-505	C	NCP 4.1 Application Reports Manual
	256-911-506	D	NCP 4.1 Operations and Administration Manual
	256-911-507	C	NCP 4.1 Routine and Corrective Maintenace Guide V1

SCP II International

Italy (SIP) - SCP II 5.1 Documentation

	256-912-032	E	SCP II 5.1 Node Support System Commands Manual
	256-912-033	B	SCP II 5.1 Application Commands Manual

Number	Issue	Subject
256-912-034	E	SCP II 5.1 Node Support System Reports Manual
256-912-035	D	SCP II 5.1 Application Reports Manual
256-912-036	C	SCP II 5.1 Operations and Administration Manual
256-912-037	E	SCP II 5.1 Routine and Corrective Maintenance Manual
Teleway Japan SCP II Documentation		
256-912-052	E	SCP II 5.1 NSPS Commands Manual
256-912-053	C	SCP II 5.1 Application Commands Manual
256-912-054	E	SCP II 5.1 NSPS Reports Manual
256-912-055	D	SCP II 5.1 Application Reports Manual
256-912-056	D	SCP II 5.1 Operations and Administration Manual
256-912-057	E	SCP II 5.1 Routine and Corrective Maintenance Manual
■ 256-912-058	1	Intelligent Network Documentation Guide
■ 256-912-059	1	Intelligent Network Systems Introduction
Taiwan SCP II Documentation		
256-912-062	C	SCP II 5.1 NSPS Commands Manual
256-912-063	C	SCP II 5.1 Application Commands Manual
256-912-064	D	SCP II 5.1 NSPS Reports Manual
256-912-065	C	SCP II 5.1 Application Reports Manual
256-912-066	B	SCP II 5.1 Operations and Administration Manual
256-912-067	D	SCP II 5.1 Routine and Corrective Maintenance Manual
■ 256-912-068	1	Intelligent Network Documentation Guide
■ 256-912-069	2	Intelligent Network 9.2 System Introduction
256-920 STP (Signal Transfer Point) International Documents		
■ 256-920-100AC	1	Product Release Document for Signal Transfer Point International Operations Division

Number	Issue	Subject
256-930 NSCX for International		
United Kingdom		
256-930-001	A	NSCX UK Commands and Reports Manual
256-930-002	A	NSCX UK Operation and Maintenance Manual
256-930-003	A	NSCX UK Hardware Manual
256-930-004	A	NSCX UK Functions Manual
256-930-010	A	NSCX UK Users Manual
Spain		
■ 256-930-101	D	NSCXCR Command Reports Manual
■ 256-930-102	D	NSCX Users Manual
Teleway Japan		
256-930-211	1	NSCX Commands and Reports Manual
256-930-212	1	NSCX Operations and Maintenance Procedures
256-930-213	1	NSCX Hardware Manual
256-930-214	1	NSCX Functions Manual
Teleway Taiwan		
■ 256-930-221	1	NSCX Commands and Reports Manual
■ 256-930-222	1	NSCX Operations and Maintenance Procedures
■ 256-930-223	1	NSCX Hardware Manual
■ 256-930-224	1	NSCX Functions Manual
Korea		
256-930-301	A	Commands and Reports Manual
256-930-302	A	Operation and Maintenance Manual
256-930-303	A	Hardware Manual
256-930-304	A	Functions Manual

Division 270

Advanced Intelligent Network (A-I-Net®) Products

270-0 Indexes and Information Releases
-099 Customer Information Releases (CIRs)

270-7 Advanced Intelligent Network (A-I-Net®) Products
-700 General
-710 A-I-Net Service Development
-720 A-I-Net Service Support
-730 A-I-Net Service Circuit Node (SCN)
-740 A-I-Net Service Control Point (SCP)
-750 A-I-Net Signal Transfer Point (STP)
-760 StarServer® FT Release 4.1 A-I-Net Service Circuit Node (SCN)
-770 StarServer FT Release 4.1 A-I-Net Service Control Point (SCP)

Number	Issue	Subject

270-0 Index

270-0 Indexes and Information Releases

270-000-000	11	Numerical Index — Division 270 — Advanced Intelligent Network (A-I-Net®) Products (5-95)

270-099 Customer Information Releases (CIRs)

■ 270-099-001	1	Spares Exchange Service for A-I-Net Service Circuit Node and Service Control Point Products (10-94)
■ 270-099-002IR	10/94	Automatic Speech Recognition (ASR) Images for A-I-Net Service Circuit Node (SCN) Product

270-7 Advanced Intelligent Network (A-I-Net®) Products

270-700 General

■ 270-700-010	1	A-I-Net Documentation Road Map (8-94)
■ 270-700-015	2.00	A-I-Net Feature Handbook
■✇270-700-100	1.00	A-I-Net Products On-Line Documentation — UNIX Tape (1-95)
■✇270-700-101	1.00	A-I-Net Products On-Line Documentation — CD-ROM (1-95)
■✇270-700-102	1.00	A-I-Net Products On-Line Documentation — UNIX CD-ROM (Release 4) (1-95)
■✇270-700-103	1.00	A-I-Net Products On-Line Documentation — UNIX Tape (Release 5) (5-95)
■✇270-700-104	1.00	A-I-Net Products On-Line Documentation — CD-ROM for Windows (Release 5) (5-95)
■✇270-700-105	1.00	A-I-Net Products On-Line Documentation — UNIX CD-ROM (Release 5) (5-95)

270-710 A-I-Net Service Development

Service Creation Environment (SCE)

■ 270-710-010	4	SCE System Description (8-94)
■✇270-710-012	3.2	SPA Development Process (4-95)
■ 270-710-014	5	SCP Actions and Events (3-95)
■ 270-710-016	4.01	SCN Actions and Events
■ 270-710-018	4	Using A-I-Net Network Programming Languages: SLL and DGL (8-94)
■ 270-710-028	5.00	SCE System Administration Guide (8-94)
■ 270-710-029	1	Using SCE Tools

Base Application Development Environment (BADE)

■ 270-710-110	2	Introducing the Base ADE (8-94)
■ 270-710-112	2.01	Using Base ADE Tools (12-94)
■ 270-710-114	2	Source, Executables, and Library Routines (8-94)
■ 270-710-116	2	Writing Service Circuit Handlers (8-94)
■ 270-710-124	2	Managing the Action Executor (AEX) Library (10-94)
■ 270-710-228	1	Using SCE Tools (Release 2)
■ 270-710-229	1	Using SCE Tools (Release 3)
■ 270-710-230	1	Using SCE Tools (Release 4) (8-94)
■ 270-710-231	1	Using SCE Tools (Release 5) (5-95)

TACSVAS

■ 270-710-302	1.01	TACSVAS Operations, Administration, and Maintenance

Number	Issue	Subject
270-720 A-I-Net Service Support		
A-I-Net Service Management System (SMS)		
■ 270-720-310	1	A-I-Net SMS Operations, Administration, and Maintenance (1-95)
■ 270-720-311	1	A-I-Net SMS Service Management Guide (1-95)
270-730 A-I-Net Service Circuit Node (SCN)		
General		
■ 270-730-010	4	SCN System Description (8-94) Note: Supports StarServer FT R2
■ 270-730-012	1	SCN Technical Specifications (Release 2)
■ 270-730-013	1	SCN Technical Specifications (Release 3)
■ 270-730-014	1	SCN Technical Specifications (Release 4) (8-94) Note: Supports StarServer FT R2
Engineering and Administration		
■ 270-730-210	4	SCN Building Engineering Guidelines (8-94) Note: Supports StarServer FT R2
■ 270-730-211	2	SCN Traffic Engineering Guidelines (8-94)
■ 270-730-214	2.01	SCN Network Administration
■ 270-730-222	1	SCN Equipment Engineering And Ordering Guidelines (Release 2)
■ 270-730-223	1	SCN Equipment Engineering And Ordering Guidelines (Release 3)
■ 270-730-224	1.01	SCN Equipment Engineering And Ordering Guidelines (Release 4) (12-94) Note: Supports StarServer FT R2
Installation		
■ 270-730-311	1	SCN Retrofit and Growth Procedures (Release 2)
■ 270-730-312	1.01	SCN Retrofit and Growth Procedures (Release 3)
■ 270-730-313	1	SCN Retrofit and Growth Procedures (Release 4) (8-94) Note: Supports StarServer FT R2
■ 270-730-314	1	SCN Retrofit and Growth Procedures (Release 5) for the StarServer FT 2 Computer (3-95)
■ 270-730-360	1	SCN Precutover and Cutover Procedures (Release 3)
■ 270-730-361	1	SCN Precutover and Cutover Procedures (Release 4)
Operations		
■ 270-730-401	3.01	SCN SPA Operations, Administration, and Maintenance
■ 270-730-410	5.00	SCN System Operations and Administration (3-95)
■ 270-730-412	6.00	SCN Input Messages (3-95)
■ 270-730-413	6.00	SCN Output Messages (3-95)
■ 270-730-415	2	SCN Recent Change (Release 2)
■ 270-730-416	1.02	SCN Recent Change and Verify (Release 3)
■ 270-730-417	1	SCN Recent Change (Release 4)
■ 270-730-450	2	SCN Asserts Manual (8-94)
■ 270-730-475	1	SCN Host Switch Translations (8-94)
Maintenance		
■ 270-730-510	3	SCN Maintenance Reference Handbook Note: Supports StarServer FT R2
■ 270-730-511	3	SCN Preventive (Routine) Maintenance (8-94) Note: Supports StarServer FT R2
■ 270-730-512	3.01	SCN Corrective Maintenance Note: Supports StarServer FT R2
■ 270-730-513	3.02	SCN System Recovery Note: Supports StarServer FT R2
270-740 A-I-Net Service Control Point (SCP)		
General		
■ 270-740-010	5.00	SCP System Description for the StarServer FT Release 2 Computer (3-95)
■ 270-740-012	1	SCP Technical Specifications (Release 2)
■ 270-740-013	1	SCP Technical Specifications (Release 3)
■ 270-740-014	1	SCP Technical Specifications (Release 4) Note: Supports StarServer FT R2
■ 270-740-015	1.00	SCP Technical Specifications (Release 5) for the StarServer FT Release 2 Computer (3-95)

Number	Issue	Subject
Engineering and Administration		
■ 270-740-210	4	SCP Building Engineering Guidelines (8-94) Note: Supports StarServer FT R2
■ 270-740-211	2	SCP Traffic Engineering Guidelines (8-94)
■ 270-740-214	3	SCP Network Administration (8-94)
■ 270-740-222	1	SCP Equipment, Engineering, and Ordering Guidelines (Release 2)
■ 270-740-223	1	SCP Equipment, Engineering, and Ordering Guidelines (Release 3)
■ 270-740-224	1.01	SCP Equipment, Engineering, and Ordering Guidelines (Release 4) Note: Supports StarServer FT R2
Installation		
■ 270-740-311	1	SCP Retrofit and Growth Procedures (Release 2)
■ 270-740-312	1.01	SCP Retrofit and Growth Procedures (Release 3)
■ 270-740-313	1	SCP Retrofit and Growth Procedures (Release 4) (8-94) Note: Supports StarServer FT R2
■ 270-740-314	1.00	SCP Retrofit and Growth Procedures (Release 5) for the StarServer FT Release 2 Computer (3-95)
■ 270-740-360	1	SCP Precutover and Cutover Procedures (Release 3)
■ 270-740-361	1	SCP Precutover and Cutover Procedures (Release 4)
Operations		
■ 270-740-401	3.01	SCP SPA Operations, Administration, and Maintenance (12-94)
■ 270-740-410	5.00	SCP System Operations and Administration (4-95)
■ 270-740-412	5.02	SCP Input Messages
■ 270-740-413	5.02	SCP Output Messages
■ 270-740-415	2	SCP Recent Change (Release 2)
■ 270-740-416	1.01	SCP Recent Change and Verify (Release 3)
■ 270-740-417	1.01	SCP Recent Change (Release 4) (12-94)
■ 270-740-418	1.00	SCP Recent Change and Verify (Release 5) (3-95)
■ 270-740-450	2	SCP Asserts Manual (8-94)
Maintenance		
■ 270-740-510	4	SCP Maintenance Reference Handbook (8-94) Note: Supports StarServer FT R2
■ 270-740-511	3	SCP Preventive (Routine) Maintenance (8-94) Note: Supports StarServer FT R2
■ 270-740-512	3	SCP Corrective Maintenance (8-94) Note: Supports StarServer FT R2
■ 270-740-513	3	SCP System Recovery (8-94) Note: Supports StarServer FT R2

270-750 A-I-Net Signal Transfer Point (STP) 2000

Number	Issue	Subject
Engineering and Administration		
■ 270-750-201	1	STP Rel. 2 Technical Specifications Guide
■ 270-750-202	1	STP Rel. 2 Engineering Guide NOTE: Not for Coded Distribution
Operations		
■ 270-750-401	1	STP System Description
■ 270-750-402	1	Operations and Maintenance Procedures: Ring and Link
■ 270-750-403	1	Operations and Maintenance Procedures Office, Routing, Network Systems
■ 270-750-404	1	Input Messages
■ 270-750-405	1	Output Messages
■ 270-750-407	1	Reference Manual — Vol 1: Display Pages, Audits — Vol 2: Diagnostics and Programs

270-760 StarServer FT Release 4.1 A-I-Net Service Circuit Node

Number	Issue	Subject
General		
■ 270-760-010	1	System Description (8-94)
■ 270-760-012	1	Technical Specifications (8-94)
Engineering and Administration		
■ 270-760-210	1	Building Engineering Guidelines (8-94)
■ 270-760-224	1.01	Equipment Engineering and Ordering Guidelines (12-94)

Number	Issue	Subject
■ 270-760-225	1.00	A-I-Net SCN Software Release 5.0 Equipment Engineering and Ordering Guidelines for the StarServer FT Release 4.1 Computer (3-95)
Installation		
■ 270-760-311	1.01	Retrofit and Growth Procedures (12-94)
■ 270-760-312	1.00	A-I-Net SCN Software Release 5.0 Retrofit and Growth Procedures for the StarServer FT Release 4.1 Computer (3-95)
Maintenance		
■ 270-760-510	1	Maintenance Reference Handbook (8-94)
■ 270-760-511	1	Preventive (Routine) Maintenance (8-94)
■ 270-760-512	1	Corrective Maintenance (8-94)
■ 270-760-513	1.02	System Recovery

270-770 StarServer FT Release 4.1 A-I-Net Service Control Point

Number	Issue	Subject
General		
■ 270-770-010	2.00	A-I-Net SCP System Description for the StarServer FT Release 4.1 Computer (3-95)
■ 270-770-012	1	Technical Specifications (8-94)
■ 270-770-013	1.00	A-I-Net SCP Release 5.0 Technical Specifications for the StarServer FT Release 4.1 Computer (3-95)
Engineering and Administration		
■ 270-770-210	1	Building Engineering Guidelines (8-94)
■ 270-770-224	1.01	Equipment Engineering and Ordering Guidelines (12-94)
■ 270-770-025	1.00	A-I-Net SCP Release 5.0 Equipment Engineering and Ordering Guidelines for the StarServer FT Release 4.1 Computer (3-95)
Installation		
■ 270-770-311	1	Retrofit and Growth Procedures (8-94)
■ 270-770-312	1.00	A-I-Net SCP Release 5.0 Retrofit and Growth Procedures for the StarServer FT Release 4.1 Computer (3-95)
Maintenance		
■ 270-770-510	1	Maintenance Reference Handbook (8-94)
■ 270-770-511	1	Preventive (Routine) Maintenance (8-94)
■ 270-770-512	1	Corrective Maintenance (8-94)
■ 270-770-513	1.01	System Recovery

Division 300

Transmission Systems and Testing Cross-Reference List

300-0 Indexes and Cross-Reference List

-000 Index
-020 Cross-Reference List
-099 Customer Information Release (CIR)
-100 CD-ROM Media Documentation

Number	Issue	Subject
300-0 Indexes and Cross-Reference List		
300-000 Index		
300-000-000	23	Numerical Index — Division 300 — Transmission Systems and Testing — Cross- Reference List
300-020 Cross-Reference List		
300-020-006	19	E Series to Plant Series
300-020-007	10	AB Series to Nine-Digit Numbering Plan
300-099 Customer Information Release (CIR)		
300-099-001	1	Electronic Documentation for Transmission System Products

Number	Issue	Subject
300-100 CD-ROM Media Documentation		
✇300-100-010	1	Transmission Systems (CD-ROM) Note: This includes 300-100-011 through 300-100-019
✇300-100-011	1	SLC® Series 5— Does Not Include GTE Documents (CD-ROM)
✇300-100-012	1	SLC®-2000 (CD-ROM) Access System
✇300-100-013	1	DDM-Plus (CD-ROM)
✇300-100-014	1	DDM-1000 (CD-ROM)
✇300-100-015	1	DDM-2000— Includes OC-3 and OC-12— (CD-ROM)
✇300-100-016	1	FT-2000 (CD-ROM)
✇300-100-017	1	DACS II— PDS 24 Domestic (CD-ROM)
✇300-100-018	1	DACS III-2000 (CD-ROM)
✇300-100-019	1	DACS IV-2000 (CD-ROM)
✇300-100-020	1	CD ROM All Access Products
✇300-100-021	1	CD ROM DACSCAN™ C MOD
✇300-100-022	1	CD ROM DACSCAN T MOD
✇300-100-023	1	CD ROM I 2000
✇300-100-030	1	CD ROM All Transport Products

Division 301

Transmission PerformanceMeasurement Plans

301-0 Index

301-1 Trunk Transmission Maintenance Measurement Plans

- **-121 Loss Component**
- **-122 Noise Component**
- **-123 Balance Component**
- **-124 Mechanized Summary Procedure**
- **-133 Balance Survey Methods**
- **-140 Network Trunk Transmission Measurement Plan**

301-2 Connection Appraisal Plans

- **-200 Connection Appraisal Index**

Number	Issue	Subject
301-0 Index		
301-000-000	50	Numerical Index — Division 301 — Transmission Performance — Measurement Plans
301-1 Trunk Transmission Maintenance Measurement Plans		
Addendum	1	
301-120-100	2	General Description
301-120-500	4	Trunk Transmission Maintenance Index — Manual Summary Procedures
301-121 Loss Component		
Addendum	1	
301-121-100	2	General Description
Addendum	1	
301-121-300	2	Index Tables
Addendum	1	
301-121-500	4	Manual Summary Procedures
301-122 Noise Component		
Addendum	2	
301-122-100	1	General Description 1
301-122-300	2	Index Tables
Addendum	1	
301-122-500	3	Manual Summary Procedures
301-123 Balance Component		
301-123-100	5	General Description
301-123-300	2	Index Tables 1
301-123-500	4	Manual Summary Procedures
301-124 Mechanized Summary Procedure		
301-124-100	1	General Description
301-124-110	1	Description of Outputs 1
301-133 Balance Survey Methods		
301-133-100	4	General Description
301-133-500	3	Survey Procedures
301-140 Network Trunk Transmission Measurement Plan		
301-140-100	1	General Description
301-140-110	1	Manual Trunk Transmission Tests — Summarization Procedures
301-140-120	1	Outgoing Trunk Transmission System and Automatic Transmission Measuring System — Summarization Procedures
301-140-130	1	Centralized Automatic Reporting on Trunks — Issue 2 (2CAROT2) Summarization Procedures
301-140-140	1	Centralized Automatic Reporting on Trunks — Issue 3 (2CAROT3) Summarization Procedures
301-140-150	1	NTTMP Data Transformation
301-2 Connection Appraisal Plans		
301-200 Connection Appraisal Index		
301-200-100	3	Network Interoffice Transmission Measurement Plan Description

Division 304

Transmission Data

304-0 Index, General Information and Computation Aids

304-1 Open Wire, Multiple Wire and Cable Data

304-2 Equipment Data

304-3 Insertion Loss, Reflection Loss, Circuit Junction Loss, and Transducer Loss Data

304-4 Return Loss Data

304-5 Crosstalk Data

304-6 Systems Data

Number	Issue	Subject

304-0 Index, General Information and Computation Aids

304-000 Index

304-000-000	25	Numerical Index — Division 304 — Transmission Data

304-001 Test Line Directories

304-001-100	2	Transmission Losses Introduced by Reflection Effects

304-005/010 Computation Aids

304-005-100	1	Relation Between dB and Power Ratio — Gains
304-006-100	1	Relation Between dB and Voltage or Current Ratio — Gains
304-007-100	1	Combination of Two Quantities in Decibels
304-008-100	1	Reflection Losses — Decibels
304-008-101	1	Alignment Chart for Reflection Losses — Decibels
304-009-100	1	Charts for Evaluation of Complex Quantities
304-010-100	1	Sampling — Table of Random Decimal Digits

Number	Issue	Subject

304-015/022 Charts for Determination of Input Impedance of Cables

Input Impedance of Non-Loaded Cable with any Termination

304-015-100	2	General
304-016-100	1	19 Gauge — ANB, DNB
304-017-100	1	19 Gauge — CNB, ENB
304-018-100	1	22 Gauge ASA, BSA, CSA
304-019-100	1	24 Gauge ASM, CSM
304-020-100	1	24 Gauge DSM
304-021-100	1	26 Gauge BST

Input Impedance of Loaded and Non-Loaded Cable — Arbitrary Lengths and Gauges

304-022-100	1	Determination of Input Impedance of Loaded and Non-Loaded Lines of Arbitrary Lengths and Terminations

304-1 Open Wire, Multiple Wire and Cable Data

304-100/106 Open Wire Transmission Data

Addendum	4	
304-100-100	1	Transmission Characteristics of Open Wire Circuits

Open Wire Losses at 1000 Cycles

304-101-100	3	Dry Weather Loss at 68 F°

Open Wire Losses at Carrier Frequencies

304-102-100	4	Wet Weather Loss
304-102-101	2	Wet Weather Losses — 155 to 410 Kilocycles — Copper or Copper-Steel Wire
304-102-102	2	Dry Weather Losses
304-102-103	2	Dry Weather Losses — 155 to 410 Kilocycles — Copper or Copper-Steel Wire

Open Wire Impedance, Attenuation and Phase

304-105-100	1	104, 128 and 165 mil Copper — 12 Spacing — S and P
304-105-101	1	104, 128 and 165 mil Copper — 6 and 8 Spacing — S
304-105-102	2	80, 104-128 and 165 mil Copper-Steel (40) — 12 Spacing — S and P

Number	Issue	Subject
304-105-103	2	80, 104, 128 and 165 mil Copper-Steel (40) — 8 Spacing — S and P
304-105-104	1	104 and 128 mil Copper-Steel (30) — 8 and 12 Spacing — Side Circuits
304-105-105	1	80 mil Copper, 109 and 134 mil Steel — 12 Spacing S and P

304-110/112 Multiple Wire Transmission Data

Primary and Secondary Constants

304-110-100	2	B Rural Distribution Wire — Primary
304-110-101	2	B Rural Distribution Wire — Secondary
304-111-100	1	B Urban Wire — Primary
304-111-101	1	B Urban Wire — Secondary
304-112-100	1	C Rural Wire — Primary
304-112-101	1	C Rural Wire — Secondary
304-113-100	1	D Underground Wire

304-120/177 Cable Transmission Data

Cable Data

304-120-100	1	Transmission Characteristics of Non- Loaded Toll and Toll Entrance Cable Pairs

Primary and Secondary Constants

304-130-100	2	16 Gauge NH-TH — Primary
304-130-101	2	16 Gauge TH — Secondary
304-131-100	3	19 Gauge ANB, DNB, GNB Primary
304-131-101	3	19 Gauge ANB, DNB, GNB Secondary
304-131-102	1	19 Gauge ANB, DNB — Hyperbolic Functions of Propagation Constants
304-132-100	3	Primary Constants of Nonloaded Cable — 19 Gauge CNB, ENB, FNB
304-132-101	3	Secondary Constants of Nonloaded Cable — 19 Gauge CNB, ENB, FNB
304-132-102	1	19 Gauge CNB, ENB, Hyperbolic Functions of Propagation Constants
304-133-100	3	Primary Constants of Non-Loaded Cable — 22 Gauge ASA, BSA, CSA, DSA, ESA
304-133-101	3	Secondary Constants of Non-Loaded Cable — 22 Gauge ASA, BSA, CSA
304-133-102	1	22 Gauge ASA, BSA, CSA — Hyperbolic Functions of Propagation Constants
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Division 309

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Division 310

Non-Switched Special Services System

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Division 311

Switched Special Services Systems

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* General DataComm is a registered trademark of General DataComm Industries, Inc.

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314-620-150	1	ACCULINK® 756 Manual (Document Set Contains Service, Reference and User Guides)
314-620-151	1	764 ACCULINK Multiplexers — AFN Reference Manual
314-620-152	3	764 ACCULINK Multiplexers — AFN User's Manual
314-620-153	1	756 ACCULINK Multiplexers — AFN Service Manual
ACCULINK Bandwidth Controller (ABC)		
314-620-300	5	ACCULINK Bandwidth Controller — Systems Guide
314-620-301	5	ACCULINK Bandwidth Controller — Operating Guide (Version 4)
Addendum	10/94	
314-620-302	5	ACCULINK Bandwidth Controller — Application and Release Notes (Version 4)
314-620-303	2	ACCULINK Bandwidth Controller — RPM Operating Guide Ver. 3
314-620-304	1	ACCULINK Bandwidth Controller MAX Operating Guide Version 1
314-620-305	1	ACCULINK Bandwidth Controller MAX System Guide Version 1
314-620-306	1	ACCULINK Bandwidth Controller MAX Application and Release Notes

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ACCULINK Network Termination Units		
314-620-400	1	240 ACCULINK Network Termination Unit (NTU) User Manual (4-94)

314-622 Statistical Multiplexers

314-622-110	--	721M - Statistical Multiplexer - Document Set NOTE: Consist of Reference, Service and User's Manuals.
314-622-111	2	721M - Statistical Multiplexer - Reference Manual
314-622-112	2	721M - Statistical Multiplexer - Service Manual
314-622-113	2	721M - Statistical Multiplexer - Service Manual
314-622-120	--	721S - Statistical Multiplexer - Document Set NOTE: Consist of Reference, Service and User's Manuals
314-622-121	1	721S - Statistical Multiplexer - Reference Manual
314-622-122	1	721S - Statistical Multiplexer - Service Manual
314-622-123	1	721S - Statistical Multiplexer - User's Manual
314-622-130	--	722M - Statistical Multiplexer - Document Set NOTE: Consist of Reference, Service and User's Manuals
314-622-131	1	722M - Statistical Multiplexer - Reference Manual
314-622-132	1	722M - Statistical Multiplexer - Service Manual
314-622-133	1	722M - Statistical Multiplexer User's Manual
314-622-140	--	722N - Statistical Multiplexer - Document Set NOTE: Consist of Reference, Service and User's Manuals
314-622-141	1	722N - Statistical Multiplexer - Reference Manual
314-622-142	1	722N - Statistical Multiplexer - Service Manual
314-622-143	1	722N - Statistical Multiplexer - User Manual
314-622-159	1	722N - Statistical Multiplexer - Release Notes NOTE: Reference, Service and User's Manual

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314-624 T1 Multiplexers

	314-624-100	3	T1/E1 Multiplexer — Reference Manual
	314-624-101	3	740/742 ACCULINK T1 Multiplexer — User Manual
	314-624-102	1	740 ACCULINK T1/E1 Multiplexer Service Manual
	314-624-103	--	740 ACCULINK T1 Multiplexer Complete Manual Set NOTE: Set includes 314-624-100, -101, and -102
	314-624-104	1	742 ACCULINK T1/E1 Multiplexer Service Manual
	314-624-105	--	742 ACCULINK T1 Multiplexer Complete Manual Set NOTE: Set includes 314-624-100, -101, and -104
	314-624-106	3	740/742 ACCULINK E1 Multiplexer — User Manual
	314-624-107	--	740 ACCULINK E1 Multiplexer Complete Manual Set NOTE: Set includes 314-624-100, -102, and -106
	314-624-108	--	742 ACCULINK E1 Multiplexer Complete Manual Set NOTE: Set includes 314-624-100, -104, and -106

314-640 WLR-1 and WLR-2 Wideband Loop Repeaters

A	Addendum	1	
A	314-640-100	1	WLR-1 and WLR-2 Wideband Loop Repeaters — (10 to 51 Kc) — Description
A	314-640-200	2	WLR-2 Wideband Loop Repeater — Installation
A	314-640-300	2	WLR-1 and WLR-2 Wideband Customer Loop — Initial Line-Up Procedure
A	314-640-500	2	WLR-1 and WLR-2 Wideband Loop Repeaters — (10 to 51 KC) — Trouble- Shooting Procedures and Maintenance Tests

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314-641 WLR-3 Wideband Loop Repeater

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A	314-641-100	1	Description
A	Addendum	1	
A	314-641-200	1	Installation
A	Addendum	1	
A	314-641-300	1	Initial Line-up
A	314-641-500	1	Maintenance

314-642 WLR-4 Wideband Loop Repeaters

A	314-642-100	1	Description
	314-642-200	2	Installation
A	314-642-300	1	Initial Line-up
A	314-642-500	1	Maintenance

314-643 WLR-5 Wideband Loop Repeater

A	314-643-100	2	1 Through 50 kHz — Description
A	Addendum	1	
A	314-643-200	3	1 Through 50 kHz — Installation and Connection
A	314-643-300	2	1 Through 50 kHz — Maintenance
A	314-643-500	3	1 Through 50 kHz — Test Procedures

314-644 Wideband Regenerative Repeater (WRR-1), J70174

A	314-644-100	1	Description and Operation
A	314-644-200	1	Identification and Connections
A	314-644-500	1	Test Procedures

314-645 DATAPHONE Digital Service

	314-645-100	3	DS-1 — Overall Description
	314-645-300	3	DS-1 — Maintenance and Trouble Sectionalization
	314-645-500	2	DS-1 — Test Procedures

314-646 551 ( )-Type Channel Service Unit

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	314-646-001	3	551C-L1 — Description, Installation, and Testing (7-92)
	314-646-002	2	551D-L1 — Description, Installation, and Testing

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314-646-003	2	551E-L1 — Description, Installation, and Testing (8-92)
314-646-100	2	551A — Description
314-646-200	2	Installation and Connections
314-646-300	1	Maintenance
314-646-500	1	Test Procedures

314-647 1.544 MB/S Digital Service

DS1 Digital Service Maintenance System

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314-647-200	2	Installation and Maintenance

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314-715-102	1	104A and 105A Coupling Units
314-715-103	2	Frequency Weighting Network for Noise Measurements
314-715-104	2	Tone Operated Control Circuit — TOCC Per SD-56524-01
314-715-105	1	Description — 71A1 Level Compensator
314-715-500	1	Delay Equalizers for H-44-25-S Cable and Open Wire Circuits
314-715-502	2	Telephotograph Apparatus — Coupling to Telephone Lines
314-715-504	3	Tone-Operated Control Circuit (SD- 56524-01) — Out-of-Service Tests
314-715-505	1	71A1 Level Compensator — Tests and Adjustments

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314-731-100	2	110A Key Equipment — Description, Installation, and Maintenance

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314-810 Station Test Line SD-70926-01

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314-810-300	1	Circuit Order and Routine Tests
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314-811 Station Test Line — 1A Transaction Telephone

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314-811-200	2	Installation and Connections
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◐ 314-901-531	2	Automated Bit Access Test System — Remote Test Procedures
■ 314-901-531 AC	1	Automated Bit Access Test System — Remote Test Procedures
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318-500-570	1	Equipment Unit — SKL Model 831 Automatic Alarm Unit
318-500-571	1	Equipment Units — SKL/7027K and 7037K Dual-Pilot Amplifiers
318-500-580	2	Equipment Unit — TIC Model 2123A-KS Chromatran
318-500-590	1	Over-All Line-Up Procedures
318-500-591	1	Using 211C Amplifiers — Over-All Line-Up Procedures
318-510-100	1	Using LSA-410A or AB Amplifiers — Description
318-510-500	1	Using LSA-410A or AB Amplifiers — Maintenance
318-510-520	3	Using LSA-410A or AB Amplifiers — Equipment Unit — Jerrold* Model LSA-410 Type Amplifiers
318-510-570	1	Using LSA-410A or AB Amplifiers — Equipment Unit — Jerrold Model AR-410 Alarm Unit
318-510-590	1	Using LSA-410A or AB Amplifiers — Over-all Line-up Procedures
318-511-100	1	Equipment Unit — Jerrold Model LSA- 795A Amplifier
318-512-501	1	Equipment Unit — Jerrold Model TML-1 Amplifier
318-512-502	1	Equipment Unit — Jerrold Model — TBA-1 Bridging Amplifier
318-512-503	1	Equipment Unit — Jerrold Model TBA-2 Bridging Amplifier
318-512-504	1	Equipment Unit — Jerrold Model TLE-1 Line Extender Amplifier
318-512-505	1	Equipment Unit — Jerrold Model TAGC-213 Automatic Gain Control Unit
318-512-510	1	Equipment Unit — Jerrold Model RPS-30 Power Supply
318-512-520	2	Equipment Unit — Jerrold Channel Commander — Model COM
318-512-540	1	Equipment Unit — Jerrold Model TLSA-510 Amplifier
318-513-100	1	Equipment Units — Jerrold Solid-State SA(W)-Series Amplifiers and Associated Equipment — General Description
Addendum	1	
318-513-501	1	Equipment Unit — Jerrold Model SA-1 Amplifier
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318-513-502	1	Equipment Unit — Jerrold Model SA-2 Amplifier
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318-513-503	1	Equipment Unit — Jerrold Model SA-3 Amplifier
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318-513-504	1	Equipment Unit — Jerrold Model SA-4 Amplifier
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318-513-505	1	Equipment Unit — Jerrold Model SA-5 Amplifier
318-513-506	1	Equipment Units — Jerrold Plug-In Splitters Models S0-1, S0-2, S0-3, S0-4
318-513-507	1	Equipment Unit — Jerrold Model SX-1 Line Extender Amplifier
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318-513-508	1	Equipment Unit — Jerrold Model SPS-12 Power Supply and SPJ-2 Power Combiner

* Jerrold is a trademark of General Instrument Corporation

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318-513-509	1	Equipment Units — Jerrold Hybrid Splitting Network, Model SHS-2 Jerrold Directional Coupling Networks, Models SDC-8, SDC-12, SDC-16 Jerrold Thermal Equalizer, Model STE
Addendum	1	
318-513-510	1	Equipment Unit — Jerrold Model SA-6A Distribution Amplifier
318-513-511	1	Jerrold Model SLE-1 Line Extender Amplifier — Description, Installation, and Maintenance
318-513-520	2	50- to 220-MHZ Band — Overall Lineup
318-513-521	1	50- to 220-MHZ Band — Overall Maintenance

318-590 Vikoa Type Equipment Units

318-590-500	1	Equipment Units — Vikoa VS-67, VS-68 Amplifiers

318-7 Overall Lineup of Video Facilities

318-700-500	2	Tests and Adjustments
318-700-501	2	Oscilloscope Calibration
318-700-502	2	Multiburst Generator Lineup
318-700-503	2	Video Section of Color Facilities — Routine Lineup Procedure
318-700-504	2	Video Section of Monochrome Facilities — Routine Lineup Procedure
318-700-508	1	Television Systems — Over-All Lineup of Video Facilities — Measurements of Distortion Between 15 KC and 300 KC

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318-715 TD-2 Radio Systems — Differential Gain and Phase

318-715-300	1	Periodic Test Intervals
318-715-500	2	Measurements and Adjustments
318-715-501	1	Video Facilities — Adjustments on TD Radio

318-725 Transmission Impairments on Television Channels

318-725-500	2	Procedure for Locating and Clearing
318-725-501	1	Critical Monitoring Using Video Monitors
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318-725-503	1	Critical Monitoring — Video Test Signals
318-725-504	1	Video Levels
318-725-505	1	Interference
318-725-506	1	Low-Frequency Interference
318-725-507	1	High-Frequency Interference
318-725-508	1	Distortion
318-725-509	2	Low-Frequency Distortion
318-725-510	1	Mid-Frequency Distortion
318-725-511	1	High-Frequency Distortion
318-725-512	1	Video Circuits

Division 320

Program Transmission Systems and Services

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320-1 Post-Divestiture Program Audio Services

320-2 Program Audio Equipment

320-3 Program Audio Testing

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320-001-011	3	ETL
320-007-000	2	Program Transmission National Industry Advisory Committee Emergency Broadcasting System (NIAC EBS)
320-007-001	2	Program Transmission National Industry Advisory Committee Emergency Broadcasting System (NIAC Order 1)
320-007-002	2	Program Transmission National Industry Advisory Committee Emergency Broadcasting System (NIAC Order 2)
320-007-003	1	Program Transmission National Industry Advisory Committee Emergency Broadcasting System (NIAC EBS) NIAC Orders 101-106
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320-100-110	1	Electrical Interfaces and Performance Objectives
320-100-111	1	Standard-Grade — Postdivestiture Electrical Interface and Performance Objectives
320-110 Local Channel		
320-110-100	1	Procedure for Establishing and Maintaining Circuits
320-110-105	1	Equalization of 5-, 8-, and 15-kHz—Program and Wired Music Circuits—General Information
320-110-106	1	Preequalization Tests on 5-, 8-, and 15-KC—Program and Wired Music Circuits
320-110-110	1	Equalization of 5 or 8 kHz—Program and Wired Music Circuits
320-110-115	1	Equalization of 15-kHz Program Circuits
320-110-116	1	Equalization of Nonloaded Cable Circuits to 15 kHz for Program Transmission — Description
320-110-120	1	Stereo Channels—Description
320-110-121	1	Testing Methods — Stereo Channels
320-110-125	1	V4 Repeater Equipment — Description and Lineup
320-120 Program Operating Center (POC)		
320-120-110	1	Program Operating Center — Program Amplifiers and Equalizers —QVF52B and QVF52E Program Equalizer—QVF52D — Description, Initial Adjustments, and Tests
320-120-112	1	QVF52C and H Program Amplifiers — Description and Initial Adjustments — Program Operating Center
320-120-114	1	QVF7D and QVF7E 4-Wire Repeater Units — Description and Initial Adjustments — Program Operating Center
320-120-116	1	QVF52F Program Coil—Description and Installation Program Operating Center
320-120-118	1	Vari-Bump Equalizer Unit QF59A — Description and Initial Adjustments — Program Operating Center
320-120-120	1	QVF60A Program Compressor and QVF60B Program Expandor — Description and Tests — Program Operating Center
320-120-122	1	J8002AR-1 Program Monitor Panel — Description and Installation — Program Operating Center

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320-120-124	1	QVF8A, B, and C — 4-Wire Extension Units — Description, Initial Adjustment, and Tests — Program Operating Center
320-120-126	1	Line Attenuator Unit QVF30A — Description — Program Operating Center
320-120-128	1	Through-Connector Units QVF20A and B—Description—Program
320-120-130	1	Test Extender Units QVF33A, B, and C— Description and Use — Program Operating Center

320-126 Voice Frequency Facilities

320-126-100	1	Description
320-126-500	2	Tests and Adjustments

320-130 Long Haul Carrier

320-130-125	1	Analog 15-kHz, Dual-Channel Terminal — Program Transmission Lineup and Testing — Long-Haul Carrier

320-140 Short Haul Carrier

320-140-110	1	Types 6004 and 6005 — Program Channels on N1 Carrier System — Description
320-140-111	1	N Carrier Types 6004 and 6005 — 5-kHz Program Terminal — General Description
320-140-112	1	Types 6004 and 6005 — 5-kHz Program Channels on N1 Carrier Systems — Test Intervals
320-140-113	1	Types 6004 and 6005 — Program Channels on N1 Carrier System — Tests and Adjustments

320-190 Classes of Program Audio Service

320-190-105	1	Types 6002 and 6003 Program Channels — Operation and Maintenance
320-190-115	1	Types 6002 and 6003 Program Facilities Using Carrier Telephone Systems — Description
320-190-116	1	Types 6002 and 6003 Program Facilities Using Carrier Telephone Facilities — Tests and Adjustments
320-190-121	1	Type 6001 Program Circuits—Operation and Maintenance
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320-200 Amplifier-Equalizer (Repeater)

320-200-100	1	KS-20312, L1 Program Amplifier — Description — Program Audio Equipment
320-200-101	1	Program Audio Equipment — KS-20312, L1 — Program Amplifier — Tests
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320-235 Program Switching

320-235-100	1	Description of Switching Equipment
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320-240 Monitoring Arrangements

320-240-100	1	Description
320-270-100	1	ATP6 Remote Amplifier Power Supply and J99401A, B, and D Shelf Mounting Arrangements — Description — ATP3 Program Amplifier System

320-3 Program Audio Testing

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320-300-100	1	Program Audio Testing—Equalization of 5, 8, and 15 KHZ Test Equipment

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320-320 Noise and Crosstalk Tests		
320-320-100	1	Noise and Crosstalk Tests on Program Circuit Units — Program Audio Testing
320-330 Harmonic Distortion		
320-330-100	1	1A Harmonic Distortion Measuring System — Description — Harmonic Distortion
320-330-101	1	Testing Intervals — Harmonic Distortion — 1A Harmonic Distortion Measuring System
320-330-102	1	1A Harmonic Distortion Measuring System — Testing Methods and Procedures — Harmonic Distortion
320-340 Volume Measurements		
320-340-100	1	Volume Measurements — Volume Measurements of Electrical Speech and Program Waves
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Division 330

Cable and Open-Wire Testing and Trouble Location Methods

330-0 Indexes and General Information

330-2 Coaxial Cables

330-3 Exchange-Area and Subscriber Cables

330-4 Trouble Location Methods Using Voice-Frequency Sweep Test Sets

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330-000-000	19	Numerical Index — Division 330 — Cable and Open-Wire Testing and Trouble Location Methods
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330-200 Preparation and Completion Tests		
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330-200-501	1	L1 and L3 Coaxial Conductors
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330-200-502	1	L4 Coaxial Conductors
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330-300 Completion Tests		
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330-450 Trouble Location Methods		
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330-450-102	2	Tests on Subscriber Cable Pairs
330-450-501	1	Tests at #14 Test Desks or Equivalent
330-450-502	1	Tests at Master Test Frames in No. 5 XB Offices
330-450-503	1	Tests at SXS Test Distributors
330-450-504	1	Tests at the Main Distributing Frame
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330-450-506	1	Tests and Trunk Ringing Circuit Appearances at the Main Frame
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330-450-507	1	Detailed Analyses

Division 331

Transmission and Noise Testing, Central Office PBX CustomerLines and Equipment

331-0 Indexes

331-1 Basic Principles — Noise

331-2 Noise Measurements — Requirements and Procedures

331-7 Central Office Noise

331-8 PBX Lines and Subscriber Loops — Transmission Noise Testing

331-0 Indexes and Equipment Test Lists

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331-1 Basic Principles — Noise

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331-100-100	2	Message Circuit and C-Notched — General Information
331-100-101	2	Impulse Noise — General Information

331-2 Noise Measurements — Requirements and Procedures

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331-700-110	1	Cross-Office Noise — Testing Methods — Selecting a Sample
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331-700-501	1	Cross-Office Noise Testing Methods — Step-by-Step
331-700-502	1	Cross-Office Noise — Testing Methods — Panel Offices
331-700-503	1	Cross-Office Noise — Testing Methods — No. 1 Crossbar Offices
331-700-504	1	Cross-Office Noise — Testing Methods — No. 5 Crossbar Offices
331-700-505	1	Cross-Office Noise — Testing Methods — No. 1 ESS™ Offices
331-701-500	1	Impulse Noise — Central Office Test Procedures and Investigation
331-701-501	1	Battery Supply Noise — Procedures for Making and Evaluating Noise Measurements on Central Office Battery Supplies

331-8 PBX Lines and Subscriber Loops — Transmission Noise Testing

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331-850-501	4	Noise Measurements on Two-Wire Subscriber Loops — Methods and Requirements — At Stations
331-850-502	1	Methods for Identifying and Correcting Inductive Noise Troubles on Subscriber Lines
331-850-505	6	Noise Measurements on 2-Wire Subscriber Loops — Methods and Requirements — At No. 5 Crossbar Central Offices
331-850-506	4	Noise Measurements on 2-Wire Subscriber Loops — Methods and Requirements — At SXS Central Offices
331-850-507	4	Noise Measurements on 2-Wire Subscriber Loops — Methods and Requirements — At No. 1 Crossbar Central Offices
331-850-508	4	Noise Measurements on 2-Wire Subscriber Loops — Methods and Requirements — At Panel Central Offices

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331-850-509	3	Noise Measurements on 2-Wire Subscriber Loops — Methods and Requirements — At No. 1 Electronic Switching System Central Offices

Division 332

Voice-Frequency Telephone Repeaters,Pilot Wire Regulators, Echo Cancellers/Suppressors, Composite Sets, and Associated Equipment

332-0 Index, Equipment Test List, and General Information

332-1 Amplifier Type Telephone Repeaters

332-2 Negative Impedance Repeaters and Impedance Compensators

332-3 Customer Loops — Long Route Design

332-4 Pilot Wire Regulators, Echo Cancellers/Suppressors, Toll Conference Grouping Circuits, and Auxiliary Equipment

332-6 Voice-Frequency Consolidated Equipment Arrangements

332-7 4-Wire Extension

332-8 4-Wire Terminating Sets and Precision Balancing Networks

332-9 Combined Transmission and Signaling Repeaters

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332-000-000	90	Numerical Index — Division 332 — Voice- Frequency Telephone Repeaters, Pilot Wire Regulators, Echo Cancellers/Suppressors, Composite Sets, and Associated Equipment (2-95)
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332-001-011	4	Equipment Test List
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332-005 Metallic Facility Terminal Data Sheets		
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332-005-108	1	J99343AK LSR (LSO) MTSRL37B
332-005-112	1	J99343BC-1,L1 2-Wire Transmission Unit
332-005-113	1	J99343BD-1,L1 4-4 Wire Transmission Unit
332-005-114	1	J99343BE-1,L1 2-4 Wire Transmission Unit (900 Ohm)
332-005-115	1	J99343BF-1,L1 2-4 Wire Transmission Unit (600-Ohm)
332-005-116	1	J99343BG-1,L1 4-4 Wire Passive Transmission Unit With Sealing Current
332-005-117	1	J99343BL Dual 2-Wire Impedance Compensation Network MTZN100A
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332-005-124	1	J99343CE Loop Signaling Extender Unit MTSX412
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332-005-127	1	J99343EA-1,L1 Code Select Ringdown Signaling Unit
332-005-128	1	J99343EB-1,L1 Ringdown Converter Signaling Unit
332-005-129	1	J99343EC-1,L2 Private Line Automatic Ringdown Signaling Unit
332-005-131	1	J99343FA-1,L2 Loop Start to DX or E&M Signaling Converter
332-005-132	1	J99343FB-1,L1 DX or E&M to Loop Start Signaling Converter
332-005-133	1	J99343FC-1,L1 GRD ST to DX or E&M Signaling Converter
332-005-134	1	J99343FD-1,L1 DX or E&M to GRD Start Signaling Converter
332-005-137	1	J99343GA-1,L1 Loop Start Only/2 Wire (LSO/2W) Transmission Unit
332-005-138	1	J99343GB,L2 2-2 Wire Term (L)/LSE CFU MTC2210A
332-005-139	1	J9934GC LSR (LSO)/2-2 I (L-L)
332-005-140	1	J99343GD LSR (LSO)/2-2 I (L-NL) Combined Function Unit MTC2130A

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332-005-141	1	J99343GE 2-2 Wire Term RPTR (NL)/LSE CFU MTC2241A
332-005-150	1	J99343HA-1,L1 DX1-DX2/4-4 Wire Terminal Repeater
332-005-151	1	J99343HB DX1/4-4 Wire Term RPTR CFU MTC4320A
332-005-153	1	J99343SF-1,L1 Single Frequency Signaling Unit — 4-Wire Intermediate Repeater
332-005-154	1	J99343SG SF SIG/4-4 Wire RPTR CFU MTC4210A
332-005-155	1	J99343JB PLAR 2-Wire Combined Function Unit — MTTS100
332-005-158	1	J99343PB-1,L3 2-2 Wire Terminal (NL) Repeater
332-005-161	1	J99343PD-1,L3 2-2 Wire Intermediate (NL-NL) Repeater
332-005-165	1	J99343PG-1,L2 2-2 Wire Terminal (Loaded) Repeater
332-005-167	1	J99343PH-1,L2 2-2 Wire Intermediate Repeater (L-L)
332-005-169	1	J99343PJ-1,L2 2-2 Wire Intermediate (L- NL) Repeater
332-005-172	1	J99343PL,L1 Dual Terminal (L) Repeater MT22A10A
332-005-173	1	J99343PL,L2 Dual Terminal (L) Repeater MT22A10A
332-005-177	1	J99343RA-1,L4, 2-4 Wire Terminal Repeater
332-005-183	1	J99343RF-1,L2, 2-4 Wire Terminal Repeater
332-005-186	1	J99343RJ 4-2 Wire Inter/Term (L-NL) RPTR MT42410A
332-005-187	1	J99343RK 2-4 Wire Inter (L-NL) RPTR MT24610A
332-005-193	1	J99343SC 4-4 Transmission/Intermediate Repeater MT44311
332-005-195	1	J99343SN-1,L1 Voice Frequency Amplitude and Delay Equalizer
332-005-196	1	J99343SD 4-4 Wire T/1 Repeater Plus Sealing Current MT44321
332-005-200	1	ATP-3 Program Amplifier
332-005-201	1	ATP-4 600/900 Ohm DC Bypass Unit MTPM1B0A
332-005-202	1	ATP-5 Bypass Test Unit MTPM1C0A
332-005-203	1	ATP 11 Dual 2-Wire Maintenance Terminal Unit MTTMD00A
332-005-210	1	J99343GF L2, 2-2 Wire (L-L) Repeater/LSR (LSO) CFU MTC2122A — Data Sheet
332-005-211	1	J99343GH 2-2 Wire Intermediate Repeater (NL-NL)/LSO CFU— MTC2160
332-005-212	2	J99343GK 2-2 Wire Intermediate Repeater (L/NL)/LSR (LS/GS) CFU MTC2332 — Data Sheet
332-005-213	1	J99343GG,L2 2-2 Wire T(L)— I(L-NL)/LSO CFU MTC2131A
332-005-214	2	J99343GJ 2-2 Wire (L-L) Repeater/LSR (LS/GS) CFU MTC2122A — Data Sheet
332-005-215	1	J99343GL 2-2 Wire Intermediate Repeater (NL/NL)/(LS/GS) CFU MTC2360
332-005-251	1	J99343SG, L2 Single Frequency Signaling/4-4 Wire Repeater — Combined Function Unit — Data Sheet — MTC4212AAB
332-005-263	1	J99343PR Universal Adaptive Repeater MT22F33BAA
332-005-264	1	J99343GR 2-2 Wire Universal Adaptive Repeater/Loop Signaling — Extender Combined Function Unit MTC2280BAA
332-005-265	1	J99343GS 2-2 Wire Universal Adaptive Repeater/Loop Signaling — Repeater Combined Function Unit MTC2180BAA

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332-005-411	1	BPT10 Dual 2-Wire Maintenance Termination Unit (NCTM100AXX) — Data Sheet
332-005-412	1	BPT20 2-Wire Loop-Start Only Signaling Repeater (NC22100AXX) — Data Sheet
332-005-413	2	BPT21 2-Wire Loop Signaling Repeater — Plus Maintenance (NC22101AXX) — Data Sheet
332-005-414	1	BPT22 2-2 Wire Automatic Terminal Repeater (NC22200AXX) — Data Sheet
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332-005-422	1	BPT40 4-4 Wire Terminal Repeater DX1/DX2 (NC44110AXX) — Data Sheet
332-005-423	1	BPT41 4-4 Wire Term Repeater DX1/DX2 With Maintenance (NC44111AXX) — Data Sheet
332-005-424	1	BPT42 4-4 Wire Terminal Repeater SF Signaling (NC44120AXX) — Data Sheet
332-005-425	1	BPT43 4-4 Wire Terminal Repeater SF Signaling — Plus Maintenance (NC44121AXX) — Data Sheet
332-005-430	1	BPT60 4-4 Wire Data Interface Unit (NCD1000AXX) — Data Sheet
332-005-431	2	BPT62 2/4-4 Wire Data Interface Unit (NCDI010AXX) — BPT62B Wire Data Interface Unit (NCDI050AXX) — Data Sheet
332-005-432	1	BPT63 4-4 Wire Passive Data Interface Unit (NCDI040AXX) — Data Sheet
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332-011-100	1	Repeater Attendant's Telephone Set
332-011-101	1	4-Wire Telephone Order Wire — Hybrid Coil Bridging
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332-015-100	2	Simplified Theory of Singing Point Tests
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332-1 Amplifier Type Telephone Repeaters

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Addendum	1	
332-104-100	1	V4 Telephone Repeater
332-104-102	2	24V4B Telephone Repeater
332-104-103	1	F58122 Amplifier
332-104-104	1	F-60966 Amplifier, Energy Gated — Description
332-104-500	1	Initial Line-Up
332-104-501	2	227 Type Amplifiers — Tests and Adjustments
332-104-503	1	F58122 Amplifier — Tests and Adjustments
332-104-504	1	F-60966 Amplifier, Energy Gated — Installation and Test
332-105-101	2	24V4A Repeater Mounting Shelf — Description
332-105-102	1	24V4B Repeater Mounting Unit — Description
Addendum	1	
332-105-103	2	24V4C Repeater Mounting Shelf — Description
Addendum	1	
332-105-104	1	24V4D Repeater Mounting Shelf — Description
332-106-101	1	44V4A Repeater Mounting Shelf — Description
332-106-102	1	44V4B Repeater Mounting Shelf — Description
332-115-101	1	849A Network — Description
332-115-102	1	849B Network — Description
332-115-103	1	849C Network — Description
332-115-104	1	849D Network — Description
332-115-105	1	849E Network — Description
332-115-106	1	849F Network — Description
332-115-107	1	849G Network — Description
332-115-108	1	849H Network — Description
332-115-109	1	849J Network — Description
332-116-101	2	359A Equalizer — Description
332-116-102	2	359B Equalizer — Description
332-116-103	1	359C Equalizer — Description
332-116-104	2	359D Equalizer — Description
332-116-105	1	359E Equalizer — Description
332-116-106	2	359F Equalizer — Description
332-116-107	1	359G Equalizer — Description
332-116-108	1	359H Equalizer — Description
332-116-109	1	359J Equalizer — Description
332-116-110	1	359K Equalizer — Description
332-116-111	1	359L Equalizer — Description
332-116-112	3	359M Equalizer — Description
332-116-113	1	359N Equalizer — Description

Number	Issue	Subject
332-116-114	1	359P Equalizer — Description
332-116-115	1	359R Equalizer — Description
332-116-201	3	Strapping Charts for 359A and 359D Equalizers or 4182C Networks
332-116-214	1	Strapping Charts for 359P Equalizer When Using 227A, B, C, D, E or F Amplifiers
332-117-101	2	648A Filter — Description
332-119-101	1	332A Relay — Description
332-119-102	1	333A Relay — Description
332-119-103	1	333A Relay — Description
332-120-100	1	424V4B Repeater Mounting Shelf — Description
332-121-100	1	3-Way 4-Wire Bridging Repeater — Description
332-121-101	1	3-Way 4-Wire Bridging Repeater — Test Extender — Description
332-121-110	1	4251(-) Type Networks — Description
332-121-500	2	J99338CA 3-Way 4-Wire Bridging Repeaters — J99338F and M Bridging Repeaters — Tests and Adjustments
332-122-100	1	4-Wire Bridging Repeaters (J99338F and M) for Traffic Service Position System SD-7C022-01 — Description
332-130-100	1	306A Repeater Unit — Description
332-130-101	1	4229A Network — Description
332-131-100	1	Voice Operated Switched Gain Repeater — Description
332-131-500	1	Voice Operated Switched Gain Repeater — Test and Adjustment
332-140-100	1	215A Repeater — Description
332-140-200	1	215A Repeater — Installation and Maintenance

332-2 Negative Impedance Repeaters and Impedance Compensators

E Type Repeaters

Number	Issue	Subject
332-200-000	3	E1 Telephone Repeater — General Information
332-200-100	1	General Information on Placing Repeaters In Service
332-200-101	1	Taking Repeater Out of Service and Analyzing Trouble
332-200-102	1	Taking an E1 or E3 Repeater Out of Service and Preparing for Trouble Analysis
332-200-103	1	Taking E2 or E23 Repeater Out of Service and Preparing for Trouble Analysis
332-200-104	1	General Procedures for Trouble Analysis for a Line Equipped With an E1, E2, E13, or E23 Repeater When Little Gain, No Gain or Poor Transmission is Indicated
332-200-105	1	General Procedures for Trouble Analysis for a Line Equipped With an E1, E2, E13 or E23 Repeater When Instability or Excessive Gain is Indicated
Addendum	1	
332-200-106	1	Network Strapping by Use of Charts — E13 or E23 Bridged Repeaters
332-200-108	1	Application of Test Terminations Using Test Termination Circuit SD-96476-01 or Trunk Terminating and Patching Jacks at Master Test Frame
332-200-300	1	Placing E1 or E13 Repeaters In Service Using E-Repeater Test Set
332-200-301	1	Placing E2 or E23 Repeaters In Service Using E-Repeater Test Set
332-200-302	1	Placing E1 or E13 Repeaters In Service Using 2G Repeater Test Set
332-200-303	1	Placing Repeaters In Service Without the Use of a Repeater Test Set
332-200-500	3	General Information on Tests and Inspections
332-200-501	3	Electron Tubes — Visual Checks, Measurements and Adjustment of Applied Voltages
332-200-502	2	Monitoring Tests
332-200-503	2	Effective Gain Measurement — Method A — Using E Repeater Test and Test Oscillator
332-200-504	2	Effective Gain Measurement — Method B — Using E Repeater Test Set and Noise Generator

Number	Issue	Subject
332-200-505	2	Effective Gain Measurement — Method C — Using 2G Repeater Test Set and Test Oscillator
332-200-506	2	Effective Gain Measurement — Method D — Using 2G Repeater Test Set and Noise Generator
332-200-507	1	Effective Gain Measurement — Method E — Measurements of Gain Peaks and Valleys — Using E Repeater Test Set
332-200-508	1	Effective Gain Measurements — Method F — Measurements of Gain Peaks and Valleys — Using 2G Repeater Test Set
332-200-509	2	Circuit Net Loss Measurement — Method A — Using a Test Oscillator
332-200-511	3	Gain Tests for Repeater in a Standard 600 Ohm Circuit — Method A — Using the E Repeater Test Set
332-200-512	2	Gain Tests for Repeater in a Standard 600 Ohm Circuit — Method B — Using the 2G Repeater Test Set
332-205-100	2	Impedance Compensators — Description
332-205-500	2	Impedance Compensators — Tests and Adjustments
Addendum	1	
332-206-100	1	E6 Repeater
332-206-101	1	E6 Repeater Disabler (J99253L) — Description
332-206-102	1	E6 Repeater Solid-State Disabler SD-97023- 01 — Description
332-206-120	1	Subscriber Loop — Remote Message Repeater — Description
332-206-121	1	830A Network — Description
332-206-122	1	830B Network — Description
332-206-123	1	830C Network — Description
332-206-124	2	830D Network — Description
332-206-125	1	830E Network — Description
332-206-126	1	830F Network — Description
332-206-127	4	830G Network — Description
332-206-128	1	830H Network — Description
332-206-129	1	E6 Range Extender — Description
332-206-130	1	E6B Range Extender — Description and Installation
332-206-131	1	830J Network — Description
332-206-151	1	837A Network — Description
332-206-152	1	837B Network — Description
332-206-153	1	837C Network — Description
332-206-154	2	837D and J99380AA — Description
332-206-155	2	837E and J99380AB — Description
332-206-156	1	837F Network — Description
332-206-157	4	837G and J99380AC — Description
332-206-158	1	837J Network — Description
Addendum	1	
332-206-200	2	E6 Repeater — Alignment Procedure
332-206-221	1	830A Network — Installation and Prescription Settings
332-206-222	1	830B Network — Installation and Prescription Settings
Addendum	1	
332-206-223	1	830C Network — Installation and Initial Settings
332-206-225	1	830E Network — Installation and Prescription Settings
332-206-227	2	830G Network — Installation and Prescription Settings
332-206-228	1	830H Network — Installation and Prescription Settings
332-206-229	1	E6 Range Extender — Installation
332-206-231	1	830J Network — Installation and Prescription Settings
332-206-251	1	837A Network — Installation and Prescription Settings
332-206-252	1	837B Network — Installation and Prescription Settings
332-206-253	1	837C Network — Installation and Prescription Settings
Addendum	1	
332-206-254	2	837D and J99380AA — Installation and Initial Settings
332-206-255	2	837E and J99380AB — Installation and Prescription Settings
332-206-256	1	837F Network — Installation and Prescription Settings
332-206-257	3	837G and J99380AC — Installation and Prescription Settings
332-206-258	1	837J Network — Installation and Prescription Settings

Number	Issue	Subject
332-206-500	2	E6 Repeater — Routine Tests and Adjustments
332-206-520	1	Subscriber Loop — Remote Message Repeater — Maintenance Tests
332-207-100	1	E7 Repeaters — Introduction
332-207-101	1	E7 Repeater — Theory
332-207-121	1	E7 Repeater — Application to MTWX Circuits
332-207-301	1	E7 Repeaters — Line-Up
332-207-311	1	E7 Repeaters — Maintenance
332-208-100	1	Negative Impedance Converter — Description
332-210-100	5	Range Extender With Gain — REG, Lists 1, 2, 3 and 5A REG, 5B REG — Description and Operation
332-210-101	2	Mini-Reg System and 7A Range Extender With Gain — Description and Operation
Addendum	1	
332-210-102	1	8A Range Extender — Coin Reg — Description, Operation, and Installation — (DLXR810MAA)
332-210-500	5	Range Extender With Gain — REG, Lists 1, 2, 3 and 5A REG, 5B REG — Initial Alignment and Tests
332-211-100	1	Signaling Range Extender (SRE) — Description and Operation
332-211-500	1	Signaling Range Extender (SRE) — Operational Tests

332-3 Customer Loops — Long Route Design

332-310-510	1	E6 Repeater Lineup — Subscriber Loops

332-4 Pilot Wire Regulators, Echo Cancellers/Suppressors, Toll Conference Grouping Circuits, and Auxiliary Equipment

Pilot Wire Regulators

Addendum	1	
332-400-100	2	4A Pilot Wire Transmission Regulating System
332-400-300	2	4A and 5A System — Initial Line-Up and Maintenance Procedures
332-400-500	3	4A System — Tests and Adjustments
Addendum	1	
332-401-100	1	5A System — Description
332-401-500	3	5A System — Tests and Adjustments
332-402-100	1	Regulated Circuit Units — Gain Corrections

Echo Suppressors

332-410-101	1	1A Suppressor — With Enabler and Disabler
332-410-102	3	1A Suppressor — Modification for Use on Telephotograph Circuits
332-410-103	1	1A Suppressor — With Enabler and Disabler — Equipped With 326-Type Mercury Relays — Description
332-410-301	2	1A Suppressor — Test From Trunk Terminals
Addendum	1	
332-410-500	5	1A Suppressor and Disabler — Tests and Adjustments
Addendum	1	
332-410-501	1	1A Echo Suppressor and Disabler Equipped With 326-Type Mercury Relays — Tests and Adjustments
332-412-101	2	3A Echo Suppressor — Description
332-412-102	2	3B Echo Suppressor — Description
Addendum	1	
332-412-500	2	3A Echo Suppressor — Lineup
Addendum	1	
332-412-502	2	3B Echo Suppressor — Lineup
❶ 332-413-100	1	2A Echo Suppressor — Description
❶ 332-413-300	1	2A Echo Suppressor — Circuit Order and Maintenance Test Intervals
332-414-100	2	4A Echo Suppressor — Description
332-414-101	1	4A Echo Canceler Logic Unit (J68914AE-1)
332-414-105	1	4A Echo Suppressor — J68914TA Test Extender — Description

	Number	Issue	Subject
	332-414-200	1	4A Echo Suppressor — Installation Tests
	332-414-500	1	4A Echo Suppressor — Trouble Location
	332-414-501	1	4A Echo Canceler Logic Unit (J68914AE-1) — Tests

Signal Processing Systems (SPS)/Echo Cancelers

	332-415-100	1	4B International Echo Canceler — Description, Operation, Installation, and Maintenance
	332-415-110	2	Digital Echo Canceler Model EC32000 — Description and Operation
■	332-415-120AC	3	Asset III (Advanced Switchable Signaling and Echo Canceling Terminal III) — Description, Operation, and Maintenance (9-93)
	Addendum	1	
	332-415-130	3	USEC (Universal Services Echo Canceler) Description, Operation, and Maintenance
■	332-415-135	2	Enhanced USEC (Universal Services Echo Canceler) Description, Operation, and Maintenance (9-93)
■	332-415-136	2	Echo Canceler Universal Users Guide Model 360J Rel 1.1
■	332-415-136JA	2	Echo Canceler Universal Users Guide Model 360J Rel 1.1 Japanese Language Version
	332-415-137	2	Echo Canceler Universal Users Guide European Version Rel 1.1
■	332-415-138	1	Enhanced Universal Service Echo Canceler (USEC) iPCC (individual Per Call Control) Release — Description, Operation, and Maintenance (1-95)

1A Compandor

	Addendum	1	
	332-420-100	1	Description
	332-420-300	1	Circuit Order and Periodic Tests
	332-420-500	2	Testing Methods
	332-421-100	3	N3 Compandor Applique Circuit — General Description
	332-421-500	2	N3 Compandor Applique Circuit — Tests and Adjustments

	Number	Issue	Subject

Toll Conference Grouping Circuits — 6 Outlet Arrangement

	332-430-100	3	Switching Pad Non-Gain and Cord Circuit Repeater Offices
	332-430-300	3	Periodic Tests and Trouble Investigations — Switching Pad Non-Gain and Cord Circuit Repeater Offices

Toll Conference Grouping Circuits — 6 Outlet Arrangement With Repeaters

	332-430-500	3	Tests and Adjustments — Switching Pad Non-Gain and Cord Circuit Repeater Offices
	332-431-100	2	Six Outlet V Repeatered Volcas Arrangement
	332-431-300	2	Periodic Tests and Adjustments — Six Outlet V Repeatered Volcas Arrangement
	332-431-500	3	Six Outlet V Repeatered Arrangement — Tests and Adjustments — Volcas for 22 Type Repeaters Used With Toll Conference Grouping Circuits
	332-432-100	2	Volcas for 22 Type Repeaters Used With Toll Conference Grouping Circuits
	332-432-300	2	Periodic Tests and Trouble Investigation

Toll Conference Grouping Circuits — 6 Outlet Arrangement Without Repeaters

	332-432-500	2	Tests and Adjustments — Non-Repeatered Toll Conference Grouping Circuit
	332-433-100	1	Three Outlet Arrangement — Non- Repeatered
	332-434-100	1	4233A Network — 4-Way, 4-Wire Bridge — Description
	Addendum	1	
	332-435-100	1	Multiport Conference Bridge — Description
	Addendum	1	
	332-435-500	2	Multiport Conference Bridge — Tests and Adjustments — Toll Conference Service
❶	332-436-100	1	Specialized Network Conferencing Systems (SNCS) — Description, Methods of Operation, and Test Procedures

	Number	Issue	Subject
❶	332-436-101	1	Specialized Network Conferencing Systems (SNCS) — Executive Intercompany Conferencing Arrangement (EICA) — Description, Method of Operation, and Test Procedures
❶	332-436-110	1	Specialized Network Conferencing Systems (SNCS) — Pulsecom* Model 1682-1 Time Division Conference Bridge — Description, Methods of Operation, and Test Procedures
❶	332-436-120	1	Specialized Network Conferencing (SNCS) — Conference Control Switching Circuit (CCSC) — Description, Method of Operation, and Test Procedures
	Auxiliary Equipment		
	332-450-100	3	Composite Sets and Associated Hybrid Transformers
	332-450-500	1	Testing and Balancing Composite Sets and Associated Line or Hybrid Transformers

332-6 Voice-Frequency Consolidated Equipment Arrangements

Using E-Type SF Signaling Units

332-600-101	1	Description and Application of J98617J-2 Bay
332-600-102	1	Maintenance Provisions

Customer's Premises Facility Terminal for Type F Signaling System

332-601-100	1	Description
332-601-200	1	Identification, Connections, and Installation
332-601-500	1	Maintenance and Lineup

Customer Premises Facility Terminal for Metallic Facility Terminal Plug-In Equipment

Addendum	1	
332-610-100	3	General Description
332-610-101	1	J99400A Housing Assembly — Description — Package Metallic Facility Terminal Assemblies
332-610-102	1	J99400C, D, and E — Description
332-610-103	1	J99400K (Lists 1 and 2) Housing Assembly — Description — Packaged Metallic Facility Terminal Assembly
332-610-104	2	J99400R and J99400S Housing Assemblies — Description — Packaged Metallic Facility Terminal Assemblies
332-610-105	1	J99400F Housing Assembly — Description — Packaged Metallic Facility Terminal Assemblies
332-610-200	3	Installation
332-610-201	1	J99400A Housing Assembly — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
332-610-202	1	J99400C, D, and E Housing Assemblies — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
332-610-203	1	J99400K Housing Assembly — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
332-610-204	1	J99400R and J99400S Housing Assemblies — Installation and Maintenance — Packaged Metallic Facility Terminal Assemblies
332-610-205	1	J99400F Housing Assembly — Installation and Maintenance — Packed Metallic Facility Terminal Assemblies
332-610-500	3	Maintenance and Testing Information

OMNIPORT Network Channel Terminating Equipment

332-620-001	2	Product Ordering Guide
332-620-100	2	General Description
332-620-101	1	146A (1-Circuit) Mounting — Description and Installation
332-620-102	1	146C (3-Circuit) Mounting — Description and Installation
332-620-103	1	146F (6-Circuit) Mounting — Description and Installation
332-620-104	1	146L (12-Circuit) Mounting — Description and Installation
332-620-105	1	146S (72-Circuit) Mounting Cabinet — Description and Installation

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Number	Issue	Subject
332-620-106	1	146B Single-Circuit Mounting — Description and Installation
332-620-107	1	146R (48-Circuit) Mounting Cabinet — Description and Installation
332-620-108	1	146T (48-Circuit) Mounting Cabinet — Description and Installation
332-620-109	1	146H 8-Circuit Data Unit Mounting — Description and Installation
Addendum	1	
332-620-110	1	BPT40 4-4 Wire Terminal Repeater DX1/DX2 and BPT41 4-4 Wire Terminal Repeater DX1/DX2 Plus Maintenance — Description and Installation
332-620-111	1	BPT10 Dual 2-Wire Maintenance Termination Unit — Description and Installation
Addendum	1	
332-620-112	1	BPT20 2-Wire Loop-Start Only Signaling Repeater and BPT21 2-Wire Loop-Start Only Signaling Repeater Plus Maintenance — Description and Installation
332-620-113	1	BPT1 20-Hz Ringing Generator — Description and Installation
332-620-114	1	BPT22 2-2 Wire Automatic Terminal Repeater — Description and Installation
332-620-115	1	BPT24 2/4-4 Wire Terminal Repeater DX1/DX2 and BPT25 2/4-4 Wire Terminal Repeater DX1/DX2 Plus Maintenance — Description and Installation
332-620-116	1	BPT42 4-4 Wire Terminal Repeater SF Signaling and BPT43 4-4 Wire Terminal Repeater SF Signaling Plus Maintenance — Description and Installation
332-620-120	1	43A Test Extender — Description
332-620-121	1	146W Single-Circuit Data Interface Mounting — Description and Installation
332-620-130	1	BPT60 4-4 Wire Data Interface Unit — Description and Installation
332-620-131	2	BPT62 2/4-4 Wire Data Interface Unit — BPT62B 2/4-4 Wire Data Interface Unit — Description and Installation
332-620-132	1	BPT63 4-4 Wire Passive Data Interface Unit — Description and Installation
332-620-133	1	BPT61 4-4 Wire Data Interface Unit — Description and Installation
Addendum	1	
332-620-134	1	10A Unit, Data Interface — Description and Installation
332-620-135	1	BPT71 4-4 Wire Data Interface Unit — Description and Installation
332-620-136	1	BPT72 2/4-4 Wire Data Interface Unit — Description and Installation
332-620-137	1	BPT73 4-4 Wire Passive Data Interface Unit — Description and Installation

332-7 4-Wire Extension

332-700-101	1	4182A Network — Description
332-700-102	1	4182B Network — Description
332-700-103	2	4182C Network — Description

332-8 4-Wire Terminating Sets and Precision Balancing Networks

Terminating Sets

332-800-101	2	1A and 1K — Description
332-800-102	2	1B and 1L — Description
332-800-103	3	1C, 1F, and 1M — Description
332-800-104	2	1D and 1N — Description
332-800-105	1	1G — Description
332-800-106	1	1H — Description
332-800-107	1	1J — Description
332-800-108	2	1P and 1R Terminating Sets — Description

Data on Balancing Equipment

332-851-101	2	115-Type Networks for Toll Message and Program Circuits
Addendum	3	
332-851-102	1	Line Balance Network Data

Number	Issue	Subject
Addendum	3	
332-851-103	1	Exchange Line Balancing Network Data
Networks		
332-852-100	1	4066 — Description
332-852-101	3	4066A — Description
332-852-102	1	4066B — Description
332-852-103	1	4066C — Description
332-852-104	1	4066D — Description
332-852-105	1	4066E — Description
332-852-106	1	4066F — Description
332-852-107	2	4066G — Description
332-852-108	1	4066H — Description
332-852-109	1	4066K — Description and Settings

332-9 Combined Transmission and Signaling Repeaters

J98619A Subscriber Loop		
332-906-110	2	Message and Signal Repeater
332-906-510	2	Tests and Adjustments
Metallic Facility Terminal		
332-910-100	4	Description
Addendum	2	
332-910-101	5	Shelf, Frame, Power Panel, and Distributing Frame Arrangements — Description
332-910-102	2	Test Extender (J99343TB) — SD-1C485-02 — Description and Operation
332-910-103	2	J99343TN Facility Matching Test Set — Description and Operation
332-910-110	1	ATP11 — Dual 2-Wire Maintenance Termination Unit — Description — Voice- Frequency Special Services
332-910-180	3	General Application
332-910-210	1	ATP 11 — Dual Two-Wire Maintenance Termination Unit — Installation and Testing — Voice-Frequency Special Services
332-911-101	3	Loop Signaling Repeaters (J99343AA, AB, AC, AD, AE, AF, AH) — Description
332-911-102	5	Loop Signaling Extender (J99343CA, CB, CC, CD, CE) — SD-1C359-01 and SD- 7C050-01 — Description
332-911-103	1	DX1 and DX1/DX2 Signaling Units (J99343DA, DB) — SD-1C359-01 — Description
332-911-104	2	Ringdown Signaling Units (J99343EA, EB, EC) — SD-1C359-01 — Description
Addendum	1	
332-911-105	1	Loop-Start and Ground-Start to DX or E&M — Signaling Converters (J99343FA, FB, FC, FD) — SD-1C359-01 — Description
332-911-106	1	Signaling Lead Access Unit (J99343MA) — SD-1C359-01 — Description
332-911-107	1	J99343AJ and J99343AK Loop Signaling Repeaters — Description
332-911-201	3	Metallic Facility Terminal — Loop Signaling Repeater (J99343AA, AB, AD, AE, AF, AH) — Installation and Testing — SD-1C359-01
332-911-202	2	Loop Signaling Extender (J99343CA, CB, CC, and CD) — Installation and Testing
332-911-203	1	Metallic Facility Terminal — DX1 and DX1/DX2 Signaling Units — J99343DA, DB — Installation and Testing — (SD- 1C359-01)
332-911-204	1	Metallic Facility Terminal — Ringdown Signaling Units (J99343EA, EB, EC) — SD-1C359-( ) — Installation and Testing
332-911-205	1	Metallic Facility Terminal — Loop-Start and Ground-Start to DX or E&M — Signaling Converters (J99343FA, FB, FC, and FD) — Installation and Testing
332-911-207	1	J99343AJ and J99343AK Loop Signaling Repeaters — Installation and Testing
332-912-101	2	J99343BA, BB, and BC-2 Wire Transmission Units, ATP-4 600/900 Ohm DC Bypass Units, and ATP-5 Bypass Test Unit — Description

Number	Issue	Subject
332-912-102	1	2-4 Wire Transmission Units (J99343BE, BF) — SD-1C359-01 — Description
332-912-104	2	4-4 Wire Transmission Unit (J99343BD) — SD-1C359-01 Description
332-912-105	2	J99343BG 4-4 Wire Passive Transmission Unit With Sealing Current — Description
332-912-106	1	Dual 2-Wire Impedance Compensation Networks — J99343BL, BM, and BN — Description
332-912-113	2	J99343PA, PG (Lists 1 and 2) 2-2 Wire Terminals (Loaded) Repeaters — Description
332-912-114	2	J99343PB (Lists 1, 2, and 3) 2-2 Wire Terminal (Nonloaded) Repeaters — Description
332-912-115	2	J99343PD (Lists 1, 2, and 3) 2-2 Wire Intermediate (Nonloaded-Nonloaded) Repeaters — Description
332-912-116	2	J99343PC, PH (Lists 1 and 2) 2-2-Wire Intermediate Repeaters (Loaded-Loaded) — Description
332-912-117	3	J99343PE, PF, PJ, and PK 2-2 Wire Intermediate — (Loaded-Nonloaded and Nonloaded-Loaded) Repeaters — Description
332-912-121	5	4-2 Wire Repeaters (J99343RB, RC, RG, RJ) — 2-4 Wire Intermediate Repeaters (J99343RD, RE, RH, RK) — Description
332-912-134	2	J99343SA and SB — 4-4 Wire Terminal/Intermediate Repeaters — Description
332-912-135	2	J99343RA and RF 2-4 Wire Terminal Repeaters — Description
332-912-136	1	J99343SC and SD 4-4 Wire Intermediate/Terminal Repeaters — Description
Addendum	1	
332-912-141	3	J99343PL (L1 and L2) 2-Wire Dual Terminal Loaded (L) Repeaters — Description
Addendum	2	
332-912-151	2	J99343SF and SG Single Frequency/4-4 Wire Repeater Combined Function Units — Description
332-912-152	3	Loop-Start Only/2-Wire Transmission Unit (J99343GA Lists 1 and 2) SD-7C050-01 Description
332-912-153	2	J99343GB, L1 and L2, Loop Signaling Extender/2-2 Wire Terminal Repeater (L) Combined Function Unit — Description
332-912-154	2	J99343GC Loop Signaling Repeater — (Loop-Start Only)/2-2 Wire Intermediate Repeater (L-L) Combined Function Unit — Description
332-912-155	2	J99343GD Loop Signaling Repeater(Loop- Start Only)/2-2 Wire Intermediate Repeater (L-NL) Combined Function Unit — Description
332-912-156	2	J99343GE Loop Signaling Extender/2-2 Wire Terminal Repeater (NL) Combined Function Unit — Description
Addendum	1	
332-912-157	2	J99343GF (L1 & L2) and GJ 2-2 Wire Intermediate Repeater (L-L)/Loop Signaling Repeaters Combined Function Units — Description
Addendum	1	
332-912-158	2	J99343GG-L1 and L2, and GK 2-2 Wire Intermediate Repeater (L-NL)/Loop Signaling Repeater Combined Function Units — Description
332-912-159	2	J99343JA and JB Private Line Automatic Ringdown/2-Wire Transmission Units — Description
Addendum	1	
332-912-160	1	J99343GH and GL 2-2 Wire Intermediate Repeater (NL-NL)/Loop Signaling Repeaters Combined Function Units — Description
332-912-161	2	J99343HA DX1-DX2/4-4 Wire Terminal Repeater and J99343HB DX1/4-4 Wire Terminal Repeater — Description
332-912-163	1	J99343PR Universal Adaptive Repeater — Description

Number	Issue	Subject
332-912-164	1	J99343GR 2-2 Wire Universal Adaptive Repeater/Loop Signaling Extender — Combined Function Unit — Description
332-912-165	1	J99343GS 2-2 Wire Universal Adaptive Repeater/Loop Signaling Repeater — Combined Function Unit — Description
332-912-201	1	2-Wire Transmission Units (J99343BA, BB, BC) SD-1C359-01 — Installation and Testing
332-912-202	1	2-4 Wire Transmission Units (J99343BE, BF) SD-1C359-01 — Installation and Testing
332-912-204	1	4-4 Wire Transmission Units (J99343BD) SD-1C359-01 — Installation and Testing
332-912-205	1	J99343BG 4-4 Wire Passive Transmission Unit With Sealing Current — Installation and Testing
332-912-206	1	Dual 2-Wire Impedance Compensation Networks — J99343BL, BM, and BN — Installation and Prescription Settings
Addendum	2	
332-912-212	4	2-2 Repeaters J99343PA, PB (L1, L2, & L3), PC, PD (L1, L2, & L3), PE, PF, PH, PG (L1 & L2), PK (L1 & L2), PR and 2-2 Combined Function Units J99343GD, GE, GR, and GS — Prescription Settings
332-912-213	1	J99343PA and J99343PB (L1 and L2) 2-2 Wire Terminal Repeaters (L) — Installation and Testing
332-912-214	2	J99343PA (L1, L2 and L3) 2-2 Terminal Repeater — Installation and Testing
332-912-215	1	Metallic Facility Terminal — 2-2 Intermediate Repeaters J99343PC, PH (L1 and L2), PD (L1, L2 and L3), PE, PJ (L1 and L2), PF, and PK (L1 and L2) — SD-1C359- 01 — Installation and Testing
Addendum	1	
332-912-221	3	4-2 Wire Repeaters (J99343RB, RC, RG, RJ) — 2-4 Wire Intermediate Repeaters (J99343RD, RE, RH, RK) — Installation and Testing
332-912-222	3	Prescription Setting Procedures for 4-2 Wire (J99343RB, RC, RG, and RJ) and 2-4 Wire Repeaters (J99343RD, RE, RH, and RK)
332-912-232	3	4-4 Repeaters (J99343SA, SB) 2-4 Terminal Repeaters (J99343RA, RF) — 4-Wire Combined Function Units (J99343HA, SF) Prescription Setting Procedures
332-912-234	1	4-4 Wire Repeaters — Installation and Testing
332-912-235	1	2-4 Terminal Repeaters (J99343RA, RF) — (SD-1C359-01) — Installation and Testing
332-912-236	1	J99343SC and SD 4-4 Wire Terminal/Intermediate Repeaters — Installation and Test
332-912-241	2	J99343PL (L1 and L2) 2-Wire Dual Terminal Loaded (L) Repeaters — Installation and Testing
332-912-250	2	Amplitude and Delay Equalizer (J99343SN) — Description and Installation
Addendum	1	
332-912-251	2	J99343SF and J99343SG — Single Frequency Signaling/4-4-Wire Repeater — Installation and Testing
332-912-252	3	Loop-Start Only/2-Wire Transmission Unit (J99343GA, Lists 1, 2, and 3) — Installation and Test
Addendum	2	
332-912-253	1	Loop Signaling Extender/2-2 Wire Terminal Loaded Repeater (J99343GB) — Combined Function Unit — SD-7C050-( ) — Installation and Test
Addendum	2	
332-912-254	1	Loop Signaling Repeater Loop-Start Only/2-2 Wire Intermediate Repeater (L-L), J99343GC — SD-7C050() — Installation and Testing

Number	Issue	Subject
Addendum	2	
332-912-255	1	Loop Signaling Repeater — Loop-Start Only/2-2 Intermediate (L-NL) Repeater (J99343GD) — Combined Function Unit SD-7C050-() — Installation and Testing
Addendum	2	
332-912-256	1	Loop Signaling Extender/2-2 Wire Terminal Repeater (J99343GE) — Combined Function Unit (CFU) — SD-7C050-( ) — Installation and Test
332-912-257	2	J99343GF (L1&L2) and GJ 2-2 Wire (L-L) Intermediate/Loop Signaling Repeaters Combined Function Units — Installation and Testing
332-912-258	2	J99343GG, L1&L2 and GK Loop Signaling Repeater /2-2 Wire Intermediate Repeater (L-NL) Combined Function Unit — Installation and Testing
332-912-259	2	J99343JA and JB 2-Wire Private Line Automatic Ringdown — Combined Function Unit — Installation and Tests
332-912-260	1	J99343GH and GL Loop Signaling Repeater/2-2 Wire — Intermediate Repeater (NL-NL) Combined Function Unit — Installation and Testing
332-912-261	2	J99343HA DX1-DX2/4-4 Wire Terminal (PRE- and POST-EQL) Repeater — Installation and Testing
332-912-262	1	J99343KA Metallic Facility Terminal Unit- Circuit Switched Digital Capability (MFT- CSDC) — Description, Installation, and Test Procedures
332-912-263	1	J99343PR 2-2 Wire Universal Adaptive Repeater — Installation and Testing
332-912-264	1	J99343GR 2-2 Wire Universal Adaptive Repeater/Loop Signaling Extender— Combined Function Unit — Installation and Testing
332-912-265	1	J99343GS 2-2 Wire Universal Adaptive Repeater/Loop Signaling — Repeater Combined Function Unit — Installation and Testing

Division 333

Interoffice Signaling Systems and Testing

333-0 Indexes and Equipment List

333-1 Overall Testing of Signaling Layouts

333-2 CCIS (Common Channel Interoffice Signaling System)

Number	Issue	Subject
333-0 Index and Equipment Test List		
333-000 Index		
333-000-000	25	Numerical Index — Division 333 — Interoffice Signaling Systems and Testing
333-001 Equipment Test List		
333-001-011	1	ETL
333-1 Overall Testing of Signaling Layouts		
333-121-500	1	Overall Dial Pulsing Test — General
333-122-501	1	Applications of the 2B or 2B-1 Test Sets and Pulse Repeating Adapter
333-122-601	1	CX and SF Signaling Circuits — Tests Using 1A Signaling Test Set
333-122-603	4	Intertoll Dialing — Type B CX and SX Signaling Circuits — Overall Dialing Trunk Pulsing Test from Toll Testboards
333-122-605	4	Intertoll Dialing — Type B CX and SX Signaling Circuits — Overall Dialing Trunk Pulsing Tests from 2-Way Trunk Test Jack
333-122-607	4	Intertoll Dialing — Type B CX, DX, and SX Signaling Circuits — Overall Pulsing Tests Using Pulse Repeating Test Set (SD-64540-01) on E and M Leads
Addendum	1	
333-123-500	2	Overall Signaling Arrangement and Testing — Dial Pulsing Tests on Intertoll Trunks
333-124-500	4	Pulsing Requirements — Local and Toll Connecting Trunks
333-125-500	1	Dial Pulsing Tests on FX and WATS Circuits
333-126-500	1	Pulsing Tests on Dial Tie Trunks
333-127-500	1	Pulsing Tests on Switched Services — Networks Access Lines
333-2 CCIS (Common Channel Interoffice Signaling System)		
❶ 333-200-021	2	Duties and Responsibilities for Operation of a CCIS System
❶ 333-200-025	1	Network Administration Center (CNAC) — General
❶ 333-200-026	1	Network Administration Center (CNAC) — Network Planning
❶ 333-200-029	1	Network Administration Center (CNAC) Planning and Analysis System
❶ 333-200-060	2	Intertoll Signaling Links — Installation and Administration
❶ 333-200-100	2	General Description
❶ 333-200-101	1	Signaling Structure
❶ 333-200-105	1	System Description

Division 340

Picturephone ServicesBaseband Video Transmission

340-0 Indexes and Equipment Test List

340-1 Order-Wire Facilities

340-2 Cable Equalizers

340-5 Video Distribution Amplifier

Number	Issue	Subject
340-0 Indexes and Equipment Test List		
340-000-000	12	Numerical Index — Division 340 — Picturephone Services — Baseband Video Transmission
340-001-011	2	ETL
340-1 Order-Wire Facilities		
340-100-110	1	Description, Method of Operation, Maintenance
340-2 Cable Equalizers		
340-200-100	1	General Description
340-200-500	2	Maintenance Considerations — Including Test Set Requirements
Addendum	2	
❶ 340-200-501	1	Video Loop Facility Alignment
Addendum	1	
340-200-502	1	Video Loop Facility Trouble Location
340-200-503	1	Video Test Trunk Alignment
340-200-504	1	Video Test Trunks — Trouble Location
340-200-505	1	Video Trunk Facility Alignment
340-200-506	1	Video Trunk Facility Trouble Location
340-200-507	1	For Tandem and Operator Trunks — Installation, Adjustment, and Trouble Location
340-5 Video Distribution Amplifier		
340-500-100	1	297A — Description, Installation, and Testing

Division 341

Picturephone TransmissionPerformance Plan

341-0 Indexes

341-1 General and Network

341-2 Subscriber Lines

341-3 Interoffice Trunks

341-4 Picturephone Offices

Number	Issue	Subject
341-0 Indexes		
341-000-000	8	Numerical Index — Division 341 — Picturephone Transmission Performance Plan
341-1 General and Network		
Addendum	1	
341-100-100	1	General Description
341-100-120	1	Tests Lines, Trunks, and Terminations — General Description
341-100-150	1	Glossary of Terms and Definitions
341-100-500	1	Analysis Procedures
341-100-600	1	Waveform Testing
341-2 Subscriber Lines		
341-200-100	1	Service Order and Periodic Tests
341-200-500	1	Trouble Isolation Procedures
341-3 Interoffice Trunks		
341-300-100	1	Circuit Order and Periodic Tests
341-300-500	1	Trunk Isolation Procedures
341-4 Picturephone Offices		
341-400-100	1	Periodic Tests
341-420-100	1	Audio Loss Measurements

Division 354

Frequency Generating Systems

354-0 Index and Equipment Test Lists

354-1 Frequency Generating Systems

Number	Issue	Subject
354-0 Index and Equipment Test Lists		
354-000-000	66	Numerical Index — Division 354 — Frequency Generating Systems
354-001 Equipment Test Lists		
354-001-011	11	Frequency Generator Systems
354-1 Frequency Generating Systems		
354-100 Reference Frequency Standard		
Description		
354-100-101	1	X-76015 Bell System Reference Frequency Standard
354-100-102	1	NY4 Sync Signal Selector
Tests		
354-100-501	1	Airmont Reference Frequency Standard
354-100-502	1	NY4 Sync Signal Selector
354-101/109 Primary Frequency Supplies		
NOTE: For information on the equipment which has retroactively been designated PFS-1, see Division 356-150 layer.		
354-102 PFS-2A		
354-102-100	2	Description
Tests		
354-102-500	4	Maintenance Considerations
354-102-501	2	239A and 239E Pilot Amplifiers
354-102-502	1	1A Counter
354-102-503	1	246A Pilot Shaper and Discriminator
354-102-504	6	Primary Frequency Supply (PFS-2A) — Tests — Phase-Lock Loops and 1024-kHz Frequency
354-102-505	1	246C Switch
354-102-506	3	4-, 64-, and 128-kHz Outputs
354-102-509	1	64-kHz Preamplifier and Distribution Circuit
354-102-510	2	Major Alarms and Major Service Reactions
354-102-511	2	Regular Trouble-Location Procedures
354-102-512	3	Detailed Trouble-Location Procedures
354-102-513	2	308-kHz to 64-kHz Frequency Converter
354-102-514	1	1.024-MHz to 64- or 512-kHz — Frequency Converter
354-105 PFS-2B		
354-105-100	6	Description
Tests		
354-105-500	6	Maintenance Considerations
354-105-501	3	239E Amplifier
354-105-502	2	1D and 1E Counters
354-105-503	1	246D Pilot Sharper and Discriminator
Addendum	1	
354-105-504	6	Primary Frequency Supply (PFS-2B) — Oscillator Tests and Adjustments
354-105-505	1	246F Switch
354-105-506	7	246E Switch Tests — 4-, 64-, 128-, and 512-kHz Outputs
354-105-507	2	308-kHz to 64-kHz Frequency Converter
354-105-508	1	1.024-MHz to 64- or 512-kHz — Frequency Converter
354-105-509	2	Voltage and Waveform
354-105-510	2	J68909G 512-kHz Pilot Amplifier — (PFS-2B)
354-130 Jumbogroup Frequency Supply		
354-130-100	2	J68934A — Description

	Number	Issue	Subject
354-140 Bell System Carrier Synchronization Network			
❶	354-140-101	1	Bell System Reference Frequency Standard — Description
❶	354-140-501	2	J68940A Bell System Reference Standard — Tests
	354-140-502	1	Reference Frequency Network Distribution Circuits — Tests
	354-140-503	1	Regional Frequency Supply — J68942AA Regional Frequency Supply — Distribution Circuits — Tests and Adjustments
	354-140-504	1	1.024-MHz to 64- or 512-kHz Frequency Converter — Tests
	▲354-170-000	1	J68934A Jumbogroup Frequency Supply (JFS) L5/L5E Carrier System
354-200 Office Master Frequency Supply			
	▲354-200-000	2	J68956A Office Master Frequency Supply Bay
	354-200-100	1	J68956A OMFS-1 — Description

Division 355

Type K Carrier Telephone SystemsAssociated Equipment Components

355-0 Indexes, Equipment Test Lists, K1 and K2 Carrier Telephone Systems — Terminal and Repeater Equipment Components

355-1 Type K Carrier Telephone Systems Common Equipment Components — Testing Procedures

355-0 Indexes, Equipment Test Lists, K1 and K2 Carrier Telephone Systems — Terminal and Repeater Equipment Components

355-000 Indexes

Number	Issue	Subject
355-000-000	17	Numerical Index — Division 355 — Type K Carrier Telephone Systems and Associated Equipment Components

355-001 Equipment Test Lists

Number	Issue	Subject
355-001-011	4	Type K Carrier Telephone Systems and Associated Equipment Components

355-010/030 Type K1 Carrier Telephone Systems Terminal and Repeater Equipment Components

355-010 Group Equipment

Number	Issue	Subject
355-010-100	1	Description — Group Equipment and Carrier Supply
355-010-500	7	Over-All Channel Group
355-010-505	7	Group Equipment

355-015 Amplifiers

Number	Issue	Subject
355-015-100	1	Line and Twist Amplifiers
355-015-500	7	Line and Twist Amplifiers — Pilot Wire Regulation

Number	Issue	Subject

355-020 Deviation Regulator

Number	Issue	Subject
355-020-100	2	Description
355-020-500	4	Tests, Inspection and Alignment

355-025 Switching Arrangements

Number	Issue	Subject
355-025-100	1	Description — Key Operated Amplifier and Line Switching
355-025-500	1	Tests, Inspections and Alignment

355-030 Emergency Operation

Number	Issue	Subject
355-030-100	2	Description
355-030-300	1	Service Maintenance (Operating Methods)

355-050/085 Type K2 Carrier Telephone Systems Terminal and Repeater Equipment Components

355-050 Over-All System

Number	Issue	Subject
355-050-100	3	General — Over-All System Features
355-050-500	4	Over-All Channel Group

355-055 Group Terminal Equipment

Number	Issue	Subject
355-055-100	3	Description
355-055-500	4	Tests, Inspections and Alignment

355-060 Thermistors

Number	Issue	Subject
355-060-100	2	Description

355-065 Line Amplifiers

Number	Issue	Subject
355-065-100	3	Description — K2A and K2B
355-065-101	1	Portable K2B Line Amplifier (82F)
355-065-500	6	Tests, Inspections and Alignment — K2A and K2B

355-070 Twist Amplifiers

Number	Issue	Subject
355-070-100	2	Description
355-070-500	7	Tests, Inspections and Alignment

Number	Issue	Subject
355-075 Equalizing and Pad Arrangements		
355-075-100	2	Description
355-075-101	1	Portable K2 Equalizer Unit (82G)
355-080 Carrier Line Switching Arrangements		
355-080-100	1	Description
355-080-500	1	Carrier Line Switching Arrangements
355-085 Emergency Operation		
355-085-300	1	Service Maintenance (Operating Methods)
355-1 Type K Carrier Telephone Systems Common Equipment Components — Testing Procedures		
355-100 Terminals, Repeaters and Over-All Systems		
355-100-000	2	Jack Field and Supplemental Designations
355-100-300	9	K1 and K2 Carrier Telephone Systems — General Testing and Operating Information
355-100-305	3	Localizing System Operating Irregularities
355-100-310	2	Removal of Filter Filaments
355-100-500	2	Tandem Operation
355-100-505	3	Trouble Investigations in Amplifiers
355-100-510	1	Over-All System Equalization Using Portable Equipment
355-105 Noise, Crosstalk and Modulation		
355-105-300	2	Service Maintenance (Operating Methods)
355-105-500	3	Noise and Crosstalk Tests on K and KJ Carrier Systems
Addendum	1	
355-105-505	2	Modulation Tests
355-110 Regulating Arrangements		
355-110-100	1	Description — Master Transmission Regulating
355-115 Switching Arrangements		
355-115-100	1	Line Switching and Amplifier Switching
Addendum	1	
355-115-500	3	Types K1 and K2 Carrier Telephone Systems — Test, Switching, and Portable Amplifiers
355-120 Pilot Measurements		
355-120-100	3	Description — Test Pilot Supply Arrangements
355-125 Test Equipment		
355-125-100	3	1AH Tube Test Set
355-125-105	2	42A Transmission Measuring System
355-140 Carrier Crosstalk Balancing		
355-140-000	1	Type K Crosstalk Balancing Forms
355-140-100	2	Automatic Switching Apparatus
355-140-500	2	General Information
355-140-501	2	Manual Switching Method
355-140-502	2	Automatic Switching Method
355-145 Carrier Crosstalk Measuring Sets		
355-145-100	4	6000A Crosstalk Set and Associated Apparatus
355-145-101	2	68A and 69A Test Sets
355-145-102	2	16A Rectifier
355-145-103	2	18A Oscillator
355-145-104	2	4A Attenuator
355-145-105	2	4A and 4B Terminating Networks
355-145-106	2	Primary Calibration of 68A and 69A Test Sets
355-145-107	2	Retuning of 68A and 69A Test Sets

Number	Issue	Subject
355-145-108	2	Maintenance of 68A and 69A Test Sets
355-145-109	2	Modifications Required in the 68A and 69A Test Sets When This Equipment is used in Automatic Compromise Balancing of Type K Carrier Pairs
355-145-110	2	Modification of K Amplifiers — For K Carrier Crosstalk Balancing

Division 356

Analog Multiplex Terminal Equipment

356-0 Index, Equipment Test Lists, Common Equipment
- -000 Index
- -001 Equipment Test Lists
- -003 Analog Carrier
- -005/030 Common Equipment Group, Supergroup, and Mastergroup Distribution Frames
- -035/042 Multimastergroup Trunk Arrangements
- -067/081 Frequency Supply and Pilot Combining Circuits
- -099 Customer Information Releases (CIRs)

356-1 LMX-1 and MMX-1
- -105-110 Transmitting Circuits
- -115/120 Receiving Circuits
- -125 Terminal Circuits
- -130/138 MMX-1
- -150-187 LMX-1 Carrier and Pilot Supply

356-2 LMX-2
- -200/225 Terminals
- -250/275 Carrier and Pilot Supply
- -280/295 L60A/L120A LMX-2 Carrier Terminal

356-3 LMX-1/LMX-2, LMX-3
- -300 General
- -305/315 Transmitting Circuits
- -320/330 Receiving Circuits

356-4 LWM Wideband Modem and Digits on Radio
- -400/449 LWM Wideband Modem
- -450/460 Digital Transmission Terminals for Analog Facilities

-356-5 MMX-2 and MGT
- -500/524 MMX-2
- -542/543 Carrier Supply
- -546/548 Pilot Supply
- -570 NGT (Mastergroup Translator)

356-6 JMX (Jumbogroup Multiplex)
- -600 Description — JMX
- -620 MMGT-C (Multimastergroup Translator-Cable)
- -625 MMGT-R (Multimastergroup Translator-Radio)

Number	Issue	Subject
356-0 Index, Equipment Test Lists, Common Equipment		
356-000 Index		
356-000-000	3	Numerical Index — Division 356 — Analog Multiplex Terminal Equipment
356-001 Equipment Test Lists		
356-001-011	13	Equipment Test List
356-001-012	1	K Carrier
356-001-013	2	Multi-MG Trunk Arrangement
356-001-014	2	LMX-1
356-001-015	2	MMX-1
356-001-016	2	LMX-2
356-001-017	2	L60A, L120A LMX-2
356-001-018	1	LMX-1/LMX-2
356-001-019	2	1A Radio Digital System
356-001-020	2	MMX-2 and MGT
356-001-021	1	LWM WB Modem
356-003 Analog Carrier		
■ 356-003-000AC	2	Troubleshooting
356-005/030 Common Equipment Group, Supergroup, and Mastergroup Distribution Frames		
356-005-100	3	Description
356-005-501	3	Tests
J68872A Line Pilot Monitor		
356-008-100	1	Description
356-008-501	3	Tests
Transmission Testing		
356-010-500	2	Test Equipment
356-010-510	1	LMX-2 Carrier and Pilot Supply Tests — Flow Chart
356-010-511	1	J68858 Scanner and Test and Alarm Circuits — Flow Chart
356-010-512	1	LMX-2 Initial Testing — Flow Chart

Number	Issue	Subject
356-010-513	1	Initial Testing — Flow Charts
356-010-514	3	LMX In-Service Lineup — Flowchart
356-010-520	1	Frequency Charts
CTMS (Carrier Transmission Maintenance System)		
356-010-550	2	General Administrative Procedures
356-010-551	2	104.08-kHz Pilot Bus Measurements (PLPB)
356-010-552	2	Measurement of Terminal Pilots at Mastergroup and Line Access
356-010-553	2	Measurement of Supergroup and Group Pilots at Scanner (PLSC)
356-010-554	3	Supergroup Out-of-Band Noise Measurements
356-010-555	2	Through Pilots and Cross-Office Transmission
356-010-556	2	High Tone Scan (HTS) and Quick Hot Tone Scan(QHTS)
356-010-557	2	Line Pilot Measurements (LP)
356-010-558	1	L3 Pearl Tone Measurements
356-010-559	2	Demand Measurement Programs
356-010-560	1	L Multiplex Terminals — Local Alarm Scanning System (LASS) — General Operating Procedures
Group and Supergroup Pilot Signals — Description		
356-011-100	1	J68857 S and -W 104.08-kHz Group Pilot Supplies
356-011-101	2	104.08-kHz Insertion Arrangements
356-011-102	1	Independent 104.08-kHz Pilot Supply — Description
356-011-105	1	Auxiliary 315.92-kHz Supergroup Pilot Supply
Group and Supergroup Pilot Signals — Tests		
356-011-501	2	J68857S and J68857W Group Pilot Supplies — Stabilizer, Switch Control, and Primary Distribution — Bus Output
356-011-502	2	Secondary Pilot Distribution Circuit Output
356-011-503	1	104.08 kHz In-Service Adjustment
356-011-504	3	Independent 104.08-kHz Pilot Supply — Output Test — Group and Supergroup Pilot Signals
356-011-505	1	315.92 Auxiliary Supergroup Pilot Supply
J68858 Scanner, Test, and Alarm Circuits		
356-012-100	2	Description
356-012-501	4	Scanner Function Tests — Common Equipment
356-012-502	4	Check of Gain Measurement and End-of- Range — Alarm Function of 234B Amplifier
356-012-503	4	Check of Operation of 234A Amplifier
356-012-504	1	Group Pilot Measuring Circuit Calibration
356-012-505	3	315.92-kHz Supergroup Pilot Measuring Circuit Calibration
A5/A6 Carrier Failure Alarm Retrofit System		
356-014-100	1	Description
356-014-501	1	Tests and Trouble Correction
A1-A5 Channel Banks — Description		
356-015-100	4	A1, A2, A3 and A4
356-015-101	1	A5 — General
356-015-102	1	A5 Channel Bank
356-015-103	1	Consolidated A5 Channel Bank Bay (J68853AA) and Consolidated F-Signaling Bays (J98624A and B)
356-015-104	1	NJ01303C-1 Unitized Terminal Equipment Frame — Description
A1-A5 Channel Banks — Tests		
356-015-300	2	Patching Procedures
356-015-301	1	Consolidated A5 Channel Bank Bay (J68853AA) and Consolidated F-Signaling Bays (J98624A and B)
356-015-310	1	A5 Channel Bank — Reduction of Intra- Channel Crosstalk
356-015-500	6	General Maintenance Considerations
356-015-501	3	Out-of-Service Tests
Addendum	1	
356-015-502	1	A5 Channel Bank Carrier Supply — Distributing Bus Output Test
356-015-503	1	In-Service 104-kHz Carrier Leak Test

Number	Issue	Subject
A6B Channel Bank and Direct Formed Supergroup Banks		
▲356-016-000	2	J68954( ) Bays
▲356-016-010	2	J98629A and B Frames
▲356-016-013	2	J98629G and H Frames
▲356-016-014	2	(J98629J Frame) — Analog Multiplex Terminal Equipment
▲356-016-015	2	J98629K and N Frames
▲356-016-017	2	J98629P and R Frames — Analog Multiplex Terminal Equipment
▲356-016-018	2	J98629T and U Frames — Analog Multiplex Terminal Equipment
▲356-016-019	2	J98629W and Y Frames — Analog Multiplex Terminal Equipment
356-016-100	2	J68929( ) Bays — Description
356-016-101	2	Carrier Supply — Description
356-016-102	2	J98626( ) Frames — Description
356-016-103	1	Carrier Failure Alarm — Carrier Supply — Description
356-016-104	1	A6B Channel Bank — Description
356-016-105	1	J68954( ) Bays and J98629( ) Frames — Description
356-016-106	1	Description
356-016-107	1	J68954( ) Bays and J98629( ) Frames
356-016-108	1	J68957A and B Unitized Terminal Equipment Frames — Description
356-016-109	2	J60110AA No. 5 Signaling Transceiver, Echo Canceler, and Compandor (International, Interface Unit) — Description, Installation, and Maintenance
356-016-110	1	J68965A and B Unitized Terminal Equipment Frames — Description
356-016-300	3	J68929( ) Bays — Equipping and Fusing the Bay
356-016-301	2	J68929( ) Bays — Voice-Frequency Operations
356-016-302	2	Unitized Terminal Equipment — J98626( ) Frames — Operation
356-016-303	3	Unitized Terminal Equipment — J98626( ) Frames — Equipping and Fusing the Frames
356-016-500	3	J68929( ) Bays and J98626( ) Frames — General Maintenance Considerations
356-016-501	3	Carrier Supply — Initial Tests
356-016-502	3	J68929( ) Bays — Channel Bank Tests and Adjustments — Out-of-Service
356-016-503	3	Carrier Supply — In-Service Tests
356-016-504	2	Carrier Supply — Trouble Correction Procedures
356-016-505	2	Unitized Terminal Equipment — J98626( ) Frames — Channel Bank Tests and Adjustments — Out-of-Service
356-016-506	1	Carrier Failure Alarm — Carrier Supply — Tests and Trouble Correction
Carrier Program Transmission		
356-017-100	1	Description
356-017-501	1	Patching Procedures and Out-of-Service Tests
Terminal Circuits — Tests		
356-018-300	1	General — Patching Procedures
356-018-301	2	Terminal Trunks — Patching Procedures
356-018-302	1	Mastergroup Trunks — Patching Procedure
356-018-501	2	Loss Measurements — Transmitting and Receiving Trunks
356-018-502	1	Line Pads at Branching Points — No Blocking
356-018-503	1	Blocking Filters at Branching Points
356-018-504	1	Receiving and Transmitting Branch Hybrids
356-018-505	1	Hybrid Coils
Basic Mastergroup Trunk Arrangements		
356-019-100	3	Description
356-019-500	3	Tests
Group Connectors		
356-020-101	1	Description
356-020-102	1	B2 — Description
356-020-103	2	B3 — Description
356-020-300	1	(L- to L-) — Patching Procedure
356-020-501	1	B1 — Out-of-Service Loss Tests

Number	Issue	Subject
Addendum	1	
356-020-502	3	B2-Type — In-Service Adjustments
Addendum	1	
356-020-503	3	B2-Type — Out-of-Service Tests
356-020-504	3	B2-Type — Turnover Tests
Addendum	1	
356-020-505	1	B3 — In-Service Tests
356-020-506	1	B3 — Out-of-Service Tests
Lineup of Groups in Tandem		
356-021-500	1	Line-Up of Combinations of J, K, and L Groups in Tandem
▲356-021-502	3	Wideband Data Service
356-021-503	1	Overall Lineup of Channel Groups — Initial and Maintenance
356-021-504	2	Out-of-Service Tests — Group Facilities — Common Equipment
356-021-505	1	Out-of-Service Tests — Group Facilities — 15-kHz Program Equipment
Overall Noise and Modulation Tests		
Addendum	1	
356-022-500	1	Over-All Modulation Test of Combinations of J, K and L Groups in Tandem
356-022-501	3	Channel Terminal Noise Tests — Common Equipment
356-022-502	7	Out-of-Service Noise Measurements— Common Equipment
356-022-503	7	In-Service Supergroup Out-of-Band Noise Measurements
356-022-504	2	Signal Gain and Phase Impairments Overall Noise and Modulation Tests — Common Equipment
Common Equipment — Analog Multiplex Terminal Equipment		
■ 356-022-505AC	1	Steady Noise, Impulse Noise and Phase Jitter Tests
■ Appendix 1AC	1	Noise Tests Using Wandel & Goltermann* SPM-15 Selective Level Meter
■ Appendix 2AC	1	Noise Tests Using Wandel & Goltermann SPM-16 Selective Level Meter
■ Appendix 3AC	1	Noise Tests Using Wandel & Goltermann SPM-17 Selective Level Meter
■ Appendix 4AC	1	Noise Tests Using Wandel & Goltermann SPM-18 Selective Level Meter
■ Appendix 5AC	1	Noise Tests Using Wandel & Goltermann SPM-19 Selective Level Meter
■ Appendix 6AC	1	Noise Tests Using HP-3586B Selective Level Meter
■ Appendix 7AC	1	Noise Tests Using Bradley PB-1 C-1D VF Line Analyzer
■ Appendix 8AC	1	Noise Tests Using HP-3745B Selective Level Meter
■ Appendix 9AC	1	Noise and Level Tests Using HP-3746A Selective Level Measuring Set
■ Appendix 10AC	1	Noise Tests Using HP-4935A Transmission Impairment Measuring Set
■ Appendix 11AC	1	Noise Tests Using HP-4940A Transmission Impairment Measuring Set
■ Appendix 12AC	1	Noise Tests Using HP-4947A Transmission Impairment Measuring Set
Ground Detector Tests		
356-023-100	1	Locating Grounds on Balanced High Frequency Cabling
LT Connector		
356-024-100	4	Description
356-024-105	3	LT-1B Facility Connector — Description
356-024-110	1	LT-2 Digital Transmultiplexer — Description
▲356-024-505	2	LT-1B Facility Connector
▲356-024-510	1	LT-2 Digital Transmultiplexer — Maintenance
356-024-511	1	User Guide For LT-2 Digital Transmultiplexer

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Number	Issue	Subject
Supergroup Connectors		
Addendum	1	
356-025-100	4	C1- and C2-Type — Description
356-025-101	1	C3 — Description
356-025-300	1	Patching Procedure
356-025-501	3	C1-Type — Out-of-Service Test
356-025-502	3	C2-Type — In-Service Tests
356-025-503	4	C2-Type — Out-of-Service Tests
356-025-504	3	C2-Type — Turnover Test
356-025-505	1	C3 — In-Service Tests
356-025-506	1	C3 — Out-of-Service Tests
Mastergroup Connectors — J68829K (MMX-1 to MMX-1)		
356-026-100	3	Description
356-026-300	1	Patching Procedures
356-026-501	4	In-Service Tests
356-026-502	4	Out-of-Service Tests
Mastergroup Connectors — J68882AP (MMX-2 to MMX-2)		
356-027-100	3	Description
356-027-300	1	Patching Procedures
356-027-501	2	In-Service Loss Tests
356-027-502	3	Out-of-Service Tests
Mastergroup Connectors — J68882AW (Between MMX-1 and MMX-2)		
356-028-100	3	Description
356-028-300	2	Patching Procedure
356-028-501	2	In-Service Tests
356-028-502	3	Out-of-Service Tests
Mastergroup Connector (Passive) — J68953AF		
356-029-100	3	Description
356-029-501	2	In-Service Tests
356-029-502	2	Out-of-Service Tests
Type J and K — Carrier and Pilot Supply		
356-030-500	1	Type J2, K, and Combined J2 and K — General Maintenance Considerations
356-030-510	3	Type K

Number	Issue	Subject
356-035/042 Multimastergroup Trunk Arrangements		
MMX-2C and L4 Carrier		
356-035-100	3	Description
356-035-500	2	Tests
JMX and L5 Carrier		
356-036-100	2	JMX-L5/L5E Restoration Trunk Bay — Description
356-036-500	2	JMX-L5/L5E Restoration Trunk Circuits — Maintenance Procedures
MMX-1 and WLEL		
356-040-100	4	Multimastergroup Trunk Arrangements — Description — Common Equipment
356-040-500	5	Multimastergroup Trunk Arrangements — Tests — Common Equipment
MMX-2R and Microwave Radio		
356-041-100	5	Multimastergroup Restoration Trunks for Radio Systems — Description — Common Equipment
356-041-500	5	Multimastergroup Restoration Trunks for Radio Systems— Tests — Common Equipment
L5 Carrier Basic Jumbogroup Trunk Bay		
356-042-100	2	Description
356-067/081 Frequency Supply and Pilot Combining Circuits		
Intermediate Frequency Converter Circuit		
356-067-501	2	Measurement of the 516 KC Output
Pilot Combining Circuit		
356-079-501	2	Measurement of 6-Frequency or 2-Frequency Output
Pilot Combining Circuit at Offices with PIL TST Jack		
356-080-501	3	Measurement and Adjustment of 6-Frequency or 2-Frequency Combining Circuit Output

	Number	Issue	Subject
	Emergency Pilot Supply		
	356-081-503	2	Pilot Generator Circuits for Emergency Use Only — At Offices With PIL TST Jack — Measurement and Adjustment of Pilot Generator Output — Measurement of Rectifier DC Current and Adjustment of Sensitrol Relay
	2 KC and 10 KC Standard Frequency Supply Circuit		
	356-088-501	1	Output Measurements
	356-099 Customer Information Releases (CIRs)		
❑	356-099-001IR	1	Discontinued Availability of LMX-3 Multiplex, Transmission Systems
	356-1 LMX-1 AND MMX-1		
	356-100-100	3	Overall System Description — Group and Supergroup Equipment
	356-100-500	4	Electron Tube Tests and Patching Procedures
	356-105/110 Transmitting Circuits		
	Group Modulator		
	356-105-300	1	Patching Procedures
	356-105-501	2	In-Service Test
	356-105-502	1	Out-of-Service Gain Tests
	356-105-503	1	Intermediate Amplifier — Gain Test
	356-105-504	1	Turnover Tests
	Supergroup Modulator		
	356-110-300	1	Patching Procedures
	356-110-502	1	Out-of-Service Loss Tests
	356-115/120 Receiving Circuits		
	Supergroup Demodulator		
	356-115-300	1	Patching Procedures
	356-115-501	1	In-Service Loss Test
	356-115-502	1	Out-of-Service Tests
	356-115-503	3	C2C Supergroup Regulated Amplifier — Tests
	356-115-504	1	Turnover Test
	Group Demodulator		
	356-120-300	1	Receiving Group Bank — Patching Procedures
	356-120-501	2	In-Service Gain Tests
	356-120-502	1	Out-of-Service Gain Tests
	356-120-503	1	Auxiliary Amplifier — Gain Tests
	356-120-504	1	Turnover Tests
	356-125 Terminal Circuits		
	356-125-501	1	Terminal Compensating Networks — Tests
	356-130/138 MMX-1		
	356-130-100	1	Description — Submastergroup and Mastergroup Equipment
	356-130-500	1	Overall System — General Test Information
	356-130-501	1	Overall System Tests — Multipurpose Trunk Arrangements
	Transmitting Submastergroup Bank		
	356-132-300	2	Patching Procedures
	356-132-501	2	Gain Tests
	Addendum	1	
	356-132-502	2	Turnover Test
	Transmitting Mastergroup Bank		
	356-134-300	1	Patching Procedures
	356-134-501	3	Loss Tests
	Addendum	1	
	356-134-502	2	Turnover Tests
	356-134-503	1	Hybrid Loss Tests
	Receiving Mastergroup Bank		
	356-136-300	1	Patching Procedures
	Addendum	1	
	356-136-501	3	Gain Tests
	Addendum	1	
	356-136-502	2	Turnover Tests
	356-136-503	1	Hybrid Loss Tests
	Receiving Submastergroup Bank		
	356-138-300	1	Patching Procedures

Number	Issue	Subject
356-138-501	3	Loss Tests — MMX-1
Addendum	1	
356-138-502	2	Turnover Tests

356-150/187 LMX-1 Carrier and Pilot Supply

J68775 — Carrier and Pilot Supply

356-150-100	1	Description
356-150-300	1	Line Pilot Switching
356-150-501	2	Electron Tube Tests
356-150-502	1	Group and Supergroup Distributing Bases — Measurement of Voltage Delivered to B Relay

J68775 Primary Frequency Supply

356-151-501	1	128-kHz Oscillator Circuit Tests
356-151-502	2	64-kHz Output Power Tests
356-151-503	2	J68775U — 4-kHz Output Test
356-151-504	1	4-kHz Distribution Circuit Tests

4-kHz Harmonic Generator

356-152-501	2	Output Power Tests

Channel Carrier Distribution Bus

356-153-501	1	Equalization of Pilot Frequency
356-153-502	2	Output Power Tests

Group Carrier Distribution Circuit

356-154-501	2	Equalization of Filter Outputs
356-154-502	2	Amplifier Output Power
356-154-503	1	Bus Output Power

Supergroup Carrier Supplies

356-155-501	1	124-kHz Filter Tests
356-155-502	2	124-kHz Harmonic Generator Test
356-155-503	3	Distribution Amplifier Tests — LMX-1 Carrier and Pilot Supply
356-155-504	1	Distribution Bus Power

88-KHz Program Carrier

356-156-501	1	Tests and Adjustments

J68857X Stabilized 64 KHz Pilot Supply

356-160-100	1	Description
356-160-501	1	In-Service Tests

Number	Issue	Subject

L1 Line Pilot Frequencies

356-161-501	2	Tests

Primary Frequency Converter Circuit

356-165-501	4	Input and Output Level Adjustments — LMX-1 and L3 Carrier

Intermediate Frequency Converter

356-166-501	2	516-kHz Output Tests
356-166-502	2	77- and 139-kHz Output Tests
356-166-503	1	1211-kHz Output Tests

520-kHz Harmonic Generator Circuit

356-167-501	3	520-kHz Output Test

Carrier Amplifier Circuits

356-168-501	3	J68828A — Output Tests

2.08-MHz Frequency Supply Circuit

356-169-501	1	Measurement at 2080-KC TST Jack

Transfer and Control Circuit

356-170-501	2	Tests

Primary Carrier Distribution Circuit

356-171-501	3	Output Power and Meter Relay Tests — Primary Carrier Distribution Circuit — LMX-1 and MMX-1 Carrier Supply

Secondary Carrier Distribution Circuit

356-172-501	2	Output Power and Meter Relay Tests

24-Volt AC-DC Supply and Fuse Distributing Circuit

356-173-501	1	Tests

Pilot Generator Circuits

Addendum	2	
356-174-501	1	Combined Harmonic Generating and Flattening Circuit Tests
356-174-502	2	Output Power, Sensitrol Relay, and Amplifier Stability Tests
356-175-501	2	Regular and Standby Pilot Generator Output Tests

Number	Issue	Subject
Emergency Pilot Alarm Control Circuit		
356-176-501	1	Tests
Pilot Distributing Circuits		
356-177-501	1	Output Power Check
356-177-502	1	Measurement of Rectified DC Current and Adjustment of WKG Generator — Sensitrol Relay
Pilot Combining Circuits		
356-179-501	2	Six-Frequency or Two-Frequency Combining Circuit Output
Emergency Pilot Supply		
356-180-501	1	Tests
356-180-502	1	Emergency Pilot Generator Circuits — Tests
64-kHz Synchronizing Frequency Amplifier		
356-181-501	1	Tests and Adjustments
308-KHz Synchronizing Frequency Amplifier		
356-182-501	1	Output Tests
64-KHz Frequency Comparator Circuit		
356-183-501	1	Beat Frequency Test
356-183-502	1	End-of-Range Alarm Tests
308-kHz Frequency Comparator Circuit		
356-184-501	1	Beat Frequency Test
356-184-502	1	End-of-Range Alarm Test
64-kHz and 308-kHz Generator Circuit		
356-185-501	1	Output Power Tests
4139-kHz Reference Frequency Supply		
356-186-501	1	Output Test
Idle Indicator Relay Circuit and Lamps		
356-187-501	1	Operational Check

Number	Issue	Subject
356-2 LMX-2		
356-200/225 Terminal		
Overall System — Description		
356-200-100	4	L600A, L1860A, U300( ) and Conversion to U600
356-200-101	1	Supergroup Distributing Terminal
356-200-501	4	J87288A DC-to-DC Converter
Transmitting Circuits — Group Modulator		
356-205-300	4	Patching Procedures
356-205-501	3	Group and Supergroup Modulators — In- Service Tests
356-205-502	2	Out-of-Service Gain Tests
356-205-503	1	Turnover Tests
Transmitting Circuits — Supergroup Modulator		
356-210-300	3	Patching Procedures
356-210-502	1	Out-of-Service Loss Tests
Receiving Circuits — Supergroup Demodulator		
356-215-300	2	Patching Procedures
356-215-501	6	In-Service Loss Adjustments
356-215-502	3	Out-of-Service Loss Tests
356-215-503	4	C2C Supergroup Regulated Amplifier — Tests
356-215-504	1	Turnover Test
Receiving Circuits — Group Demodulator		
356-220-300	2	Patching Procedures
356-220-501	4	In-Service Gain Tests
356-220-502	1	Out-of-Service Gain Tests
356-220-503	3	B2C Group Regulated Amplifier — Tests
356-220-504	1	Turnover Test
L Multiplex Terminal Circuits J68918 Scanner, Test, and Alarm Equipment		
356-225-100	1	Description
356-225-501	2	Scanner Function Tests
356-225-502	2	Gain Measurement and End-of-Range Alarm Function
356-225-503	2	Supergroup Pilot Measuring Circuit Calibration

Number	Issue	Subject
356-250/275 Carrier and Pilot Supply		
356-250-100	2	Description
Intermediate Frequency Supplies		
356-260-501	1	J68857D and N Output Power Test
356-260-502	2	Output Power Test — Immediate Frequency Supply J68857AE — LMX-2 Carrier and Pilot Supply
Group Carrier Supply		
356-265-501	5	12-kHz Amplifier Output Test — Group Harmonic Generator J68857E
356-265-502	2	Group Primary Distribution Circuit Test
356-265-503	1	Group Secondary Distribution Circuit Test
Supergroup Carrier Supply		
356-270-100	1	Mobile Carrier Supply NJ01344A-1 — Description
356-270-300	1	Restoration Patching
356-270-301	1	Mobile Carrier Supply — Operation and Maintenance
356-270-501	5	Drive Amplifier Tests
356-270-502	3	Modulator Transistor Performance Test
356-270-503	4	Output Power Test
356-270-504	2	Tuned Distribution Circuit Tests and Adjustments
356-270-505	3	Trouble Location Procedures — LMX-2 Carrier and Pilot Supply
356-270-506	3	Phase Jitter Test
Independent Pilot Supply		
356-275-100	1	J68911A 64-kHz and J68911B 512 kHz — Line Pilot Supply and Distribution Circuits — Description
356-275-501	1	Stabilizer and Switch Control Output Tests
356-275-502	1	Distribution Circuit Tests
Addendum	1	
356-275-503	5	64-kHz Line Pilot Supply and Distribution Circuit — Tests — LMX-2
Addendum	1	
356-275-504	3	512-kHz Line Pilot Supply and Distribution Circuit — Tests — LMX-2
356-280/295 L60A/L120A LMX-2 Carrier Terminal		
356-280-100	2	Description
Transmitting Circuits — Group Modulator		
356-281-330	1	Periodic Test Intervals
356-281-501	2	In-Service Pilot Adjustment
356-281-502	3	In-Service Gain Adjustment
356-281-503	2	Out-of-Service Gain Adjustment
Transmitting Circuits — Supergroup Modulator		
356-282-501	3	In-Service Loss Adjustment
356-282-502	2	Loss Tests
Receiving Circuits — Supergroup Demodulator		
356-283-501	4	In-Service Loss Test
356-283-502	3	Out-of-Service Loss Tests
Receiving Circuits — Group Demodulator		
356-284-501	2	In-Service Gain Tests
356-284-502	3	Out-of-Service Gain Tests
Carrier Supply — 4-kHz Primary Frequency Supply		
356-285-501	3	Output Power With 64-kHz Synchronization
356-285-502	3	L60A/L120A — Output Power — Without Synchronization
Carrier Supply — 4-KHz Harmonic Generator		
356-286-501	1	Output Level
Carrier Supply — Channel Carrier Distributing Circuit		
356-287-500	1	Carrier and Pilot Supply Tests
356-287-501	1	Distributing Bus Power
Carrier Supply — Group		
356-288-501	1	12 Kc Amplifier Output
356-288-502	1	Distribution Circuit Output

Number	Issue	Subject
Carrier Supply — Supergroup		
356-289-501	2	Carrier Drive Amplifier Output
356-289-502	2	Distribution Circuit Output at Carrier Test Panel
356-289-503	1	Distribution Circuit Output at the Distribution Bus
Pilot Supply — 64 KHz		
356-290-501	2	Stabilizer Alarm Voltage and Output
Pilot Supply — 92 KHz		
356-291-501	2	Stabilizer Alarm Voltage and Output Pilot Supply —
Pilot Supply — 104.08 KHz		
356-292-501	3	Stabilizer and Output Alarm Voltage
Terminal Circuits		
356-293-501	2	Trunk Loss Measurements
356-293-502	2	Hybrid Tests Measuring Circuits — Group
Group — Measuring Circuits		
356-294-501	3	Calibration
356-294-502	4	L60A/L120A — Amplifier Gain and Meter Calibration
Supergroup Pilot — Measuring Circuits		
356-295-501	3	Calibration
356-295-502	3	L60A/L120A — Supergroup Amplifier Gain and Meter Calibration
356-3 LMX-1/LMX-2, LMX-3		
356-300 General		
356-300-500	1	Maintenance Considerations
356-305/315 Transmitting Circuits		
Supergroup Modulator		
356-305-501	1	In-Service Loss Adjustment
356-305-502	3	Supergroup Bank — Out-of-Service Loss Tests
Group Modulator		
356-315-501	1	In-Service Gain Adjustment
356-315-502	1	Group Bank Gain Tests
356-320/330 Receiving Circuits		
Supergroup Demodulator		
356-320-501	2	In-Service Loss Adjustment
356-320-502	1	Checking Receiving Supergroup Circuits for Turnover
356-320-503	4	Out-of-Service Loss Tests
Group Demodulator		
356-330-501	3	In-Service Gain Tests
356-330-502	1	Checking Receiving Group Circuits for Turnover
356-330-503	2	Circuit Gain Tests
LMX-3 System		
▲356-350-000	3	Analog Multiplex Terminal Equipment — LMX-3 System
356-350-100	3	J68941A and J68941N Combined Bay (U600) — Description
356-350-1013		J68941E and J68941P Group Bank Bay — Description
356-350-1023		J68941F and J68941R Supergroup Bank Bay — Description
356-350-103	2	J68941G Convertible Combined Bay (L600) — Description
356-4 LWM Wideband Modem and Digits on Radio		
356-400/449 LWM Wideband Modem		
▲356-400-100	1	LWM-1 (10 to 51 KC)
▲356-400-500	1	40-KC Wideband Transmission System — Signal Level Tests and Alignment
▲Addendum	2	
▲356-401-100	1	Toll Systems — LWM-5 (2 to 35 KC)
▲356-401-500	2	LWM-5 — Tests
▲356-402-100	2	LWM-6 — Description
▲Addendum	1	
▲356-402-500	3	L Multiplex Terminals — LWM-6 — Tests

Number	Issue	Subject
▲356-405-100	1	190-KHz Wideband Transmission System — LWM-2 — Description
▲356-405-500	1	190-KHz Wideband Transmission System — LWM-2 — Signal-Level Tests and Alignment
▲356-410-100	1	LWM-3 Wideband Modem and LWM-4 Wideband Modem (28 to 44 KC)
▲356-410-500	1	16-KC Wideband Transmission System — Signal Level Tests and Alignment
▲356-411-100	2	LWA-1 Alternate Use Panel — Description
▲356-411-500	1	Alternate Use Panel — Tests

356-450/460 Digital Transmission Terminals for Analog Facilities

1A-RDS (1A Radio Digital System) — Description

356-454-010	2	DDS Preservice Implementation
356-454-020	2	Maintenance Methods
356-454-100	5	Overall Description
356-454-101	5	1A-RDT (1A Radio Digital Terminal) — Description
356-454-102	1	Terminal — Portable Transmitter and Receiver — Description
356-454-300	5	Operation
356-454-302	1	Terminal — Portable Transmitter and Receiver — Operation
356-454-500	4	General Test Information
356-454-501	4	Terminal — Transmitter Tests
356-454-502	3	Terminal — Receiver Tests
356-454-503	3	Switch Status and Control Panel (J68435E) and Remote Switch Status and Control Panel (J68435AD) — Test
356-454-504	2	J68435AC and J87378DC/DC Converters — Tests Terminal
356-454-510	4	Initial Tests for Placing the 1A-RDS In- Service
356-454-511	4	In-Service Trouble-Locating Tests
356-454-512	3	Out-of-Service Trouble-Locating Tests
356-454-520	4	Routine Tests
356-454-530	1	Portable Terminal — Tests

Number	Issue	Subject
Interim Picturephone Service		
❶ 356-455-100	1	Overall System
❶ 356-455-101	1	M2R Terminal Bay
❶ 356-455-102	1	Regenerator Bay
Tests		
❶ 356-455-500	1	General Test Information
❶ 356-455-501	1	M2R Terminal
❶ 356-455-502	1	Digital Regenerator
❶ 356-455-510	1	Trouble Location Tests

Data Over Voice for L4 and L5/L5E Coaxial Cable System (DOV-5)

■ 356-456-901AC	1	Data on Mastergroup (DOM) — FM and SSB Radio Systems — Description
■ 356-456-902AC	1	Data on Mastergroup (DOM) — FM and SSB Radio Systems — Initial Line Up, Testing, Operation, and Maintenance
■ 356-456-920AC	1	Digital Transmission System — Description
■ 356-456-921AC	1	Digital Transmission System — Initial Line Up, Testing, Operation, and Maintenance

DMG-1 (Digital Mastergroup System)

▲356-460-000	2	Maintenance
356-460-100	2	Description

356-5 MMX-2 AND MGT

356-500/524 MMX-2

Overall System — Description — MMX-2C

356-500-100	5	General Description
356-500-101	5	Transmitting and Receiving Circuits
356-500-102	4	Transmission Switching and Alarm Circuits
356-500-103	3	Carrier Supply and Pilot Supply

Overall System — Description — MMX-2R

356-500-110	5	MMX-2R33 and MMX-2R63 — General Description
356-500-111	6	MMX-2R33 and MMX-2R63 — Transmitting and Receiving Circuits

Number	Issue	Subject
356-500-112	4	Transmission Switching and Alarm Circuits
356-500-113	2	Carrier Supply and Pilot Supply
356-500-115	3	MMX-2RA12 — Description
Overall System — Operation		
356-500-301	7	MMX-2 — Removing and Replacing Units
356-500-302	2	Removing and Replacing Units of MMX- 2RA12 Terminal
Overall System — Tests		
356-500-500	6	MMX-2C and MMX-2R — Maintenance Considerations
356-500-501	5	DC-DC Converter J87297A — Checks and Adjustments
Transmitting Circuits — Modulator and Pilot Detector or Detector- Squelch		
356-512-501	5	Checks and Adjustments
Receiving Circuits — Loopback Amplifier		
356-522-501	3	Checks and Adjustments
Receiving Circuits — Demodulator, Mastergroup Equalizer, and Regulator		
356-524-501	6	Checks and Adjustments

356-542/543 Carrier Supply

Binary Generator J68882AL		
356-542-501	5	Checks and Adjustments
Carrier Generator and Distribution Circuit		
356-543-501	3	Checks and Adjustments

365-546/548 Pilot Supply

Mastergroup Pilot Generator J68882AR		
356-546-501	4	Checks and Adjustments
Pilot Distribution Circuit		
356-548-501	2	Checks and Adjustments

Number	Issue	Subject

356-570 MGT (Mastergroup Translator)

Description — MGT		
▲356-570-000	3	Mastergroup Translator System (MGT-A) Analog Multiplex Terminal Equipment
▲356-570-001	3	Mastergroup Translator System (MGT-B) Analog Multiplex Terminal Equipment
356-570-100	3	MGTA and Combiner Circuits
356-570-101	2	MGTB — Description

356-6 JMX (Jumbogroup Multiplex)

356-600 Description — JMX

356-600-100	1	Overall System
356-600-101	1	Transmitting & Receiving Circuits
356-600-102	1	Switch Control and Summary Alarm
356-600-103	1	Carrier Supply

356-620 MMGT-C (Multimastergroup Translator-Cable)

▲356-620-000	1	L5E Carrier System
356-620-100	3	J68955( ) — E Description

356-625 MMGT-R (Multimastergroup Translator-Radio)

356-625-100	1	500B Protection Switching System and Two-Tone Generator — Description — AR6A Single-Sideband Radio System
▲356-625-500	2	500B Protection Switch Controller and AT&T Reference Transmission Unit — AR6A Single Sideband Radio System

Division 357

Wire-Line Entrance LinksBroadband Entrance Links Interconnection

357-0 Index, Equipment Test List, and Tube Type Wire-Line Entrance Links — TD2, TJ, and LMX

357-1 Tube Type Wire-Line Entrance Links — TH and LMX

357-2 Wire-Line Entrance Links: Tube Type — TL and LMX; Transistor Type — TL-2 or TM-1 and LMX ; Transistor Type — TD-2, TJ or TJ/TM-1 and LMX

357-3 3A Wire-Line Entrance Link and Broadband Entrance Links and Interconnection

357-6 200B Protection Switching System

357-8 Broadband Connection Links

Number	Issue	Subject
357-0 Index, Equipment Test List, and Tube Type Wire-Line Entrance Links — TD2, TJ, AND LMX		
357-000 Index		
357-000-000	89	Numerical Index — Division 357 — Wire- Line Entrance Links — Broadband Entrance Links — Interconnection
357-001 Equipment Test List		
357-001-011	8	Equipment Test List
357-005 Electron Tube Type A Wire-Line Entrance Link — TD2 and LMX		
357-005-100	3	Description
357-005-101	2	Transmitting Link
357-005-102	2	Receiving Link
357-005-103	2	Testing Methods
357-005-104	2	Equipment Arrangements
357-005-500	2	General
357-005-501	2	Initial Tests and Adjustments
357-005-502	7	Equalization and Gain-Frequency Lineup
357-005-503	3	Overall Lineup
Addendum	1	
357-005-505	2	64-kHz Pilot and Noise Indicator Adjustment
357-005-506	2	Pilot Measurements
Addendum	1	
357-005-507	1	Line Switching Circuit
357-005-509	3	Maintenance Tests and Maintenance Summary
357-005-510	2	Lineup
357-010 Electron Tube Type B Wire-Line Entrance Link — TD2 and LMX		
357-010-100	2	Description
357-010-101	1	Transmitting Link
357-010-102	1	Receiving Link
357-010-103	1	Testing Methods
357-010-104	1	Equipment Arrangements
357-010-500	1	General
357-010-501	1	Initial Tests and Adjustments
357-010-502	2	Equalization and Gain-Frequency Line-Up Tests
357-010-503	2	Over-All Line-Up
357-010-504	1	High-Frequency Line — Noise and Spurious Tone Check
357-010-505	2	64-kHz Pilot and Noise Indicator Adjustment
357-010-506	1	Pilot Measurements
357-010-507	1	Line Switching Circuit
357-010-509	2	Maintenance Tests and Maintenance Summary
357-015 Electron Tube Type C Wire-Line Entrance Link — TD2 and LMX		
357-015-500	1	Operating Methods Type C Facilities
357-020 Electron Tube Type A Wire-Line Entrance Link — TJ and LMX		
357-020-100	2	Description
357-020-500	1	General
357-020-501	2	Initial Tests and Adjustments
Addendum	3	
357-020-502	2	Equalization and Gain-Frequency Lineup Tests

Number	Issue	Subject
357-020-503	2	Over-All Line-Up
357-020-504	1	Pilot Adjustments
357-020-505	1	Pilot Measurements

357-025 Electron Tube Type B Wire-Line Entrance Link — TJ and LMX

357-025-100	1	Description
357-025-500	1	General
357-025-501	2	Initial Tests and Adjustments
Addendum	1	
357-025-502	1	Equalization and Gain-Frequency Line-Up Tests
357-025-503	1	Over-All Line-Up
357-025-504	1	Pilot Adjustments
357-025-505	1	Pilot Measurements

357-030 Electron Tube Type A Wire-Line Entrance Link — TJ and LMX

357-030-100	2	Description
357-030-500	2	General
357-030-501	2	Initial Tests and Adjustments
357-030-502	2	Equalization and Gain-Frequency Line-Up Tests
357-030-503	2	Over-All Line-Up — Terminal-to-Terminal
357-030-504	2	Posted Pilot Measurements
357-030-505	2	Pilot Measurements

357-035 Branching Arrangements at TD2 Radio Junction Points

357-035-500	2	Adjustments and Gain-Frequency Line-Up Tests

357-1 Tube Type Wire-Line Entrance Links — TH and LMX

357-100 Wire-Line Entrance Link — TH-1

Addendum	1	
357-100-100	2	Circuit Description
357-100-500	2	Message Connecting Link — Interconnection of TH-1 Radio and L Facilities — Initial Lineup and Maintenance Tests
Addendum	1	
357-100-505	1	Power Supplies
357-100-510	4	Message Connecting Link for Interconnection of TH-1 Radio and L Facilities — Switching Circuits
Addendum	1	
357-100-515	1	Amplifiers and Regulators
Addendum	1	
357-100-520	1	Gain Equalization of Message Connecting Links
Addendum	1	
357-100-522	2	Bridging, Blocking, and Dropping Points — Tests and Adjustments
Addendum	1	
357-100-525	2	Replacement of Trunks
Addendum	1	
357-100-530	1	Repair of Amplifiers and Regulators

357-2 Wire-Line Entrance Links: Tube Type — TL and LMX; Transistor Type — TL2 or TM1 and LMX; Transistor Type — TD2, TJ or TJ/TM1 and LMX

357-200 Electron Tube Type A Wire-Line Entrance Link — TL and LMX

357-200-100	3	Circuit Description
357-200-500	1	Type A Basic Message Connecting Link for Connection of L-Type Multiplex to TL Radio — Initial Lineup and Maintenance Tests
357-200-501	2	Equalization and Gain-Frequency Line-Up Tests
357-200-503	3	Pilot Measurements and Maintenance Summary
357-200-505	2	Amplifier Replacement

357-205 Transistor Type A Wire-Line Entrance Link — TL2/TM1 and LMX

357-205-100	3	Description
357-205-500	1	Initial Lineup and Maintenance Test
357-205-501	6	Equalization and Gain-Frequency Line-up Tests
357-205-503	3	Pilot Measurements
357-205-505	1	Amplifier Replacement

Number	Issue	Subject
357-210 Transistor Type A Wire-Line Entrance Link — TD2 and LMX		
357-210-100	1	Description
357-210-500	1	Initial Lineup and Maintenance Tests
Addendum	1	
357-210-501	2	Equalization and Gain-Frequency Line-Up Tests
357-210-503	2	Pilot Measurements and Maintenance Summary
357-215 Transistor Type A Wire-Line Entrance Link — TJ or TJ/TM1 and LMX		
357-215-100	1	Description
357-215-500	1	Initial Lineup and Maintenance Tests
357-215-501	4	Equalization and Gain-Frequency Line-up Tests
357-215-503	2	Pilot Measurements and Maintenance Summary
357-215-505	1	Amplifier Replacement
357-220 Transistor Type B Wire-Line Entrance Link — TD2 Radio and LMX		
357-220-100	1	Description
357-220-501	1	Initial Line-Up Tests, Equalization, Gain- Frequency Tests and Maintenance Tests
357-220-503	1	Pilot Measurements
357-3 3A Wire-Line Entrance Link and Broadband Entrance Links and Interconnection		
357-300 3A Wire-Line Entrance Link		
357-300-100	3	Description
Tests		
357-300-501	4	Initial Checks and Adjustments
357-300-502	5	64-kHz and 512-kHz Pilot Tests and Adjustments
357-300-503	1	197A Gauge — Calibration and Operating Procedures
357-300-507	3	J68435K or J68435M Message-Data Combining Panel — Alignment and Switch Tests

Number	Issue	Subject
357-301 Nonrepeatered Links — Equalization and Gain-Frequency Tests		
357-301-501	8	Multiplex-to-Radio With 200A and FMAS Switching Systems
357-301-502	1	MX-to-MX and 200B Protection Switching
357-301-503	1	Used Unprotected With Short-Haul Radio
357-301-504	1	Used Protected With Radio By 400B Switching
357-301-505	4	TD/TH DEDWLEL
357-301-506	1	For Short-Haul Radio and J68436B Protected Gain and Equalization Unit
357-301-507	2	Multiplex-to-Radio With 300A or 401B Switching Systems — 3A Wire-Line Entrance Link
357-302 Repeatered Links		
357-302-501	4	Equalization and Gain-Frequency Tests — Multiplex-to-Radio Repeatered Link
357-302-502	1	Equalization and Gain-Frequency Tests — MX-to-MX and 200B Protection Switching
357-302-511	1	Powering Remote Repeaters
357-303 TH-1 Radio		
357-303-100	2	Description
357-303-501	2	Initial Checks and Adjustments
357-303-503	2	3A Message-Connecting Link for Use With TH-1 Radio — Gain-Frequency Equalization, Lineup Tests, and 308 or 512-kHz Pilot Adjustment
357-303-505	1	3A Message-Connecting Link for Use With TH-1 Radio — Bridging, Blocking, and Dropping Points — Gain-Frequency Adjustments
357-303-506	2	3A Message-Connecting Link for Use With TH-1 Radio — Replacement of Trunks

Number	Issue	Subject
357-304 Mastergroup Branching		
357-304-100	1	J68421 — Description
357-304-500	2	J68421 — Initial Lineup and Maintenance
357-311/314 Broadband Entrance Links		
Group Entrance Link Per SD-50968-01		
357-311-100	2	Description
357-311-501	1	Initial Tests and Adjustments
357-311-502	2	Trouble Location
357-311-503	1	Interface Criteria — Tests
Supergroup Entrance Link Per SD-50700-01		
357-312-100	1	Description
357-312-501	1	Initial Lineup
357-312-502	1	Trouble Location
1A Radio Digital System Digroup Connector		
357-313-100	1	Description
357-313-501	2	J68440A 1A RDS Digroup Connector — Alignment of Intermediate Digroup Connector
357-313-502	2	J68440A 1A RDS Terminal Digroup Connector — Receiving Access Trunk and J68435H Transmitting Access Panel — Access Trunk Alignment
357-313-503	2	J68440A 1A RDS Digroup Connector and J68435H Transmitting Access Panel — Routine In-Service and Out-of-Service Tests
357-313-504	2	Maintenance Patching and Spare Trunk Patching
357-314-501	2	Interface Trouble Isolation Tests and Measurements for 1A RDS Long-Haul Systems

Number	Issue	Subject
357-6 200B Protection Switching System		
357-610-100	1	Description — Overall System
357-610-101	1	Description — Automatic and Manual Control Circuits — Transmitting and Receiving Switching Systems
357-610-102	1	Description — Indications, Alarms, and Alarm Circuits
357-610-103	1	Description — Sensor Circuits
357-610-104	1	Description — Monitoring and Test Facilities
357-610-105	1	Description — Power Requirements and Distribution
357-610-300	1	Operation — Overall System
357-610-500	1	Tests — Overall System
357-610-501	1	Tests — Transmitting — Automatic and Manual Control Circuits
357-610-502	1	Tests — Receiving — Automatic and Manual Control Circuits
357-610-503	3	Tests — J68382E-1 Baseband Amplifier Rectifier
357-610-504	1	Tests — J68398P Metering Circuit
357-8 Broadband Connection Links		
357-825 Surveillance Interface Panel		
357-825-100	1	Groupband Data Links — Description
357-825-500	1	Groupband Data Links — Tests and Adjustments
357-826 Surveillance Control Panel		
357-826-100	1	Description
357-826-500	1	Tests and Adjustments

Division 358

Type L1 Carrier Telephone System and Associated Equipment Components

358-0 Index, L1 Carrier — Terminals, Repeaters, Power Supplies, Overall System and B2 and C2 Television Terminals
-000 Indexes
-020 Power Supply at Main an Auxiliary Repeaters
-021 Repeater and Amplifier Power Supply
-022 Power Line-Up
-025 Auxiliary Repeaters
-026 Auxiliary Repeaters — Equipment Replacements and Adjustments
-035 Main and Terminal Repeaters and Associated Equipment
-050 Type L1 Carrier — Equalizing Auxiliary Repeater
-075 Type L1 Carrier — Line-Up of Over-All System
-076 Type L1 Carrier — Flow Charts Showing Sections Involved in Line-ups
-077 Line-Up of L Unit — Pilot Supply Not Available at Testing Office
-078 Line-Up of L Unit
-079 Over-All Line-Up of Supergroup, Group, and Channel Group Layouts
-080 Terminal or Branching Point — Terminal-to-Terminal Tests
-090 B2 and C2 Television Terminals
-091 B2 Television Transmitting Terminal and C2 Television Receiving Terminals
-092 B2 Television Transmitting Terminal — Line-Up Procedures
-093 C2 Television Receiving Terminal — Line-Up Procedures
-094 B2 and C2 Television Terminals — Trouble Location Tests
-095 B2 Television Transmitting Terminal — Trouble Location Tests
-096 C2 Television Receiving Terminal — Trouble Location Tests

358-1 B3 and C3 Television Terminals
-100 Television Terminals
-101 B3 Transmitting Terminal — Line-Up Procedures
-102 C3 Receiving Terminal — Line-Up Procedures
-103 B3 Transmitting and C3 Receiving Terminals — Trouble Location Tests
-104 B3 Transmitting Terminal — Trouble Location Tests
-105 C3 Receiving Terminal — Trouble Location Tests

Number	Issue	Subject
358-0 Index, L1 Carrier — Terminals, Repeaters, Power Supplies, Overall System and B2 and C2 Television Terminals		
358-000 Indexes		
358-000-000	19	Numerical Index — Division 358 — Type L1 Carrier Telephone System and Associated Equipment Components
358-001 Equipment Test Lists		
358-001-011	5	ETL
358-010 Terminals, Repeaters and Over-all System		
358-010-100	2	General Description of Over-all High- Frequency Line
358-010-101	1	Repeaters
358-010-102	1	Amplifiers
358-010-103	1	Regulators
358-010-104	1	Equalizers
358-010-105	1	Pilot Indicators
358-010-106	1	Pilot Alarm System
358-010-107	1	Line Switching Arrangements
358-010-108	1	Repeater Power Supply Arrangements
358-010-300	2	Terminals, Repeaters and Over-all System — General
358-010-301	2	Tests on Equipment Associated With the L1 System
358-010-310	1	Alarms at Main Stations
358-010-311	1	Equipment Replacements
358-010-312	1	Switching of Equipment
358-010-313	1	Removing Equipment From Service
358-010-314	2	Investigation of Operating Irregularities
358-010-315	1	Operation of Unattended Offices Using B-1 Alarm and Control System

Number	Issue	Subject
358-020 Power Supply at Main and Auxiliary Repeaters		
358-020-500	2	General
358-020-510	1	Looping at Auxiliary Repeaters
358-021 Repeater and Amplifier Power Supply		
358-021-501	2	General
358-021-502	1	Adjustment of Heater and Plate Voltages
358-021-503	1	Adjustment of Voice Frequency Repeater Power Transfer Circuit
358-021-504	1	Adjustment of 4-Volt Equalizer Thermistor Heater Supply Circuit at Equalizing Auxiliary Repeaters
358-021-505	1	Replacement of H Capacitor at Auxiliary and Main Repeaters
358-022 Power Line-Up		
358-022-500	2	General
358-022-501	1	Preliminary Tests and Adjustments Using 13-Type Power Units
358-022-502	1	Preliminary Tests and Adjustments Using Power Over Coaxials
358-022-503	1	Equipping Power Section With Live Loads and Adjustment of 2064 KC Pilot
358-022-504	1	Final Adjustment of Voltages
358-022-505	1	Adjustment of Power Loading
358-025 Auxiliary Repeaters		
358-025-500	2	General
358-025-501	1	Voltage and Current Measurements
358-025-502	1	Measurement of 2064 KC Pilot
Addendum	1	
358-025-503	1	Adjustment of Automatic Regulators
358-025-504	1	Adjustment of Double Manual Gain Control Units or Manual Regulators
Addendum	1	
358-025-505	1	Amplifiers — 3096 KC Activity Test
358-025-506	1	Automatic Regulators — Activity Test
358-026 Auxiliary Repeaters — Equipment Replacements and Adjustments		
358-026-501	1	Repeater Panel — Installation
358-026-502	1	Adjustment of Building-Out Capacitors
358-026-503	1	Repeater Panel — Removal
358-026-504	2	Replacement of Automatic and Manual Regulators
358-026-505	1	Replacement of Double Manual Gain Control Units
358-026-506	2	Replacement of Amplifiers
358-026-507	1	Pilot Alarm Units — Replacement and Check of Operation
358-035 Main and Terminal Repeaters and Associated Equipment		
Addendum	4	
358-035-500	4	Type L1 Repeater and Associated Equipment at Main and Terminal Repeaters
358-035-800	1	Replacing Relays in Line Switch Panel
358-050 Type L1 Carrier — Equalizing Auxiliary Repeater		
358-050-500	3	Equalizing Auxiliary Repeater
358-075 Type L1 Carrier — Line-Up Of Over-All System		
358-075-500	2	General
358-075-501	2	High-Frequency Line — Tests and Adjustments
358-076 Type L1 Carrier — Flow Charts Showing Sections Involved in Line-Ups		
358-076-501	1	L Unit Equipped With A Equalizers Only
358-076-502	1	L Unit Equipped With A and B Equalizers
358-076-503	1	L Units in Tandem Equalized by Single B Equalizer

Number	Issue	Subject
358-077 Line-Up of L Unit — Pilot Supply Not Available at Testing Office		
358-077-501	1	Line Pilots Furnished From Remote Office Using Spare L Unit
358-077-502	1	Line Pilots Furnished From Remote Office Using Released Television Facilities
358-078 Line-up of L Unit		
358-078-501	1	Check of A Equalizer Thermistor Oven and Battery Supply Circuit
358-078-502	1	Preliminary Adjustment of A Equalizer at Main Repeaters for Initial Line-Ups
358-078-503	1	Procedure at Equalizing Auxiliary Repeater
358-078-504	1	Procedure at Nonswitching Main Repeater
358-078-505	1	Measurement of Thermistor Heater Voltage
358-078-506	1	Typical Testing Connections for Multiline Manual Switching Arrangements
358-078-507	1	Adjustment of A1 (316A) Equalizer
358-078-508	1	Terminal or Switching Main Repeater — Procedure for L Unit Equipped with A Equalizers Only
358-078-509	1	Nick Equalization Adjustments — L Unit Equipped With A and B Equalizers — Terminal or Switching Main Repeater
358-078-510	1	Procedure for L Unit Equipped With A and B Equalizers — Terminal or Switching Main Repeater
358-078-511	1	Over-All Line-Up of L Units in Tandem Equalized by Single B Equalizer
358-078-512	1	Check of Calibration Settings of 2800 Fine Frequency Controls of A Equalizer
358-078-513	1	Loss Change Produced by Controls of A Equalizer
358-078-514	1	Loss Change Produced by Controls of B Equalizer
358-078-515	1	Basic Loss Characteristics of A Equalizer
358-078-516	1	Measurement of Received Line Pilots at WKG or SP LINE OUT Jacks — Terminal or Switching Main Repeater
358-078-517	1	Over-All Check of Pilot Alarm System
Addendum	1	
358-078-518	1	Type L1 Carrier — Test and Adjustment of 219B Phase Build-Out Equalizer
358-079 Over-All Line-Up of Supergroup, Group, and Channel Group Layouts		
358-079-501	2	Terminal-to-Terminal Tests and Adjustments
358-079-502	2	Flow Chart Showing Sections Involved in Line-Up of L Carrier Group Layout and Channel
358-079-503	1	L1 Carrier Overall System Modulation Tests
358-080 Terminal or Branching Point — Terminal-to-Terminal Tests		
358-080-506	2	Channel Net Gain Measurement and Adjustment
358-080-508	2	Terminal-to-Terminal Tests L1 Carrier — Terminal Level Measurements
358-090 B2 and C2 Television Terminals		
358-090-100	1	B2 and C2 Television Terminals
358-090-125	1	B2 and C2 — J68802N Test Oscillator
358-090-500	2	B2 Transmitting Terminal — C2 Receiving Terminal
358-091 B2 Television Transmitting Terminal and C2 Television Receiving Terminals		
358-091-500	2	Line-Up Procedures
358-091-501	1	Electron Tube Tests
358-091-502	1	Power Supply Tests and Adjustments

Number	Issue	Subject
358-092 B2 Television Transmitting Terminal — Line-Up Procedures		
358-092-500	2	General
358-092-501	1	Modulator Carrier Oscillator Levels
358-092-502	1	First Modulator Carrier Balance
358-092-503	1	Second Modulator Carrier Balance
358-092-504	1	Gain Adjustment
358-092-505	1	Excess Carrier Adjustment
358-092-506	1	622-kc Modulation Product
358-092-507	1	Frequency Characteristic
358-092-508	1	Normal Operating Arrangement
358-093 C2 Television Receiving Terminal — Line-Up Procedures		
358-093-500	2	General
358-093-501	1	Demodulator Carrier Oscillator Level
358-093-502	1	Gain Adjustment
358-093-503	1	Demodulator Carrier Balance
358-093-504	1	Frequency Characteristic
358-093-505	1	Normal Operating Arrangement
358-094 B2 and C2 Television Terminals — Trouble Location Tests		
358-094-500	2	General
358-094-501	1	Line Frequency Amplifier — Frequency Characteristic
358-094-502	1	Line Frequency Amplifier — Overload Test
358-094-503	1	Line Frequency Amplifier — Harmonic Generation or Modulation Test
358-094-504	1	Terminal Back-to-Back Test
358-095 B2 Television Transmitting Terminal — Trouble Location Tests		
358-095-500	2	General
358-095-501	1	Modulator Transmission Tests
358-095-502	1	500C Filter — Frequency Characteristic
358-096 C2 Television Receiving Terminal — Trouble Location Tests		
358-096-500	2	General
358-096-501	1	8256-kc Band-Elimination Filter Test
358-096-502	1	Demodulator Transmission — Frequency Characteristic
358-096-503	1	Detector-Amplifier Transmission — Detector Measurements
358-096-504	1	Detector-Amplifier Transmission — Amplifier Measurements
358-096-505	1	Detector-Amplifier Transmission — Clamper Amplifier Section
358-096-506	1	Pilot Elimination Filter
358-096-507	1	500D Filter — Transmission Frequency Characteristic
358-096-508	1	Restorer — Transmission Frequency Characteristic
358-1 B3 and C3 Television Terminals		
358-100 Television Terminals		
358-100-100	1	B3 and C3
358-100-500	2	B3 Transmitting Terminal — C3 Receiving Terminal
358-101 B3 Transmitting Terminal — Line-Up Procedures		
358-101-500	2	General
358-101-501	1	Electron Tube Tests and Power Supply Tests and Adjustments
358-101-502	1	Modulator Carrier Oscillator Levels
358-101-503	1	First Modulator Carrier Balance — Luminance Channel
358-101-504	2	Second Modulator Carrier Balance — Luminance Channel
358-101-505	1	Gain Adjustment — Luminance and Chrominance Channels
358-101-506	2	Excess Carrier Adjustment — Luminance Channel
358-101-507	1	622-kc Modulation Product — Luminance Channel
358-101-508	2	Frequency Characteristic — Luminance and Chrominance Channels

Number	Issue	Subject
358-101-509	2	Automatic Switch Operation Test
358-101-510	1	Normal Operating Arrangement

358-102 C3 Receiving Terminal — Line-Up Procedures

358-102-500	2	General
358-102-501	1	Electron Tube Tests and Power Supply Tests and Adjustments
358-102-502	1	Demodulator and Modulator Carrier Oscillator Levels
358-102-503	4	Gain Adjustment — Luminance and Chrominance Channels
358-102-504	1	Demodulator Carrier Balance — Luminance Channel
358-102-505	2	Frequency Characteristic — Luminance and Chrominance Channels
358-102-506	2	Automatic Switch Operation
358-102-507	1	Normal Operating Arrangement

358-103 B3 Transmitting and C3 Receiving Terminals — Trouble Location Tests

358-103-500	2	General
358-103-501	2	6.192-mc Carrier Supply — Chrominance Channel
358-103-502	1	3.6-mc Amplifier — Frequency Characteristic
358-103-503	1	Modulator Transmission Loss — Chrominance Channel
358-103-504	1	Line Frequency Amplifier — Frequency Characteristic
358-103-505	1	Line Frequency Amplifier — Overload Test
358-103-506	1	Line Frequency Amplifier — Harmonic Generation or Modulation Test
358-103-507	1	Terminal Back-to-Back Test

358-104 B3 Transmitting Terminal — Trouble Location Tests

358-104-500	2	General
358-104-501	1	Modulator Transmission Tests — Luminance Channel
358-104-502	1	Input Bridging Amplifier — Chrominance Channel
358-104-503	1	500C Filter — Frequency Characteristic
358-104-504	1	557A Low-Pass Filter — Frequency Characteristic
358-104-505	1	557B Bandpass Filter — Frequency Characteristic

358-105 C3 Receiving Terminal — Trouble Location Tests

358-105-500	2	General
358-105-501	1	8256-kc Band-Elimination Filter Test — Luminance Channel
358-105-502	2	Demodulator Frequency Characteristic — Luminance Channel
358-105-503	1	Detector-Amplifier Frequency Characteristic — Luminance Channel Detector Measurements
358-105-504	1	Detector-Amplifier Frequency Characteristic — Luminance Channel Amplifier Measurements
358-105-505	1	Detector-Amplifier Frequency Characteristic — Luminance Channel Clamper- Amplifier Section
358-105-506	2	Output Mixing Amplifier Frequency Characteristic — Luminance and Chrominance Channels
358-105-507	2	Output Mixing Amplifier — Differential Gain and Phase
358-105-508	2	Pilot-Elimination Filter — Luminance Channel
358-105-509	1	500D Filter Frequency Characteristic — Luminance Channel
358-105-510	2	Restorer Frequency Characteristic — Luminance Channel
358-105-511	1	557C Low-Pass Filter Frequency Characteristic — Luminance Channel
358-105-512	1	557C Bandpass Filter Frequency Characteristic — Chrominance Channel

Division 359

L3, L4, L4S, L5, and L5E Carrier

359-0 Indexes, Equipment Test List, and L3 Carrier

359-1 Common Equipment

359-2 L4 and L4S Carrier

359-3 L5 and L5E Carrier

Number	Issue	Subject
359-0 Indexes, Equipment Test List, and L3 Carrier		
359-000 Indexes		
359-000-000	39	Numerical Index — Division 359 — L3, L4, L4S, L5, and L5E Carrier
359-001 Equipment Test List		
359-001-011	11	Analog Carrier
359-001-012	1	L Carrier Common — Analog Carrier
359-001-013	1	L4 and L4S Carrier — Analog Carrier
359-001-014	1	L5 and L5E Carrier — Analog Carrier
359-010/090 Type L3 Carrier — Terminals, Repeaters, and Overall System		
Description		
359-010-100	5	Overall System
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359-010-105	6	Description
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359-010-115	3	Regulators, Equalizers, Pilot Indicators and Alarms
359-010-120	5	Repeater Power Supply
359-010-130	2	Line Connecting Arrangements
359-010-131	1	Line Connecting Arrangements — Associated Drawings
359-010-135	1	Pearl Line Arrangements
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359-010-300	2	General
359-010-301	2	Tests on Equipment Associated with the Type L3 Carrier System
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359-020-512	3	Power Loading Adjustment — L3 Power Section — PS1 Power System — Line Loading Not Computed
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359-020-514	4	Auxiliary Repeater Power Supplies
359-020-515	3	Equalizing Auxiliary Repeater Power Supplies
359-020-516	3	Terminal Main Repeater Power Supplies (Constant Current Feed)
359-020-517	2	Main and Terminal Repeater Power Supplies (Constant Voltage Feed)
359-020-518	2	Associated Power Supplies
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359-025-500	6	PS1 and PS2 Power Systems — Equipment Unit Replacement Procedures
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359-035-505	5	L3 Carrier — Repeater and Associated Equipment at Main Repeaters — Maintenance Procedures
359-035-506	3	Cross-Coupling Test — L3 Coaxial Carrier System

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359-075-301	2	L3 Carrier — Line Removal From and Restoral to Service
359-076 Gain Equalization of an L3 Unit		
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359-077-500	1	General
359-077-501	2	DEL BO (475A) and Slope EQ (226L) Adjustment at Switching and Terminal Main Repeaters Equipped with 6-Pilot Regulation
359-077-502	1	Adjustment of TV EQ A, TV DROP EQ A, (336A) Gain and Delay Mop-Up Equalizer
359-077-503	1	Adjustment at Switching Main and Terminal Repeaters Slope EQ (226L) Adjustment
359-078 Over-All System Tests — Terminal to Terminal		
359-078-500	2	General
359-078-501	1	308 KC Synchronizing Frequency Amplifier Output Check
359-078-502	1	Check of Synchronization of 4-KC Frequency Supply Circuits
359-080 Frequency Charts		
359-080-501	4	Frequency Charts and Level Diagrams
359-090 T3 and R3 Television Terminals		
359-090-100	3	Description
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359-100-505	3	Detector Circuits
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359-200-104	4	Line Connecting Circuits
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359-200-201	3	Basic Repeater Selection
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359-200-500	2	Maintenance Considerations
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359-200-506	2	Noise Loading
359-200-507	3	Intermodulation Noise
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359-200-520	4	Frequency Charts and Level Diagrams
359-205 Repeaters		
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359-205-301	4	Replacement Procedures at Main Stations
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359-205-500	2	General Maintenance and Test Information
359-205-501	2	At Basic Repeater Location
359-205-502	2	At Regulating Repeater Location
359-205-503	4	Equalizing Repeater Location
359-205-504	5	In-Service Main Station Equipment
359-205-505	4	J68877AA Basic Repeater — L4 Carrier
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359-205-506	5	Regulating Repeater J68877AB
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359-205-507	3	J68877AC Regulating Repeater
359-205-508	5	Transmitting Repeater J68877AM
359-205-509	5	Receiving Repeater J68877AN
359-205-510	2	Monitoring Oscillator Assembly — Frequency and Output Power
359-205-511	6	Equalizing Repeater Equipment Units
359-205-512	1	Manual A Equalizer J68877EJ
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359-215-501	6	Receiving Circuits
359-215-502	6	Receiving MMX-2 Connecting Circuit
359-215-503	3	Line Branching Circuit
359-215-504	7	Transmitting MMX-2 Connecting Circuit
359-215-505	4	Mastergroup Blocking Circuit
359-215-506	3	512-kHz Pilot Stabilization and Distribution Circuit
359-215-507	4	11.648-MHz Pilot Generator and Distribution Circuit
359-215-509	5	Line Pilot Insertion
359-215-510	4	Transmitting Line Amplifier
359-215-511	2	Synchronization Receiving Circuits
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359-215-513	2	Receiving Amplifier
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359-220-300	4	Method of Operation
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359-220-500	1	General
359-220-501	2	DC Logic
359-220-502	3	Control Center Command Signals
359-220-503	5	Control Center Receiving Circuit
359-220-504	3	Control System and Loopback Circuits
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359-230-101	1	Line Repeaters
359-230-102	1	Main Station Transmission
359-230-103	1	Line Connecting Circuits
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359-230-300	1	Operating Procedures
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359-230-500	1	Maintenance Considerations
359-230-501	2	Equalization Procedure

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359-3 L5 and L5E Carrier		
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359-300-101	2	Line Repeaters
359-300-102	2	Main Station Repeaters and Equalizers — Description and Operation
359-300-103	2	Line Protection Switching System 3
359-300-104	3	Main Station Line Connecting Circuits — Description and Operation — L5/L5E Carrier
359-300-105	2	Transmission Surveillance System — Cable
359-300-106	2	Centralized Order Wire Bay
359-300-107	2	Transmission Surveillance System (TSS) — General Administrative Procedures
359-300-108	2	Portable Line Pilot Generator — J68919BK, L2 — Description, Operation, and Maintenance
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359-300-300	1	L5/E2 Alarm Analysis
359-300-301	1	L5E/E2 Alarm Analysis
359-300-310	1	Transmission Surveillance System — Computer and Peripherals (Disc System) — General Operation
359-300-311	2	Transmission Surveillance System (TSS) — Computer and Peripherals (Disk System) — Data Base Management — L5/L5E Carrier
359-300-312	1	L5/L5E Carrier — Transmission Surveillance System — Cable — Application Programs
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359-300-500	2	Maintenance Considerations
359-300-510	1	Transmission Surveillance System — Cable — Computer and Peripherals (Punched Paper Tape Diagnostics) — Maintenance
359-300-520	2	L5/L5E Carrier Frequency Charts
359-300-521	1	Transmission Level Diagram
Task Oriented Practices		
▲359-370-000	2	L5/L5E Carrier System — Line Repeater Units — Pre-Installation Tests and Alignments
▲359-372-001	1	L5E Main Station T/R Bays — L5/L5E Carrier System
▲359-373-000	1	Line Protection Switching System 3 (LPSS-3) L5/L5E Carrier System
▲359-375-001	2	L5E Carrier System — Line Switching Section — Acceptance and Alignment
▲359-377-000	1	L5/L5E Carrier System — Transmission and Surveillance Auxiliary
▲359-381-000	1	L5/L5E Carrier System — Transmission Surveillance Center Bay Equipment

Division 360

Maintenance Center TestsEquipment Components Type L1 and Type L3 Carrier Telephone Systems

360-0 Indexes, Equipment Test Lists, L1 Maintenance Center Test Equipment and Procedures

360-1 L3 Maintenance Center

Number	Issue	Subject
360-0 Indexes, Equipment Test Lists, L1 Maintenance Center Test Equipment and Procedures		
360-000 Indexes		
360-000-000	10	Numerical Index — Division 360 — Maintenance Center Tests — Equipment Components — Type L1 and Type L3 Carrier Telephone Systems
360-001 Equipment Test Lists		
360-001-011	1	Maintenance Center Tests — Equipment Components — Type L1 and Type L3 Carrier Telephone Systems
360-010 L1 Maintenance Centers — Test Equipment		
360-010-105	2	Regulator Repair and Repeater Test Provisions
360-010-110	1	24-Type Oscillators
360-010-115	1	3A and 3B Amplifier-Detectors
360-020 Reconditioning of Type L1 Carrier Equipment Components		
360-020-300	2	Tests and Maintenance Center
360-025/034 Regulator Repair and Repeater Tests at L1 Maintenance Centers		
360-025 General Considerations — Regulators		
360-025-500	2	Test Circuit Preparation — Electron Tube Tests and Adjustment of Pilot Frequency Test Power
360-026 Repair of J68806A, B and D Regulators		
360-026-501	2	J68806A, B and D regulators for Main and Terminal Stations
360-026-502	1	Adjustment of Voltage and Regulator Tuning
360-026-503	1	Oscillator Adjustment
360-026-504	1	Operational Tests With SENS Switch in TR Position
360-026-505	1	Regulation Range
360-026-506	1	Activity and Tap Tests
360-027 Repair of J68806CA Regulators		
360-027-501	2	J68806CA Regulators for Main and Terminal Stations
360-027-502	1	Adjustment of Voltage and Regulator Tuning
360-027-503	1	Oscillator Adjustment
360-027-504	1	Regulation Range
360-027-505	1	Activity and Tap Tests
360-028 Repair of J68806C Regulators		
360-028-501	2	J68806C Regulators for Use at Auxiliary Repeater Stations
360-028-502	1	Adjustment of Voltages and Regulator Tuning
360-028-503	1	Oscillator Adjustment
360-028-504	1	Regulation Range
360-028-505	1	Activity and Tap Tests
360-029 Repair of D Specification Regulators		
360-029-501	2	D-158408, D-160325 and D-160683 Regulators
360-029-502	1	Electron Tube Tests and Adjustment of Voltages
360-029-503	1	Regulator Tuning
360-029-504	1	Oscillator Adjustment
360-029-505	1	Regulation Range
360-029-506	1	Operational Tests With SENS Switch in TR Position
360-029-507	1	Activity and Tap Tests
360-029-508	1	Neutralization
360-030 Manual Gain Control		
360-030-501	1	Test of Units

Number	Issue	Subject
360-031 Manual Regulators		
360-031-501	1	Test of Units
360-032 Test of Amplifiers		
360-032-501	2	Amplifiers
360-032-502	1	Test Set Calibration and BOC Adjustment
360-032-503	1	Test Circuit Preparation
360-032-504	1	Insulation Resistance of Plate Circuit
360-032-505	2	Heater Current and Plate Current Measurements
Addendum	1	
360-032-506	1	Gain and Activity of Regulating Amplifiers
360-032-507	2	Gain and Activity of Nonregulating Amplifiers
360-033 Auxiliary Repeater Panels		
360-033-501	2	Auxiliary Repeater Panels
360-033-502	1	Direct Current and Inspection Tests
360-033-503	1	Power Supply Measurements
360-033-504	1	Test Circuit Preparation for Loss Measurements
360-033-505	1	Loss Measurements — Output PSF Plus BOC OUT
360-033-506	1	Loss Measurements — Input PSF Plus Basic Equalizer Plus BOC IN
360-033-507	1	Loss Measurements — Input PSF
360-033-508	1	Loss Measurements — Basic Equalizer
360-033-509	1	Adjustment of Building-Out Capacitors
360-033-510	1	Loss Measurements — Line Building-Out Networks
360-034 Pilot Alarm Units		
360-034-501	1	Test of Operation
360-1 L3 Maintenance Center		
360-110 Test Equipment		
360-110-105	4	Provisions for Test of Amplifiers and Repair of Regulators
360-120 Reconditioning of Type L3 Carrier Equipment Components		
360-120-300	2	Tests and Maintenance Center
360-125 Amplifiers and Regulators		
Addendum	1	
360-125-501	6	Test of Amplifiers and Regulators

Division 361

Service Center TestsType N, O, and ON Carrier Systems

361-0 Indexes, Equipment Test Lists and General Information

361-1 Channel Units

361-2 Group Equipment

361-3 Repeaters

361-4 Filters

361-5 Deviation Regulators

361-6 Switching Sets

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361-0 Indexes, Equipment Test Lists and General Information		
361-000 Index		
361-000-000	11	Numerical Index — Division 361 — Service Center Tests — Type N, O and ON Carrier Systems
361-001 Equipment Test Lists		
361-001-011	3	ETL
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361-001-100	2	J98705U (5U) Test Set — Description
361-001-500	4	General
361-1 Channel Units		
361-100/111 Channel Unit Tests		
361-100-500	6	J98703F and J98703FA Channel Unit (N)
361-101-500	2	J98703D Channel Unit (O)
361-102-500	3	J98703AH and J98703AF Thru Channel Units (N, O)
361-103-500	2	J98703W Schedule A and B Program Channel Units (N)
361-104-500	2	J98703Y Schedule A and B Program Reversing Units (N)
361-105-500	3	J98703TA Schedule C and D Program Channel Units (N)
361-106-500	1	J98705AT Schedule C and D Program Channel Units (O)
361-107-500	3	J98703AM and J98705AP Special Service Channel Units
361-108-500	2	J98703AP Channel Unit Without Signaling (N)
361-109-500	1	J98705BP Channel Unit Without Signaling (N)
361-110-500	1	J98705AS Channel Unit Without Signaling (O)
361-111-500	3	J98705E Twin Channel Carrier Circuit (O)
361-120/124 Carrier Frequency Subassembly Tests		
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361-120-500	3	J98703F Channel Unit (N)
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361-121-500	3	J98703FA Message, J98703TA Program and J98703AH Thru Channel Units (N)
361-122-500	2	J98705D Message and J98705AF Thru Channel Units (O)
361-123-500	2	J98703W Schedule A and B Program Channel Units (N)
361-124-500	1	J98705AT Schedule C and D Program Channel Unit (O)
361-130/132 Voice Frequency Subassembly Tests		
361-130-500	2	Thru Channel Unit (N, O)
361-131-500	2	J98703W Schedule A and B Program Channel Units (N)
361-132-500	2	J98703AM and J98705AP Special Services Channel Unit (N, O)
361-140/143 Expandor — Signaling Subassembly Tests		
361-140-500	2	General (N, O)
361-141-500	2	J98703TA Schedule C and D Channel Units (N)
361-142-500	1	J98705TA Schedule C and D Program Units (O)

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361-143-500	1	J98703AP and J98705AS Channel Units Without Signaling (N, O)

361-150/152 Compressor Subassembly Tests

361-150-500	2	General (N, O)
361-151-500	2	J98703TA Schedule C and D Program Channel Units (N)
361-152-500	1	J98705AT Schedule C and D Program Units (O)

361-2 Group Equipment

361-200 Group Oscillator

361-200-500	2	J98705H Group Oscillator Circuit (O)

361-205/208 Group Transmitter

361-205-500	2	J98703H Low Group Transmitter (N)
361-206-500	2	J98703G High Group Transmitter (N)
361-207-500	2	J98705AB Group Transmitting Circuit (O)
361-208-500	2	J98705F Group Transmitting Circuit (O)

361-210/213 Group Receiver

361-210-500	2	J98703K Low Group Receiver (N)
361-211-500	2	J98703J High Group Receiver (N)
361-212-500	2	J98705AA Group Receiving Circuit (O)
361-213-500	2	J98705G Group Receiving (O)

361-220/225 ON/K Units

361-220-500	1	J98709C Transmitting Amplifier Circuit
361-225-500	1	J98709B Receiving Amplifier Circuit

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361-230/232 96 Channel Multiplex Units

361-230-500	1	J98706AA Receiving Amplifier and Demodulator Unit
361-231-500	1	J98706AB Transmitting Amplifier and Modulator Unit
361-232-500	1	J98706AC Power Supply and Alarm Unit

361-3 Repeaters

361-300/306 Repeater Tests

361-300-500	4	J98703L, LA, M, MA Repeaters (N)
361-301-500	2	J98703LB and J98703MB Transistorized NIA Repeaters
Addendum	1	
361-302-500	2	J98706C, D, E and F Repeaters (ON)
361-303-500	3	J98706CA, DA, EA, FA, J and K Repeaters (ON)
361-304-500	2	J98705AC Repeater Amplifier Circuit (O)
361-305-500	2	J98705J and J98705W Repeater Oscillator and Miscellaneous Oscillator Circuits (O)

361-4 Filters

361-400 Filter Tests

361-400-500	2	529A and B, 530A through H, 530J through 530L, 530P or 531B, 530R or 531C and 531F Filters

361-5 Deviation Regulators

361-500/501 Deviation Regulator Tests

361-500-500	2	J98703AC Deviation Regulator — J98703AD Control Unit Tests
361-501-500	2	J98703AC Deviation Regulator — J98703AE Amplifier Unit Tests

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361-6 Switching Sets		
361-600/601 Switching Set Tests		
361-600-500	2	J94002N Group Unit Switching Set
361-601-500	2	J94002M Repeater Switching Set

Division 362

Type N, O, and ON Carrier Telephone Systemsand Associated Equipment Components

362-0 Index, Equipment Test List, and N1 System Terminal Equipment

362-1 Type O and ON Carrier Telephone Systems — Terminals and Junctions

362-2 Type O Carrier Telephone System — Repeaters

362-3 Type N1, O, and ON Carrier Telephone Systems — Overall Channel Lineup

362-4 N and ON Repeaters — Repeatered High-Frequency Lines

362-5 Type N and ON2 Carrier — Deviation Regulator and Adjustable Deviation Equalizer

362-6 Type ON/K Carrier — Repeatered High-Frequency Line

362-7 ON/Radio System — Radio Multiplex Points

362-8 N2 Carrier Telephone System

362-9 N3 and N4 Carrier Telephone System — Terminal Equipment

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362-0 Index, Equipment Test List, and N1 System Terminal Equipment		
362-000-000	68	Numerical Index — Division 362 — Type N, O, and ON Carrier Telephone Systems and Associated Equipment Components
362-001-011	14	N1 Carrier — Analog Carrier
362-001-012	6	N2 Carrier — Analog Carrier
362-001-013	3	N3 Carrier
362-001-014	6	O, ON, O-H, ON-H Carrier System — Analog Carrier
362-001-015	2	N4 Carrier — Analog Carrier
362-010 Type N1 Carrier Telephone System — General Information — Overall System		
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362-010-100	5	Description — Overall System
362-010-150	1	Description — Order Wire and Alarm Facilities
362-010-300	1	Initial Line-Up and Maintenance Tests
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362-010-501	1	Order-Wire and Alarm Facilities — Lineup and Maintenance
362-011 Type N1 Carrier Telephone System — Terminal Equipment		
362-011-105	4	Description — Channel Units, Terminals Mounting, and Shop-Wired Bays
362-011-110	4	Type N1, N1-H Carrier Telephone System — Description — Transmitting and Receiving Group Units
Addendum	1	
362-011-300	3	Initial Line-Up and Maintenance Tests
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362-011-500	3	Maintenance Considerations
362-015 Type N1 Carrier Telephone System — Preliminary Tests		
362-015-501	2	Check of Local Cabling, Span Pads, Artificial Lines, Slope Networks and Noise Control Units
362-015-502	4	N1 and N1-H Repeatered Systems — Adjustment of Power Supply and Sealing Current to Adjacent Repeaters
362-015-515	4	Transistorized Repeatered Systems — Adjustment of Power Supply and Sealing Current to Adjacent Repeaters
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362-015-525	2	Modification of Channel Units for Improved Transmission
362-015-526	2	Modification Procedure for N1-H Operation

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362-020 Type N1 Carrier Telephone System — Tests and Adjustments — General		
362-020-501	3	Heater Supply Voltage Adjustment
Addendum	1	
362-020-502	2	Electron Tube Cathode Activity Measurements
362-020-503	3	Check of Alarm Operation
Addendum	1	
362-020-510	1	Initial Lineup and Maintenance Tests
362-025 Type N1 Carrier Telephone System — Channel Unit Lineup — Transmitting		
362-025-501	5	Channel Carrier Output, Carrier-Frequency, and Carrier Leak Tests
362-025-502	5	Compressor Tests and Adjustments
362-030 Type N1 Carrier Telephone System — Channel Unit Lineup — Receiving		
362-030-501	3	Measurement of Individual Channel Carrier at the R1 Jacks and Channel Regulator and Demodulator Output Tests and Adjustments
362-035 Type N1 Carrier Telephone System — Group Unit Lineup — Transmitting		
362-035-501	3	3700-Hz Oscillator Output
362-035-502	5	Total Carrier Power Output
362-035-503	2	Measurement of Slope, Bulge, Cubic, and Quartic Distortion
362-040 Type N1 Carrier Telephone System — Group Unit Lineup — Receiving		
362-040-501	2	Total Carrier Power Output
362-040-502	8	Group Receiving Units — Measurements of Slope, Bulge, Cubic, and Quartic Distortion
362-045 Type N1 Carrier Telephone System — Group Switching		
362-045-501	1	Switching Group Units With the 2N Switching Set
362-1 Type O and ON Carrier Telephone Systems — Terminals and Junctions		
362-100 General Information — Overall System		
362-100-100	4	Description — Type 01 Carrier Telephone System
362-100-150	5	Description — Type ON1 and ON2 Carrier Telephone Systems
362-101 General Information — Terminals and Junctions		
362-101-300	3	Initial Lineup, Maintenance Tests, and Periodicity Table
362-101-500	4	Maintenance Considerations
362-105 Preliminary Tests		
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362-105-501	3	Preparation and Placement of Terminal Units
Addendum	1	
362-105-502	2	Preparation and Placement of ON1 Junction
362-105-503	4	Check of Alarm Operation
362-105-504	2	Modification Procedure for O-H and ON-H Operation
362-110 Tests and Adjustments — General		
362-110-501	2	Heater Supply Voltage Adjustment — Terminals
362-110-502	1	Heater Supply Voltage Adjustment — Junctions
362-110-503	3	Terminal and Junction Tube Tests
Addendum	1	
362-110-510	1	Summary Charts — Lineup, Maintenance, and Troubleshooting

Number	Issue	Subject
362-115 Channel Unit Lineup — Transmitting		
362-115-501	5	Compressor Output
362-115-502	5	Message Output — Signaling Output and Carrier Leak
362-120 Twin Channel Unit Lineup — Transmitting		
362-120-501	2	Transmitting Carrier Output and Frequency
362-125 Twin Channel Unit Lineup — Receiving		
362-125-501	3	Receiving Regulator Adjustment, Received Carrier Frequency Test, and ON2 Failure Alarm Circuit Adjustment
362-130 Group Unit Lineup — Transmitting		
362-130-501	6	Oscillator Unit — Group and 3700-Hz Oscillators
362-130-502	6	O and ON Group Transmitting Units—Terminal Alignment and Maintenance Tests
362-130-503	2	Adjustment of 76-KHz Level Oscillator Output
362-135 Group Unit Lineup — Receiving		
362-135-501	4	Adjustment of Group Receiving Unit — Terminals
362-140 Group Unit Lineup — Transmitting and Receiving Junctions		
362-140-501	4	Adjustment of Transmitting and Receiving Carrier
362-145 Summary Charts — Lineup and Maintenance		
362-145-501	5	O Carrier Terminals — Group and Twin Channel Units
362-145-502	5	ON Carrier Terminals — Group and Twin Channel Units
362-145-503	4	ON1 Junctions — Groups Connected to OA, OB, OC, and OD Carrier

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362-2 Type O Carrier Telephone System — Repeaters		
362-200 General Information		
362-200-300	1	Initial Line-Up and Maintenance Tests
362-200-500	1	Maintenance Considerations
362-205 Preliminary Tests		
362-205-501	1	Preparation and Placement of Repeaters
362-205-502	2	O Repeaters — Modification Procedures for O-H Operation
362-210 Tests and Adjustments — General		
362-210-501	2	Heater Supply Voltage Adjustment and Electron Tube Tests
362-210-502	1	Power Transfer and Alarm Tests — Ventilating Fan Tests
362-210-503	2	Summary Charts — Lineup, Maintenance, and Troubleshooting
362-215 Carrier Lineup		
362-215-501	1	OB, OC, and OD Repeaters
362-215-502	1	OB, OC, and OD Repeaters — Oscillator Frequency Measurement
362-215-505	1	OA Repeater
362-3 Type N1, O, and ON Carrier Telephone Systems — Overall Channel Lineup		
362-305 Transmission and Signaling		
362-305-501	5	Expandor Output
362-305-510	7	Channel Noise Measurement
362-305-512	5	Channel Net Gain and Expandor Output Check
362-305-515	6	Signaling Receiver and Overall Pulsing Tests
362-310 Thru Channel Unit		
362-310-501	5	1000-Hz and 3700-Hz Output

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362-315 Special Service Channel Unit		
362-315-501	5	Transmitting Section
362-315-502	5	Receiving Section
362-320 Program Channel Units		
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362-320-110	1	5-kHz Program Terminal — Description
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Division 363

Loop Transmission Systems

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NOTE:
Documents in this division carrying this symbol ✇ are available in electronic form in 300-100-XXX.

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363-005-050	1	WN2D CP LIU-2 Common Unit S9L12H5AXX

SLC 24 and 96 Carrier Systems

363-005-051	2	WP42 CP SPOTS DPO Channel Unit S9CD176AXX
363-005-052	2	WP43 CP SPOTS DPT Channel Unit S9CD275AXX
363-005-053	1	WN4D CP LIU-4 Common Unit S9LI465AXX

SLC Series 5 Carrier System

363-005-101	2	AUA31 (COT) Channel Unit — POTS 5SCU110AXX
363-005-102	2	AUA32 (COT) Channel Unit — SPOTS Unit 5SCU820AXX
✇363-005-103	4	AUA33 (COT) Coin Channel Unit (4-95)
✇363-005-104	7	AUA34() (COT) DSO Dataport Channel Unit 5SCU380 (AUA34), 5SC1330 (AUA34B) (3-93)
363-005-105	3	SLC Series 5 Carrier System AUA41( ) 4-Wire Current Feed Special Services Channel Unit

Number	Issue	Subject
363-005-106	3	AUA42 () 2-Wire Special Services Channel Unit (9-94)
✇363-005-107	5	AUA43 2-Wire Special Services E SPOTS® Channel Unit — 5SCU6A6 (8-94)
✇363-005-108	4	AUA44 4-Wire Special Services Channel Unit — 5SCU7C6 (3-93)
✇363-005-109	1	AUA35 (COT) Channel Unit — Multiparty 5SCU540AXX
363-005-110	3	AUA51 (RT) Channel Unit — POTS/SPOTS Units 5SCU150AXX
✇363-005-111	7	AUA52 Office Channel Unit (OCU) Dataport — 5SCU480 (AUA52), 5SC1430 (AUA52B) (3-93)
✇363-005-112	2	AUA53 (RT) Coin Channel Unit — Coin 5SCU260AXX
✇363-005-113	3	AUA54 4-Wire Special Services Channel Unit — 5SCU7BO
363-005-114	1	AUA36 (COT) Channel Unit — DID 5SCU9F0AXX
363-005-115	1	AUA56 (RT) Channel Unit — DID 5SCU9E0AXX
✇363-005-116	2	AUA55 (RT) Channel Unit — Multiparty 5SCU570AXX
✇363-005-117	4	AUA58 (RT) Channel POTS Unit — 5SCU1H8AXX (AUA58B) or 5SC1P00AAA (AUA58C) (12-92)
✇363-005-118	4	AUA38() (COT) POTS Channel Unit 5SC1Y20AAA (AUA38B) or 5ACU1G0AAC (AUA38) (7-94)
✇363-005-119	2	AUA59 (RT) SPOTS Channel Unit — 5SCU1L0AXX
✇363-005-120	3	SLC Series 5 Carrier System AUA39() SPOTS(r) Channel Unit (11-94)
✇363-005-121	2	AUA37 () (COT) FSR Channel Unit (7-94)
✇363-005-122	2	AUA57 (RT) Channel Unit — FSR 5SCUT04AXX
✇363-005-123	5	AUA45 (_) Dual Ringing Repeater Channel Unit — 5SCUUJ5 (10-92)
✇363-005-124	2	AUA25 (RT) M SPOTS Channel Unit — 5SCURP7AXX
✇363-005-127	1	AUA26 (COT) CU — POTS With Derived Channel Alarm — 5SC1CC1AXX
✇363-005-128	1	AUA27 (RT) CU — POTS With Derived Channel Alarm — 5SC1DD1AXX
✇363-005-129	1	AUA90 T-Brite Channel Unit — 5SC1EEDAXX
✇363-005-130	1	AUA92 ISDN Brite II Channel Unit — 5SC1JE0
✇363-005-131	2	AUA93 ISDN Brite II Channel Unit — 5SC1HEOAXX
✇363-005-132	1	AUA75 2WPLAR Channel Unit — 5SC1FF2AXX
✇363-005-133	1	AUA150(RT) POTS/SPOTS Channel Unit — 5SCU1LVAAA
✇363-005-134	1	AUA151 (RT) POTS/SPOTS® Channel Unit — 55C1XXD
✇363-005-135	1	AUA94 ISDN Channel Unit — 5SC18EO (10-93)
✇363-005-136	3	AUA61 DS1 Line Interface Unit 5SLI110AXX
✇363-005-137	3	AUA62 Line Interface Unit — Line Powering 5SCI120AXX
✇363-005-139	3	AUA64 DS1 Line Interface Unit — Power Looping 5SLI140AXX
363-005-142	1	AUA16 DS1 Digital Connectivity Unit-Left 5SCS400AXX
363-005-143	1	AUA17 DS1 Digital Connectivity Unit- Right 5SCS500AXX
✇363-005-144	3	AUA61B DS1 Line Interface Unit — DSX 5SLI1A2AXX
✇363-005-145	2	AUA62B DS1 Line Interface Unit — Line Powering 5SLI12AAXX
✇363-005-146	2	AUA64B DS1 Line Interface Unit — Power Looping 5SLI14AAXX
✇363-005-147	1	AUA61C DA1 Line Interface Unit — DSX 5SLI1A3AXX
✇363-005-148	1	AUA62C DS1 Line Interface Unit — Line Powering 5SLI123AXX
✇363-005-149	1	AUA64CDS1 Line Interface Unit — Power Looping 5SLI143AXX
✇363-005-150	1	AUA61D DS1 Line Interface Unit — DSX 5SLI1A4AXX
✇363-005-151	2	AUA62D DS1 Line Interface Unit — Line Powering 5SLI125AXX
✇363-005-152	2	AUA64D DS1 Line Interface Unit — Power Looping — 5SLI145AXX
✇363-005-154	1	AUA117 DS1 Digital Connectivity Unit — Right 5SCS5CO
363-005-155	1	AUA8 System Display Unit — NCPQDCB Data Sheet/User's Manual (12-92)
✇363-005-156	1	AUA77 Site Interface Unit — 5SPQ10T (12-92)

Number	Issue	Subject
✇363-005-157	1	AUA111 (COT/RT) Transmit/Receive Unit — 5SCTGO (12-92)
✇363-005-158	1	AUA112(RT) Transmit/Receive Unit— 5SCS3GO (10-93)
363-005-161	2	AUA1 (COT) Transmit/Receive Unit 5SCS200AXX
✇363-005-162	3	AUA21B (RT) Transmit/Receive Unit 5SCS309AXX
✇363-005-163	3	AUA22B (RT) Transmit/Receive Unit — 5SCSM09AXX
363-005-164	1	AUA71 LBRV Transcoder Unit — 5SLI280AXX
✇363-005-165	2	AUA73 Line Switch Unit — DS1 Interface 5SCS150AXX
363-005-166	2	AUA13 Line Switch Unit — DS1 Interface 5SCS110AXX
✇363-005-167	2	AUA105 (RT) Transmit/Receive Unit — 5SPQAALAXX
✇363-005-168	1	AUA109 (RT) Transmit/Receive Unit — 5SCS30AAXX
✇363-005-171	1	MC97779A1 (RT) Bank Control Unit (FPF MSDT) — 5SXTA04
✇363-005-172	1	MC97771A1 (RT) Bank Control Unit — 5SPQAAKAXX
✇363-005-173	2	MC97776A1 (RT) Bank Control Unit — 5SPQ10R (MC97776A1) or 5SPQABT (MC97776A1B) (9-94)
363-005-175	2	MC97723A1 (RT) Bank Controller Unit — 5SCSE00CXX
363-005-176	2	MC97722A1 (COT) Bank Controller Unit — 5SCSD00CXX
✇363-005-177	4	MC97724A1, IS:5 (RT) Bank Control Unit — 5SCSHCE (5-93)
363-005-178	2	MC97725A1 (COT) Bank Control Unit — 5SCSFOOCXX
363-005-179	2	MC97726A1 (RT) Bank Control Unit — 5SCSGOOCXX
363-005-180	2	MC97755A1 (COT) Bank Control Unit (3-94)
363-005-181	1	MC97756A1 (RT) Bank Control Unit — 5SCSG60CXX
✇363-005-182	1	MC97769A1 (INA-RT) Bank Control Unit — 5SXTA10BXX
363-005-183	2	AUB1 (COT) Alarm Display Unit — 5SCS700BXX
363-005-184	2	AUB21 (RT) Alarm Display Unit — 5SCS800BXX
✇363-005-185	4	AUB24 (RT) Alarm Display Unit — Mode 96 5SCSB00BXX
✇363-005-186	4	AUB6 (COT) Alarm Display Unit — 5SCS900BXX (3-93)
✇363-005-187	5	AUB26 (RT) Alarm Display Unit — 5SCSA00BXX
✇363-005-188	4	AUB3 (COT) Alarm Interface Unit 5SCD300BXX
363-005-189	1	AUB4 Alarm Display Unit/Alarm Suppressor Unit — 5SCSC00BX
✇363-005-190	4	AUB27 () Alarm Display Unit ADU (12-94)
✇363-005-191	1	AUB28 Alarm Display Unit — 5SPQ1OU (12-92)
✇363-005-192	1	AUB30 Automated Channel Test Unit — 5SCD21H (12-92)
✇363-005-194	1	MC97775A1 (RT) Bank Control Unit — 5SPQ10W (12-92)
✇363-005-195	2	MC97777A1 () RT Bank Control Unit (7-94)
✇363-005-196	1	AUA74 Line Switch Unit DS1 Interface — 5SPQABC (10-93)
✇363-005-197	1	AUB3B (COT) Alarm Interface Unit — 5SCD30F
363-005-198	2	AUB2 (COT) Channel Test Unit — PGTC 5SCD100BXX — AUB2B (COT) CTU — PGTC 5SCD101BXX
363-005-199	2	AUB22 (RT) Channel Test Unit — PGTC 5SCD201BXX
363-005-200	3	AUB5 (COT) Channel Test Unit — 5SCD110BXX
363-005-201	2	AUB25 (RT) Channel Test Unit — 5SCD210BXX
363-005-202	2	AUA3 Office Timing Unit — 5SCS600AXX
363-005-203	3	AUA11 Power Converter Unit 5SCD400AXX — AUA11B PCU 5SCD402AXX
✇363-005-204	1	AUA11C Power Converter Unit — 5SCD4J2AXX
✇363-005-205	4	AUA24 Fan Control Unit 5SCD500AXX
363-005-206	3	AUA18 Digital Test Unit — Left 5SCDA00AXX
363-005-207	3	AUA19 Digital Test Unit — Right 5SCDB00AXX
✇363-005-208	1	ED-7C10-30 Alarm Network Module - 5SPQAAS

Number	Issue	Subject
✇363-005-216	3	3A Ringing Generator 5SCB600DXX
363-005-217	1	39E Channel Fuse Unit 5SCB400CXX
363-005-218	2	39F Line Fuse Unit 5SCB500CXX
363-005-219	3	40D Bank Fuse Unit 5SCB300BXX
✇363-005-220	3	336A ( ) Power Unit (Rectifier) 5SCB723
✇363-005-221	4	337A ( ) Battery Charger 5SCB804
✇363-005-222	3	ED-7C613-30, G3 Load Distribution Unit 5SCB10AAAA
✇363-005-223	2	3B ( ) Ringing Generator
✇363-005-224	1	AYK1 Circuit Pack — 5SPQAAAAXX
✇363-005-225	1	AYK2 Circuit Pack — 5SPQAABAXX
✇363-005-226	3	3C Ringing Generator — 5SCB600DXX
✇363-005-227	2	CS787B540 Power Unit (Recitifier) — PWPQ88CAXX
✇363-005-228	1	AUA114 Channel Fuse Unit — 5SCB4BO
✇363-005-229	2	AUA115 Line Fuse Unit — 5SCB5BO (3-93)
✇363-005-230	1	AUG11 Bank Fuse Unit — 5SCB3BO
✇363-005-231	3	AUA78 T1 Line Fault-Locate Test Adapter — 5SCSJ40AXX
363-005-232	1	AUA79 T1 Line Fault-Locate Test Adapter — MAT/ICOT Cable 5SCSJ300AXX
363-005-233	3	AUA80 Line Test Adapter 5SCSK00AXX
363-005-234	2	505A Adapter 5SCSL00DXX
✇363-005-235	1	52A Test Extender — 5STE430CAA
✇363-005-236	1	47A Test Extender — 5STE210BAA
✇363-005-237	1	47B Test Extender — 5STE2409BAA
✇363-005-238	2	950A Test Set — 5STYEA00DAA
363-005-239	1	AUA7 Line Test Unit SLC5 Series Carrier System
✇363-005-240	1	AUG1 Positive Ringing Unit — 5SCB900GXX
363-005-241	1	AUG2 Ring Switch Unit — 5SCBA30GXX
✇363-005-242	1	AUG3 Ring Control Unit — 5SCBM00GXX
✇363-005-243	2	AUG4 Battery Interface Unit — 5SPQ10P (AUG4) and 5SPQBNAAA (AUG4B) (2-93)
✇363-005-244	1	3H1 Ringing Generator — 5SCBPEO
363-005-246	1	AUB60 XTC Power Converter Unit
363-005-247	2	MC97734-01 XTC Controller Unit
363-005-248	1	AUB62 XTC Alarm Display Unit
363-005-249	1	AUB63 XTC Data Link Unit
✇363-005-250	3	AUB65 XTC Test Unit "D"
363-005-251	1	AUB66 XTC Fan-Out Unit
363-005-252	1	AUB67 XTC Test Unit "C"
363-005-253	1	AUB68 XTC Test Unit "B"
363-005-254	1	AUB69 XTC Composite Clock Unit
✇363-005-255	1	AUB63B XTC Data Link Unit — 5SXT320AXX
✇363-005-256	1	MC97761A1 XTC Controller Unit — 5SXTA20BXX
363-005-260	2	AUA400 (RT) Channel Unit — SC2DS0 5SCF410CXX
363-005-261	2	AUA401 (RT) Channel Unit — SC4DS0 5SCF420CXX
■✇363-005-262	4	SLC-2000 MSDT AYB1B Optical Unit — 5SCF240
363-005-263	2	ASH1 Power Converter Unit — 5SCF150AXX
363-005-264	2	ASJ1 Channel Unit — 5SCF530DXX
363-005-265	2	AUA402 (RT) Alarm/Fan Control Unit — 5SCF300CXX
363-005-266	2	AUB71 Transmission Multiplexer Unit — DCU51AABXX AUA403 (RT) Test Channel Unit
✇363-005-267	2	AUA404(RT) Channel Unit — SC2DSO 5SCF410
✇363-005-268	2	AUA405(RT) Channel Unit — SC4DSO 5SCF420
✇363-005-269	2	ASJ2 Channel Unit — 5SCF53C
✇363-005-270	2	EAF1 Drop Test Module — 5SPQAAN
✇363-005-271	2	SLC Series 5 Carrier System BYB1B Optical Unit — 5SCT300 (3-94)

Number	Issue	Subject
✇363-005-272	2	SLC Series 5 Carrier System MC97780A1 Backplane Interface Unit — 5SCT420 (3-94)
✇363-005-273	2	SLC Series 5 Carrier System AUA406 (RT) MSDT Server 6 to 24 DS0 — 5SCF660 (3-94)
✇363-005-274	2	SLC-2000 MSDT AUA408 (RT) MSDT 12-24 DS0 — SAIUMBO (3-94)
✇363-005-275	2	SLC Series 5 Carrier System AUA411 Channel and Drop Test Unit — 5SPQAA3 (3-94)
✇363-005-276	2	SLC Series 5 Carrier System AUA412 Power Converter Unit — 5SPQAAX (3-94)
✇363-005-277	2	SLC Series 5 Carrier System AUA413 Ringing Generator Unit — 5SPQ10S (3-94)
✇363-005-278	2	SLC Series 5 Carrier System AUA414 Power Interface Unit — 5SPQAAW (3-94)
✇363-005-279	2	SLC Series 5 Carrier System AUA415 Power Interface Unit — 5SPQAA6 (3-94)
✇363-005-280	2	SLC Series 5 Carrier System AUA416 Power Interface Unit — 5SPQAAZ (3-94)
✇363-005-281	2	SLC Series 5 Carrier System AUA417 Power Converter Unit — 5SPQAA1 (3-94)
✇363-005-282	2	SLC Series 5 Carrier System AUA418 Limited Output Source Unit (LOSU) — 5SPQ10X (3-94)
✇363-005-283	2	SLC Series 5 Carrier System AUA419 Shelf Common Unit — 5SPQAA2 (3-94)
✇363-005-284	1	SLC-2000 MSDT BYB2 T1/DSX Line Interface Unit — SAC1MB0 (3-94)
✇363-005-285	1	SLC-2000 MSDT AUA423 Ringing Generator Unit — 5SPQABL (3-94)
✇363-005-286	1	SLC-2000 MSDT AYB2 Power Converter Unit — LFOCHE0 (3-94)
✇363-005-288	1	SLC-2000 MSDT SPQ®808 (RT) MSDT Server 12 or 24 DS0 — SAIUMBF (3-94)
✇363-005-289	1	SLC-2000 MSDT MC97789A1 Backplane Interface Unit — 5SCT420 (3-94)
✇363-005-290	1	SLC-2000 MSDT AUA426 Power Interface Unit — 5SPQABY (3-94)
✇363-005-291	1	SLC-2000 MSDT AUA427 Power Converter Unit — 5SPQABZ (3-94)
✇363-005-292	1	SLC-2000 MSDT AUA428 Limited Output Source Unit (LOSU) (3-94)
✇363-005-293	1	SLC-2000 MSDT AUA424 Power Interface Unit 5SPQABX
✇363-005-294	1	SLC-2000 MSDT AUA422 Power Converter Unit — 5SPQABW (3-94)
✇363-005-295	1	SLC-2000 Access System SPQ®909 LP-POTS Channes Unit SAC1A00 (7-94)
✇363-005-296	1	SLC-2000 MSDT AYB5 Optical Unit — 5SCFE006AA (6-94)
✇363-005-297	1	SLC-2000 MSDT BYB5 Optical Unit — 5SCTD00AAA (6-94)
363-005-298	1	SLC-2000 MSDT AUA434 Power Interface Unit — 5SPQACB (12-94)
363-005-299	1	SLC-2000 MSDT AUA436 Power Interface Unit — 5SPQACC (12-94)

SLC-2000 Access System

✇363-005-300	2	AUA141 4-Wire Special Service Channel Unit — 5SCU7DZ
✇363-005-301	1	AUA142 2-Wire E SPOTS Channel Unit — 5SCU69Z
✇363-005-302	1	AUA152 Office Channel Unit (OCU) Dataport — 5SCU48Z
✇363-005-303	3	AUA158 (RT) POTS Channel Unit (12/94)
✇363-005-304	3	AUA159 (RT) SPOTS Channel Unit (12/94)
✇363-005-305	1	AUA161 DA1 Line Interface Unit — 5SL1100 (12-92)
✇363-005-306	1	AUA162 DS1 Line Interface Unit — 5SLI10C (12-92)
✇363-005-307	1	AUA163 Elastic Memory Unit — 5SLI400 (12-92)
✇363-005-308	1	AUB101 Flash Memory Unit — 5SCI200 (12-92)
363-005-309	1	AUA176 Line Test Translator — 5STEF00 — Data Sheet (6-92)

Number	Issue	Subject
✇363-005-310	1	ED-7C719-30, Group 1 Line Test Fanout Unit — 5SMYAAD — Data Sheet (6-92)
✇363-005-311	1	AUA179(RT) ALIC5 Channel Unit — 5SCIHW9 (6-93)
363-005-312	1	SLC Series 5 Carrier System AUA232 DSU Dataport
363-005-313	1	AUA200 Datapath Extension DPX Channel Unit (7/94)
363-005-314	1	SLC Series 5 Carrier System AUA178 (RT) C-POTS Channel Unit (7-94)
363-005-315	1	SLC Series 5 Carrier System AUA180 () Remote Provisioning Unit (2-95)
363-005-316	1	SLC-2000 MSDT AYB7 Cut-Through Board Circuit Pack (2-95)
363-005-317	1	SLC-2000 MSDT BYB7 Digital Signal Translator (DST) Circuit Pack (2-95)
363-005-318	1	SLC-2000 MSDT BDJ241 FSM Power Circuit Pack (2-95)
363-005-319	1	SLC-2000 MSDT BDJ242 FSM DSX Circuit Pack (2-95)
363-005-320	1	SLC-2000 MSDT BDJ243 FSM MUX Circuit Pack (2-95)
363-005-321	1	SLC-2000 MSDT BDJ244 FSM Optical Unit (2-95)
363-005-368	1	SPQ® 400 (RT) POTS Channel Unit — SA1AAAA (11-92)
363-005-369	3	SLC-2000 Access System SPQ® 440 () RT SPOTS® Channel Unit (10-94)
363-005-377	1	SLC-2000 Access System SPQ® 478 (RT) C-POTS Channel Unit (8-94)
363-005-380	1	SLC-2000 Access System SPQ®300 (COT) Quad POTS Channel Unit — SAC1ACF (9-94)
363-005-381	1	SLC-2000 Access System SPQ®340 (COT) Quad SPOTS® Channel Unit — SAC1ADF (9-94)
363-005-382	1	SLC-2000 Access System SPQ®442 2-Wire Special Services E SPOTS® Channel Unit (12-94)
363-005-383	1	SLC-2000 Access System SPQ®443 2-Wire Special Services E SPOTS® Channel Unit (12-94)
363-005-384	1	SLC-2000 Access System SPQ®450 (RT) ALIC5 Channel Unit (10-94)
363-005-385	1	SLC-2000 Access System SPQ®444 4-Wire Current Sink Special Services Channel Unit (3-95)
363-005-386	1	SLC-2000 Access System SPQ®454 4-Wire E&M Special Services Channel Unit (3-95)
363-005-400	1	SLC-2000 MSDT MC97793A1 Backplane Interface Unit (BIU) (12-94)

363-099 Customer Information Releases (CIRs)

363-099-003MG	1	Clarification of Time Assignment Unit (TAU) Traffic Monitoring Functions, Transmission Systems
363-099-005TD	1	Frequency Selective Ringing Channel Units for the SLC Carrier System, Loop Electronics
363-099-012MA	1	SLC 96 Carrier System Update: SLIM Applications, Loop Electronics
363-099-014MA	1	SLC 96 Carrier System Update, Loop Electronics
363-099-016MG	1	SLC 96 Carrier System Update Turn-Up Test of 3B Battery Charger, Series 2, Loop Electronics
363-099-019IR	1	Single Mode Capability for Current D52 Fiber SLC Carrier Hardware Using the WP40 OLIU, Loop Electronics
363-099-030IR	2	SLIM (Subscriber Loop Interface Module) — Code Changes for Shelf and Circuit Packs, Loop Electronics
363-099-036IR	1	Special Service Channel Unit for SLC 96 Carrier System Application, Loop Electronics
363-099-039TD	1	SLC Series 5 Carrier Extended Test Controller (XTC), Loop Electronics
363-099-042IR	1	7.5 kHz Program Channel Units, Loop Electronics

Number	Issue	Subject
363-099-050IR	1	WP74 Power Units for SLC 96 Carrier System Application, Loop Electronics
363-099-052IR	1	SLC Series 5 Carrier System — Digital Connectivity Unit Feature — Loop Electronics
363-099-053IR	1	SLC Series 5 Carrier System — Feature Package D (FPD); Low-Bit-Rate Voice (LBRU), Loop Electronics
363-099-056IR	1	Use of SLC Series 5 Carrier System E SPOTS Channel Units for DID Services, Loop Electronics
363-099-057IR	2	New SLC Series 5 Carrier POTS and SPOTS Channel Units — Loop Electronics
363-099-058IR	1	SLC Series 5 Carrier System Direct Inward Dialing (DID) Channel Units — Loop Electronics
363-099-059IR	1	SLC Series 5 Carrier System Coin Channel Units — Loop Electronics
363-099-060IR	1	52A Channel Unit Test Extender for the SLC Series 5 Carrier System — Loop Electronics
363-099-061IR	1	Discontinued Availability of SLC Series 5 Carrier System Plug-In Codes — Loop Electronics
363-099-062NP	1	SLC Series 5 Carrier System Fiber-to-the- Home Feature — Loop Electronics
363-099-063IR	1	SLC Series 5 Carrier Dual Ringing Repeater Unit — Loop Electronics
363-099-064MA	1	SLC Series 5 Carrier System Feature Package B Bank Control Unit Upgrade — Loop Electronics
363-099-065MA	1	SLC Series 5 Carrier System Fault Locate Test Adapter (AUA78) — Loop Electronics
363-099-066IR	1	SLC 96 Carrier System F-62115 Data Link Unit — Loop Electronics
363-099-067IR	1	7A REG Upgrade to 7B REG, Loop Electronics
363-099-069IR	1	Discontinued Availability of Equipment for DCLU 5, Loop Electronics
363-099-070MA	1	SLC Series 5 Carrier System AUA43 E SPOTS Channel Unit Crosstalk, Loop Electronics
363-099-071MA	1	Fuse Problem in 51A-Type Cabinets, Loop Electronics
363-099-072MA	1	SLC Series 5 Carrier System Bank Control Unit Upgrades, Loop Electronics
363-099-073IR	1	SLC Series 5 Carrier System Multiparty Channel Units, Loop Electronics
363-099-074IR	1	SLC Series 5 Carrier System Frequency Selective Ringing Multiparty Channel Unit, Loop Electronics
363-099-075MG	1	SLC Series 5 Carrier System 51- and 80-Type Cabinet Door Alarms, Loop Electronics
363-099-076IR	1	SLC Series 5 Carrier Systems ED7C700 Cable Assembly, Loop Electronics
363-099-077IR	1	Rural Electrification Administration (REA) - D4 Channel Bank, SLC 96 Carrier System, and DDM-1000 Dual DS-3 Multiplexer, Loop Electronics
363-099-078MA	1	SLC Series 5 and SLC 96 Carrier Systems — Extended Test Controller (XTC) and 5ESS® Switch Compatibility, Loop Electronics
363-099-079IR	1	SLC 96 Carrier Systems — Availability of WM1E Transmit/Receive Unit, Loop Electronics
363-099-080IR	1	SLC Series 5 Carrier System EBS (Enhanced Business) (P-Phone) Channel Offering, Loop Electronics
363-099-081MA	1	Barcode Label Error on DDM-1000 Circuit Pack, Loop Electronics
363-099-082IR	1	New SLC 96 Carrier System Circuit Packs, Loop Electronics
363-099-083IR	1	SLC Series 5 Carrier System Craft Interface Unit Quick Reference Card, Loop Electronics
363-099-084IR	1	SLC 96 Carrier System — Availability of WN9C Data Link Unit, Loop Electronics
363-099-085NP	1	SLC Series 5 Carrier System Enhanced Feature Package B, Loop Electronics

Number	Issue	Subject
363-099-086IR	1	SLC Series 5 Carrier System Centralized Operations and Provisioning, Loop Electronics
363-099-087MR	1	Problem with 336A (SER5 PU) Rectifier and 337A (SER4 PU) Battery Charger, Loop Electronics
363-099-088MA	1	SLC Series 5 Carrier System Alarm Display Unit — Fail, Near End Indications, Loop Electronics
363-099-089MG	1	Code Change for Screened 336A (Ser 5 PU) Rectifier and 337A (Ser 4 PU) Battery Charger, Loop Electronics
363-099-092NP	1	SLC Series 5 Carrier System INA-RT (Integrated Network Access-Remote Terminal), Loop Electronics
363-099-093MA	2	SLC 96 Carrier System — WP2C Series 4 SSU Common Unit Noise Problem, Loop Electronics
363-099-094IR	1	SLC Series 5 Carrier System — 3C Ringing Generator, Loop Electronics
363-099-095MA	1	SLC Series 5 Carrier System — AUA44 Channel Unit Noise, Loop Electronics
363-099-096IR	1	SLC Series 5 Carrier System — Extended Test Controller, Loop Electronics
363-099-097IR	1	DDM-1000 User's Manual, Loop Electronics
363-099-098IR	1	New SLC Series 5 Carrier BASE10 VerSUS* Network Channel Units, Loop Electronics
363-099-102IR	1	SLC Series 5 Carrier System Line Interface Units, Loop Electronics
363-099-104IR	1	SLC 96 Carrier System Line Interface Units, Loop Electronic
363-099-105TD	1	SLC Series 5 Carrier System — Integrated Network Access — Remote Terminal, Loop Electronics
363-099-107IR	1	SLC Series 5 Carrier System Dual Private Line Automatic Ringdown Channel Unit, Loop Electronics
363-099-108IR	1	SLC Series 5 Carrier System Calling Line Identification With On-Hook Transmission
363-099-109IR	1	New SLC Series 5 Carrier AUA 90 T-BRITE ISDN Channel Unit, Loop Electronics
363-099-110MA	1	SLC Series 5 Carrier System Feature Package B - Bank Control Unit Upgrade (Issue 5), Loop Electronics
363-099-113IR	1	Discontinued Availability of 8A REG, Loop Electronics
363-099-114IR	1	Warranty Eligibility System for DDM-1000 Circuit Packs, Loop Electronics
363-099-115MA	1	SLC Series 5 Carrier System AUA41 Channel Unit Signaling Deficiency, Loop Electronics
363-099-117IR	1	SLC Series 5 Carrier System — XTC (Extended Test Controller), Loop Electronics
363-099-118IR	1	FT1 Series DS1 Electrical/Optical Converter, Loop Electronics
363-099-119IR	1	SLC Series 5 Carrier System Naming Conventions, Loop Electronics
363-099-120IR	2	SLC Series 5 Carrier Equipment 2A and 2B Fan Unit Applications, Loop Electronics
363-099-121IR	1	SLC Series 5 Carrier Brite II ISDN Channel Unit, Loop Electronic
363-099-122IR	1	UL* Listed Power Units and Ringing Generators for SLC Carrier Applications, Loop Electronics
363-099-123IR	1	SLC Series 5 Carrier System Testing and Power Minor Alarms With Mixed Feature Packages, Loop Electronics
363-099-124NP	1	UL* Listed SLC Series 5 Carrier System Remote Terminal, Loop Electronics

* VerSUS is a registered trademark of Base 10 (BT-Telecom, Inc.)

* UL is a registered trademark of Underwriters Laboratories, Inc.

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363-099-125TD	1	Modifications to T-Carrier Small Cross- Section Repeater Shelf (SXSS), Loop Electronics
363-099-126IR	1	FT1-DS1 Optical/Electrical Converter Shelf, Loop Electronics
363-099-127MA	1	FT1-SLC Series 5 Carrier System — AUA53 Channel Unit Coin Problem, Loop Electronics
363-099-128MA	2	SLC ® Carrier Pair Gain Test Controller (PGTC) — SM87C Circuit Pack Incompatibility
363-099-129TD	1	DS1 Extension Shelf, Loop Electronics
363-099-130IR	1	New AUA150 POTS/SPOTS® Channel Unit for SLC Series 5 Carrier Systems, Loop Electronics
363-099-131NP	1	Fiber-to-the-Home Feature Enhancement Plan — Loop Electronics
363-099-132IR	1	DS1 SLC Series 5 Carrier System UL* Listed — 181B — Apparatus Mounting Battery Shelf, Loop Electronics
363-099-135MG	1	SLC Carrier Line Interface Units — Compatible Line Code Settings — Loop Electronics
363-099-136IR	1	SLC Series 5 Carrier Fiber-to-the-Home Feature Enhanced Testing Capability
363-099-137MA	1	SLC 96 Carrier Line Interface Unit (WN2D, WN4D) Deficiency
363-099-138MA	1	SLC Carrier Pair Gain Test Controller (PGTC) SM87C Circuit Pack Incompatibility
363-099-139IR	1	New Fuse Units for the SLC Series 5 Carrier System, Loop Electronics
363-099-140IR	1	Warranty Extension for SLC Series 5 Carrier System and SLC Series 5 Fiber to the Home Plug-ins, Loop Electronics
365-099-141TD	1	The 90 Type Business Remote Terminal (BRT) Cabinet, Loop Electronics
363-099-142MA	1	AUA62C, D — AUA64C, D Line Interface Units (LIU) Test Deficiency
363-099-143MG	1	Loop Electronics — WESTERN ELECTRIC® Products — Automated Office-to-Office (OTO) Cutover Procedures - Converting Universal SLC Series 5 Carrier Systems to Integrated Feature Package B
363-099-144NP	1	SLC-2000 Multi-Services Distant Terminal (MSDT), Loop Electronics
363-099-145MG	1	SLC Series 5 Carrier Sticking Alarm Contacts, Loop Electronics
363-099-146IR	1	SLC Series 5 Carrier System 80E Community Service Cabinet and Bulk Power Plant, Loop Electronics
363-099-147IR	1	SLC Series 5 Carrier ALC AUA158 RT Pots and AUA159 RT POTS/SPOTS Dual Channel Units
363-099-148IR	1	SLC Series 5 Carrier AUB3B Alarm Interface Unit
363-099-149IR	1	4TO and 4ETO Circuit Design and Provisioning, Loop Electronics
363-099-150IR	1	SLC Series 5 Carrier AUA34B DSO Dataport and AUA52B OCU Dataport Channel Units, Loop Electronics
363-099-152IR	1	SLC Series 5 Carrier — MC97776A1 Bank Control Unit (BCU), Loop Electronics
363-099-153IR	1	SLC 96 Carrier System 1A Fuse and Filter Panel, Loop Electronics
363-099-154IR	1	SLC® Series 5 Carrier System J1C182BD 20 Ampere — Power Plant — Loop Electronics
363-099-155MG	1	Feature Package D Cutover Procedures - Converting Feature Package D Remote Terminal (RT) to Feature Package B Integrated Mode 2 RT
■ 363-099-156MG	1	Feature Package D Cutover Procedures Converting Feature Package D Remote Terminal to Feature Package B Integrated Mode 2 Remote Terminal
363-099-157MG	1	SLC 96 Carrier System WN2D, WN4D Line Unit, Loop Electronics

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363-099-158MA	1	SLC 96 Carrier System Fan Cord Assembly Potential Safety Condition
363-099-159IR	1	SLC Series 5 Carrier System Quick Reference Card Plug-In Option Settings
363-099-161NP	12/93	The BRT-2000 Access System

363-1 P1 Carrier Telephone System

363-100 Identification, Installation, and Connections

363-100-100	3	Identification, General Description, and Use
363-100-101	1	Installation and Connections — General Information — Remote Terminal and Repeater
363-100-102	2	Installation and Connections — Remote Terminal
363-100-103	2	Installation and Connections — Repeaters

363-101 Adjustments and Maintenance — Central Office and Remote Terminal

363-101-100	2	General Information and Test Equipment
363-101-101	1	Preparation for Central Office Terminal
363-101-502	2	Central Office Terminal Tests — Transmitting
363-101-503	2	Central Office Terminal Tests — Receiving
363-101-504	1	Preparation for Remote Terminal
363-101-505	1	Remote Terminal Tests — Transmitting
363-101-506	4	Remote Terminal Tests — Receiving
363-101-507	1	Preparation for Connecting to Line
363-101-508	2	Abbreviated Adjustment Procedure
363-101-509	2	How to Locate Trouble

363-102 Adjustments and Maintenance — Repeaters

363-102-100	1	General Information and Test Equipment
363-102-501	1	Preparation for Repeater and Test Set
363-102-502	2	Adjustments and Tests — High Group
363-102-503	2	Adjustments and Tests — Low Group
363-102-504	1	Preparation for Connecting to Line
363-102-505	1	Abbreviated Adjustment Procedure
363-102-506	2	How to Locate Trouble
363-102-507	1	Field Modification of 800AA Network Line Board and 386A Apparatus Case

363-103 System Line-Up and Maintenance

363-103-100	1	General Information and Test Equipment
363-103-501	1	Preparation for System Line-Up
363-103-502	1	Nonrepeatered Systems Line-Up
363-103-503	1	Nonregulated Repeater Systems Line-Up
363-103-504	1	Regulated Repeater Systems Line-Up
363-103-505	1	How to Locate Trouble

363-104 Alternate System Line-Up

363-104-100	1	General Information and Test Equipment
363-104-501	1	Preparation
363-104-502	1	Nonrepeatered Systems
363-104-503	1	Regulated Repeater Systems
363-104-504	1	Level Coordination
363-104-505	1	Table 1 — High-Group Repeater Input Power
363-104-506	1	Table 2 — High-Group Repeater Output Power
363-104-507	1	Table 3 — Temperature Correction for High-Group Output Power
363-104-508	1	Table 4 — High-Group Regulator Volts
363-104-509	1	Table 5 — Temperature Correction for Output Power at -40 F
363-104-510	1	Table 6 — Desired Low-Group Output Power
363-104-511	1	Table 7 — Low-Group Regulator Volts
363-104-512	1	Table 8 — Temperature Correction for Output Power

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363-2 Metallic and Fiber Digital Carrier Systems		
363-200 Testing, Recent Changes, and Subscriber Loop Multiplexer		
Testing and Recent Changes		
▲363-200-005	3	Integrated SLC Carrier Systems
Subscriber Loop Multiplexer		
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363-200-010	1	DCLU Integrated SLC Carrier System — General Information Manual
363-200-100	3	Overall System Description
363-200-105	2	Control Terminal Description
363-200-110	2	Remote Terminal Description
363-200-115	1	Digital Line Description
363-200-120	1	Order-Wire Circuit — Description, Operation, Installation, and Maintenance
363-200-205	3	Control Terminal Installation Procedures
363-200-210	4	Remote Terminal Installation Procedures
Addendum	1	
363-200-215	1	Digital Line Preservice Tests
363-200-505	1	Control Terminal Trouble Locating and Maintenance Procedures
Addendum	1	
363-200-510	1	Remote Terminal Trouble-Locating and Routine Maintenance Procedures
363-200-515	2	Digital Line Tests and Fault-Locating Procedures
363-200-520	1	Preinstallation
363-200-525	1	J87397A and B Power Supplies — Remote Repeater Power Feed Terminal
363-200-530	1	Coin Telephone Installation and Trouble- Locating Procedures
363-200-535	1	Four-Party Fully Selective Ringing Adapter — Description, Installation, and Maintenance
363-201 SLC® 40 Carrier System		
363-201-100	4	General Description
363-201-205	4	System Installation Tests for Systems Using a Cabinet-Type Remote Terminal
363-201-206	3	Installation Tests for Systems Using Frame- Mounted Remote Terminal
363-201-207	1	Installation Tests for Systems Interfacing With M1-Type Multiplexers
Addendum	1	
363-201-215	2	Digital Line and Repeater Preservice Tests
363-201-216	1	Active Fault-Locating System — ED-2C374 Active Fault-Locating Panel Turnup, Active Filter (1114/1115-Type) Preinstallation Tests, and Initial Fault- Locating Line and System Tests
363-201-225	1	Line Repeater Preinstallation Tests
363-201-300	1	Channel and Drop Test Equipment — Description, Installation, and Trouble Procedure
Addendum	1	
▲363-201-400	2	Installation and Maintenance — Pair Gain Systems
363-201-500	4	Maintenance and Trouble-Locating for Systems Using Remote Terminal (RT) Cabinet
Addendum	1	
363-201-501	2	Maintenance and Trouble-Locating for Systems Using a Remote Terminal Frame
363-201-502	1	Maintenance and Trouble-Locating for Systems Interfacing With M1-Type Multiplexers
363-201-515	2	Digital Line Fault-Locating Procedures
363-201-516	1	Digital Line Fault-Locating Tests and Procedures Using Active (1114- or 1115- Type) Filters
363-202 SLC 96 and SLC 24 Carrier Systems, Lightguide Interconnections, and LM-Type Multiplexers		
Revision 1	12/94	
363-202-000	3	SLC 96 Carrier System Ordering Guide
Revision 1	12/94	
363-202-010	1	SLC 96 Carrier System — Application and Planning Guide
363-202-020	1	SLC 96 Carrier System PC Configuration

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Addendum	1	
363-202-100	4	SLC 96 Carrier System — General Description — Pair Gain Systems
363-202-101	1	Lightguide Cable Interconnection Terminal (LCIT) — General Description
363-202-102	1	Lightguide Interconnection (Single-Fiber) — Cable and Connectors — Description and Use
363-202-103	1	LM23 Multiplexer — General Description — Loop Transmission Systems
363-202-104	1	LM12 Multiplexer — General Description — Loop Transmission Systems
363-202-200	2	Fiber SLC 96 Carrier — General Description
363-202-214	2	Lightguide Cable — Preservice Testing
✇363-202-300	5	Pair Gain Test Controller and Test Bus Control Unit — Description and Installation
▲363-202-400	4	SLC 96 Carrier System — Central Office Terminal — Pair Gain Systems
▲363-202-401	2	SLC 96 Subscriber Loop Carrier System — Remote Terminal — Pair Gain Systems
Addendum	1	
▲363-202-402	2	SLC 96 and SLC 24 Carrier Systems — Channel Unit Installation
▲363-202-403	1	Fiber SLC 96 Carrier System — Central Office Terminal, DS2 Optical and DS2 Electrical
▲363-202-404	1	Fiber SLC 96 Carrier System — Remote Terminal DS2 Optical and DS2 Electrical
▲363-202-405	2	LM23 Multiplexer (Single and Multimode) — Acceptance, Installation, and Maintenance
▲363-202-406	1	Fiber SLC 96 Carrier — System Turn-up Procedures — LM23 Multiplexer Facility
▲363-202-407	1	LM12 Multiplexer — Acceptance, Installation, and Maintenance
▲Addendum	1	
▲363-202-500	2	SLC 96 Carrier System — Maintenance Loop Transmission System
363-202-525	2	SLC 96 Carrier System — Remote Power Feed Terminal (RPFT) — Description, Installation, and Maintenance
363-202-600	2	SLC 96 Carrier System — Installation of Shelves — Nonbulk Protected Remote Terminals
363-202-601	2	SLC 96 Carrier System — Remote Terminal Cabinet (AT-8908M) — Installation of Shelves
363-202-602	3	SLC 96 Carrier System — Installation of Shelves — Bulk Protected Remote Terminals

363-203 SLIM (Subscriber Loop Interface Module) and DCLU- 5 (Digital Carrier Line Unit-5)

SLIM		
363-203-100	2	General Description
Addendum	1	
363-203-101	2	Installation and Maintenance
DCLU-5		
363-203-110	1	Digital Carrier Line Unit 5 — General Description

363-204 SLC 24 Carrier System and Fiber SLC 24 Carrier

363-204-100	1	General Description
▲363-204-200	1	Fiber — General Description — Loop Transmission Systems
363-204-400	1	Installation and Maintenance

363-205 SLC Series 5 Carrier System

Revision 1	1	
✇363-205-000	4	SLC Series 5 Carrier System Ordering Guide (9-93)
Appendix 1	5	Quick Reference Ordering Guide (10-93)
✇363-205-002	D	Fiber-To-The-Home Feature — User's Manual
✇363-205-003	1	SLC-2000 Multi-Services Distant Terminal Feature — Applications, Planning, and Ordering Guide (11-93)
✇363-205-004	4	SLC-2000 Multi-Services Distant Terminal Feature — User/Service Manual (3-95)

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✇363-205-010	3	Applications and Planning Guide — Loop Transmission Systems (6-94)
✇363-205-011	2	UL Listed Remote Terminal Installation
363-205-015	2	SLC Series 5 Pocket Reference (12-94)
363-205-020	3	PC Configurator
■ 363-205-031	2	SLC 5 Kit Table of Contents Volume 1
363-205-032	2	SLC 5 Kit Table of Contents Volume 2
363-205-033	2	SLC 5 Kit Table of Contents Volume 3
363-205-034	2	SLC 5 Kit Table of Contents Volume 4
363-205-035	1	SLC 5 Kit Table of Contents Volume 5
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363-205-100	4	General Description
363-205-101	3	Craft Interface Unit — Description
363-205-102	2	J99404TA CIU Quick Reference Guide (12-92)
✇363-205-103	2	Centralized Operations and Provisioning — Installation, Test, and Maintenance
✇363-205-104	1	Integrated Network Access — Remote Terminal — User's Guide
✇363-205-105	2	SLC Series 5 LTU/LTC User's Manual
✇363-205-106	1	T-BRITE Channel Unit for ISDN — Installation and Maintenance
✇363-205-107	1	AUA93 BRITE II Channel Unit for ISDN — Installation and Maintenance
✇363-205-108	1	SLC Series 5 Carrier System Automated Office-to-Office Cutover Procedure
✇Addendum	2	
363-205-109	1	Line Test Translator and Line Test Fanout Unit — User's Guide (1-92)
363-205-110	1	Cable Measurement Method For Determining Provisioning Settings For Special Service Channel Units
363-205-111	1	SLC 5 Operations Interface 1.0 — User's Guide
363-205-112	1	SLC 5 Operations Interface 1.0 — Administration Guide
✇363-205-113	1	SLC Series 5 Carrier System — AUA94 U-DSL ISDN Channel Unit — Installation and Maintenance (10-93)
363-205-115	2	SLC Series 5 Carrier System — Quick Reference Card Plug-In Option Settings
363-205-116	1	SLC Series 5 Carrier System Feature Package C (FPC) with Autocut (FPC/AC) Brite II Channel Unit Installation and Maintenance (6/94)
✇363-205-300	2	Extended Test Controller — Description, Turnup, and Maintenance
✇363-205-400	4	Central Office Terminal — Acceptance and Turnup
Revision 1	11/93	
✇363-205-401	6	Remote Terminal — Acceptance and Turnup Loop Transmissions System (11-93)
▲Appendix A	1	SLC Series 5 Carrier System — Quick Reference Card for Cabinet/Frame Power Up
▲Appendix B	1	SLC Series 5 Carrier System — Quick Reference Card RT Plug-in Option Settings
▲Appendix C	1	SLC Series 5 Carrier System — Quick Reference Card RT Turn Up
✇▲Revision 2	11/93	
✇▲Revision 1	6/93	
✇▲Addendum	1	
✇▲363-205-402	4	Channel Unit Installation (4-92)
✇▲Revision 1	11/93	
✇▲363-205-406	5	End-to-End System Tests
✇▲363-205-500	4	Maintenance and Trouble Clearing
✇▲Appendix 1	1	Maintenance and Trouble Clearing (11-93)

363-206 Multiplexers and Networks

DDM 1000		
Revision 2	6B	
Revision 1	6A	
✇363-206-100	6	DDM 1000 Dual DS3 Multiplexer — Loop and Trunk — User/Service Manual (3-93)

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■ 363-206-100AC	2	Dual Digital Multiplexer
■ Appendix 1AC	2	Description
■ Appendix 2AC	2	Planning Guidelines
■ Appendix 3AC	2	Specifications
■ Appendix 4AC	2	Installation and Maintenance
DDM Plus		
✇Addendum	1	
✇363-206-150	3	DDM-Plus User/Service Manual (1-92)
✇363-206-151	1	DDM-Plus — Installation Manual
✇363-206-152	3	DDM-Plus Quick Reference Guide (2-93)
363-206-154	1	DDM-Plus Wall Distant Terminal Installation Manual
✇363-206-156	2	DDM-Plus Equipment Engineering and Ordering Guide (2-93)
✇363-206-157	2	DDM-Plus ED-8C730-33 Wall Distant Terminal — Installation Manual (12-92)
363-206-160	1	DDM-Plus Planing Tool (10-92)
DDM 2000		
✇363-206-200	6	DDM-2000 Network Multiplexer Applications, Planning and Ordering Guide (2-95)
✇363-206-201	5	DDM-2000 OC-3 Multiplexer — System Commands Quick Reference
✇363-206-202	5	DDM-2000 OC-3 Multiplexer — Releases 2, 3, 5, 6, and 7 — User/Service Manual (3-94)
✇363-206-204	5	DDM-2000 OC-3 Multiplexer — Installation Manual — Releases 2, 3, 5, 6, and 7 (5-94)
✇363-206-206	3	OC-12 Commands Quick Reference Guide
Revision 3A	6/94	
✇363-206-207	3	DDM-2000 OC-12 Multiplexer — User/Service Manual — Releases 1, 2 and 3 and Regenerator Releases 1 and 2 (2-94)
✇363-206-208	3	DDM-2000 OC-12 Multiplexer — Installation Manual (12-92)
✇363-206-209	1	DDM-2000 OC-3 Software Release Description R2/2.1
✇363-206-220	5	DDM-2000 OC-3 Multiplexer — Circuit Pack Options Job Aid
✇363-206-222	2	DDM-2000 Job Aid
✇363-206-223	1	DDM-2000 Regenerator Commands
363-206-260	1	DDM-2000 Planing Tool (10-92)
DDM-2000 Fiber Reach		
363-206-300	1	DDM-2000 Multiplexer — Fiber Reach — Application, Planning, and Ordering Guide (1-95)

363-207 SLC 120 Network Access System

Addendum	2	
363-207-001	4	Description, Application, and Engineering Manual (9-92)
Addendum	1	
363-207-002	3	Operation and Maintenance Manual
Addendum	1	
363-207-003	3	SLC 120 Network Access System — Installation Manual
Revision 1	2/95	
363-207-004	2	SLC 120/240 Network Access System — Integrated SITA System User's Guide (12-94)
363-207-011	3	SLC 240 Network Access System — Customer Information Manual (12-94)
363-207-012	3	SLC 240 Network Access System — Turnup and Maintenance Manual (12-94)
363-207-013	1	SLC 240 Network Access System — Installation Manual

363-208 SLC-2000 Access System

✇363-208-000	4	SLC-2000 Access System — Applications, Planning and Ordering Guide (5-95)
✇363-208-001	6	SLC-2000 Access System — User/Service Manual (12-94)
Appendix 1	2	DDM-2000 OC-3 Multiplexer and SLC-2000 OC-3 SONET Subsystem — System Commands Quick Reference (10-93)
Appendix 2	2	DDM-2000 OC-3, OC-12 Multiplexer, and SLC-2000 SONET Subsystem — Circuit Pack Options Job Aid (10-93)

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Appendix 3	2	SLC-2000 Access System — Quick Turnup Job Aid (10-93)
Appendix 4	2	SLC-2000 Access System — Turnup and Maintenance Job Aid (10-93)
363-208-003	5	SLC-2000 Access System — Command and Message Manual (4-95)
✇363-208-006	2	SLC-2000 Access System — DLC Subsystem — Software Release Description — Release 2.00.03 M:1111 — (TR8 MODE 1) (MC97790A1, I3:3) (10-93)
✇363-208-007	2	SLC-2000 Access System — DLC Subsystem — Software Release Description — Release 2.00.03 M:1222 — (Mixed Mode — TR8 MODE 1 and TR8 MODE 2) MC97791A1, I3:3)
✇363-208-008	2	SLC-2000 Access System — DLC Subsystem — Software Release Description — Release 2.00.03 M:2222 — (TR8 MODE 2)(MC97791A1, I2:2)
363-208-010	3	SLC-2000 Access System — Customer Assembly Manual for RT Frames (8-94)
363-208-011	2	SLC-2000 Access System Customer Assembly Manual for COT Frames (7-94)
363-208-015	1	SLC-2000 Access System — Human Interface to the Integral Test Head (ITH) (6-93)

363-3 Analogue Carrier Systems

363-300 KS-20988 Multichannel Subscriber Carrier System

363-300-100	1	Description
363-300-205	1	Central Office Terminal — Installation and Preservice Tests
363-300-300	1	General Maintenance Plan
363-300-305	1	Central Office Terminal — Trouble Tests and Procedures
363-300-310	1	KS-20988 — Repeatered Line and Subscriber Terminal — Trouble Tests and Procedures

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363-301 SLC 8 Carrier System

363-301-100	2	General Description
▲Addendum	1	
▲363-301-400	2	Installation and Maintenance
363-301-525	1	Remote Power Feed — 231 Remote Power Feed Terminal (RPFT) — Description, Installation, and Maintenance

363-4 Single-Channel Carrier Systems

363-400 SLC 1 Carrier System

363-400-100	2	General Description
Addendum	1	
363-400-300	1	Central Office Installation and Testing

363-401 Data SLC Carrier System

363-401-100	1	Local Area Data Transport (LADT) Network — General Description

363-7 Pair Gain Systems

363-700 LSS (Loop Switching System)

363-700-100	1	Overall Description
363-700-200	1	Installation and Testing Procedures
363-700-500	1	Maintenance and Trouble-Locating Procedures

363-701 No. 10A RSS (No. 10A Remote Switching System)

363-701-215	1	Digital Line Preservice Tests
363-701-216	1	Active Fault-Locating and Order Wire Systems — Fault-Locating and Order Wire Panel Installation, Turnup and Tests
363-701-515	1	Digital Line Fault-Locating Procedures Using Passive (598 or 1068) Filters
363-701-516	1	Digital Line Fault-Locating Tests and Procedures Using Active (1114- or 1115- Type) Filters

Division 364AC

Submarine Cable Systems

Distribution of this index is limited. It can be ordered individually as 364-000-000AC.

Division 365

Digital Transmission Systems

365-0 Index, Record Cards, Equipment Test Lists, Data Sheets, and General Information
- -000 Index and Record Cards
- -001 Equipment Test Lists
- -005 Channel Unit Data Sheets — D4 and D5 Channel Banks
- -010/-020 Document Indexes and General Information — Digital Transmission Systems
- -030 Transport Provisioning
- -098 Customer Information Releases (CIRs)
- -099 General Distribution CIRs

365-1 D1, D3, and D4 Channel Banks, D5 Digital Terminal System, Wideband Data Terminals, and Facility Connectors
- -100 D1 Channel Bank
- -116 D1D Channel Bank
- -118 Wideband Data Terminals
- -150 D3 and D3B Channel Banks
- -170 D4 Channel Bank
- -180 Facility Connectors
- -181 Granger Transmux Facility Connector
- -190 D5 Digital Terminal System

365-2 T1, T1 Outstate (T1/OS), T1C, and T1D Digital Lines
- -200 T1 and T1 Outstate (T1/OS) Digital Lines
- -250 T1 Outstate (T1/OS) and T1C Digital Lines
- -271 T1C Digital Line and T1C Automatic Protection Switch
- -272 T1D Digital Line
- -285 T1G Digital Transmission System
- -287 BCM32000

365-3 Maintenance Facilities — Digital Access Cross-Connect System (DACS)
- -300 Cross-Connect Facilities and Lightwave Interconnection — DACS
- -301 DACS (Digital Access Cross Connect System)
- -305 IACS (Integrated Access Controller System)
- -306 DACSCAN™-2000 Controller C-Module — Surveillance and Control System)
- -307 DACSCAN™-2000 Controller T-Module — Surveillance and Control System)
- -320 J98710-E T1 and T1 Outstate (T1/OS) Order-Wire Facilities
- -325 J98725H T1, T1 Outstate (T1/OS), T1C, T1D, and T2 Order-Wire Facilities
- -326 J98741( ) Optical Order Channel and Alarm Telemetry (OOCAT) System
- -330 T-Carrier Administration System
- -331 DACS III 2000 Release 2.0
- -335 DACS III 2000 Release 2.0 NSD Supplement
- -340 DACS IV 2000 (Release 2.1d Simplex)
- -345 DACS IV-2000 (Release 2.1)
- -352 DACS II
- -353 DACS II Release 6.0
- -359 DACS II ISX

365-4 D2 Channel Bank and Non-AT&T Digital Carrier Systems
- -400 D2 Channel Bank
- -456 Non-AT&T Digital Carrier Systems

365-5 High Speed/Lightwave Digital Lines/FT Series G
- -500 T2 Digital Line
- -550 T4M Digital Line
- -560 FT3/FT3C/FTX-180 Lightwave Digital Line
- -565 FT (Fiber Transmission) Series G Lightwave Systems
- -571 T4M Span Terminating Frame
- -575 FT-2000 Lightwave System

365-6 Digital Multiplexes, DS3 and DS4 Systems, FT3/FT3C/FTX-180 Facilities, and FT Series G
- -600 M1-2 Digital Multiplex
- -601 M13 Digital Multiplex
- -602 MX3/MX3C Digital Multiplex, FT3/FT3C/FTX-180 Terminals, and MC-90/180 Maintenance Communication Facility
- -603 M34 Digital Multiplex
- -604 M1C Digital Multiplex
- -605 M1C-A Digital Multiplex
- -671 DS3 and DS4 Systems
- -672 M1C Digital Multiplex

-674 Lightwave Data Set

-675 Lightguide MX3/MX3C/FTX-180 Digital Multiplex and FT3/FT3C/FTX-180 Line Repeater Station

-680 DCO-PNI (Digital Central Office-Packet Network Interface) and FT (Fiber Transmission) Series G Terminal and Line Repeater Station

-690 International Applications

365-7 DTV (Digital TV)

-700 Codec Interim Design

365-8 T1 Carrier Systems

365-9 Digital Subscriber Lines

-900 Asymetrical Digital Subscriber Line (ADSL)

365-W WIPs (Workcenter Information Packages)

NOTE:
Documents in this division carrying this symbol ✇ are available in electronic form in 300-100-XXX.

Number	Issue	Subject
365-0 Index, Record Cards, Equipment Test Lists, Data Sheets, and General Information		
365-000 Index and Record Cards		
365-000-000	52	Numerical Index Division 365 — Digital Transmission Systems (5-95)
Addendum	1	
365-000-010	3	Terminal and Repeatered Line Central Office Record Cards
365-001 Equipment Test Lists		
365-001-011	16	D Channel Banks by Frame
365-001-012	7	D Channel Banks by End Office
365-001-013	7	T1 Lines
365-001-014	6	T1C Lines
365-001-015	5	Digital Multiplex
365-001-016	4	T1 Outstate
▲365-001-017	5	Wideband Data
365-001-018	3	T2 LinesE
365-001-019	2	T4M Digital Line
365-001-020	1	T1D Lines
365-005 Channel Unit Data Sheets — D4 and D5 Channel Banks		
365-005-000	1	D4 Channel Bank — Binder NOTE: Provides binder and all D4 Channel Unit Data Sheets Issued to Date
365-005-001	3	J98726BJ-2, L2; BJ-3, L3 2E&M9 Channel Unit D4CE200
365-005-002	2	J98726BT-2, L2 2E&M6 Channel Unit D4CE600
365-005-003	3	J98726BC-2, L2; BC-3, L3 4E&M Channel Unit D4CE100
365-005-004	4	J98726BP-2, L2; BP-3, L3 4E&MER Channel Unit D4CE120 (8-92)
365-005-005	1	J98726BA-4, L4, B DPO Channel Unit D4CD100
365-005-006	1	J98726BB-2, L2, B DPT Channel Unit D4CD200
365-005-007	1	J98726BH-3, L3 SDPO Channel Unit D4CD300
365-005-008	1	J98726BM-2, L2 B DPMO Channel Unit D4CD400
365-005-009	1	J98726BY-1, L1 4LSXO Channel Unit D4CL100
365-005-010	2	J98726BE-2, L2, B 2FXO Channel Unit D4CX200
365-005-011	1	J98726BD-3, L3, A 2FXS Channel Unit D4CX100
365-005-012	1	J98726BL-1, L1A 2FXOLS Channel Unit D4CX800
365-005-013	1	J98726BK-1, L1 A 2FXSLS Channel Unit D4CX700
365-005-014	2	J98726SK-2, L2; L2,T; L2,T, MODA 2FXO/GT Channel Unit D4CX401, 403
365-005-015	1	J98726SG-2, L2 2FXS/GT Channel Unit D4CX301
365-005-016	1	J98726SC-2, L2 4FXO Channel Unit D4CX611
365-005-017	2	J98726SB-2, L2 4FXS Channel Unit D4CX511
365-005-018	1	J98726SD-2, L2 2DX/GT Channel Unit D4CE331
365-005-019	2	J98726SE-2, L2; L2,A; L2,T; L2,A,T 4DX Channel Unit D4CE411, 451
365-005-020	2	J98726BN-2, L2; BN-3, L3 PLR Channel Unit D4CE700

Number	Issue	Subject
365-005-021	1	J98726SF-2, L2 4TDM Channel Unit D4CE500
365-005-022	1	J98726SJ-2, L2 2TO Channel Unit D4C0200
365-005-023	1	J98726SH-2, LT2 4TO Channel Unit D4C0110
365-005-024	1	J98726SQ-3, L3 4ETO Channel Unit D4C0310
365-005-025	1	J98726CA-1, L1 PG5T Channel Unit D4CP100
365-005-026	2	J98726CB-1, L1; CB-2, L2 PG5R Channel Unit D4CP200, D4CP210
365-005-027	1	J98726CC-1, L1 A PG8T Channel Unit D4CP301
365-005-028	2	J98726CD-1, L1; CD-2, L2 PG8R Channel Unit D4CP400, D4CP401
365-005-029	1	J98726BF-1, L1 A RPO Channel Unit D4CR100
365-005-030	1	J98726BG-1, L1 RPT Channel Unit D4CR200
365-005-031	1	J98726DA-1, L1 DSO DP (64 KB/S) Channel Unit D4DP100
365-005-032	1	J98726DB-1, L1, 2, and 3 OCU DP Channel Unit D4DP200, D4DP300, D4DP400
365-005-033	1	J98726DC-1, L1 DSU DP Channel Unit D4DP500
365-005-034	2	J98726DD,L1; L1,B DSO DP 56 KB Channel Unit J98726DD,L1;L1,B DSO D4DP600
365-005-035	2	J98726DE-1,L1; L1,A; L1,A,B 56 KB OCU DP Channel Unit D4DP700
365-005-036	1	J98726BS-2, L2 ES20 Channel Unit D42C101
365-005-037	1	J98726BR-2, L2 B ES2T Channel Unit D42C200
365-005-038	1	J98726BU-1, L1 ES 3 Channel Unit D43C001
365-005-039	1	J98726BW-1, L1 RSCO Channel Unit D4CS100
365-005-040	1	J98726CH-1, L1, DPT6 Channel Unit D4CD210
365-005-041	1	J98726SS-1, L1, 2FX06 Channel Unit D4CX22D
365-005-042	1	J98726SR-1, L1, 2FXS6 Channel Unit D4CX110
365-005-043	3	J98726BA-5, L5 DPO Channel Unit D4CD101
365-005-044	1	J98726SN-1, L1 2RD/PLAR Channel Unit D4C2300
365-005-045	2	J98726SP-1, L1 4RD/PLAR Channel Unit D4C2400
365-005-046	1	J98726GA-1, L1, SEC MC S Channel Unit D4CA100
365-005-047	1	J98726GB-1, L1, SEC MC O Channel Unit D4CA200
365-005-048	2	J98726CE-1, L1, A, B, PG15T Channel Unit D4CP504
365-005-049	2	J98726CF-1, L1, A, B, C, PG15R Channel Unit D4CP604
365-005-050	2	J98726PA-2, L1; L2 RXO Channel Unit D4DC210, 211
365-005-051	2	J98726PB-1, L1; L2 TRXS Channel Unit D4DC310, 312
365-005-052	1	J98726DF-1, L1 CSDC MTCE Channel Unit D4DC100
365-005-053	1	J98726DG-1, L1 PSDP Channel Unit D4DP1A0
365-005-054	2	J98726BT-3, L3 2E&M6 Channel Unit D4CE600
365-005-055	1	J98726BH-4, L4 SDPO Channel Unit D4CD300
365-005-056	1	J98726BE-3, L4 2FXO Channel Unit D4CX235
365-005-057	2	J98726CG-1, 4E&MD Channel Unit D4CE140
365-005-058	1	J98726DB-2,L4,L5, and L6 OCU DP Channel Units D4DP210, D4DP310, D4DP410
365-005-059	1	J98726DA-2,L2; L2,A; L2,A,B DSO (64 KB/S) Channel Units D4DP110
365-005-060	1	J98726SH-3, L3 4TO Channel Unit D4C0110
365-005-061	1	J98726SQ-4, L4 4ETO Channel Unit D4CD310
365-005-062	2	J98726ST-1, L1 2PBX Channel Unit D4CX900
365-005-063	1	J98726SU-1, L1 2FXO/LSN Channel Unit D4CX810
365-005-064	1	J98726BL-2, L2 2FXOLS Channel Unit D4CX804
365-005-065	1	J98726CK-1, L1 PG5DT Channel Unit D4CP110
365-005-066	1	J98726CL-1, L1 PG5DR Channel Unit D4CP220

Number	Issue	Subject
Addendum	1	
365-005-067	1	J98726DH-1, L1, B, T, Mod A — All-Rate DS0 Dataport D4DP810MJAA
365-005-068	1	J98726BK-2, L2 2FXS-LS Channel Unit D4CX704
Addendum	2	
365-005-069	1	J98726DJ, L1, All-Rate OCU Dataport D4DP910KAA
365-005-070	2	J98726SW-2, L2, A, B 4SF Channel Unit D4CUBB4, D4CUBB7, D4CUBB8
365-005-071	1	J98726CN-1, L1 PG7.5T Channel Unit D4CP900LAA
365-005-072	1	J98726CP-1, L1 PG7.5R Channel Unit
365-005-073	1	J98726BN-4, L4 PLR Channel Unit D4CE705
365-005-074	1	J98726BD-4, L4, 2FXS Channel Unit D4CX10A
365-005-075	1	J98726SB-3, L3, 4FXS Channel Unit D4CX525
365-005-076	1	J98726SE-3, L3, 4DX Channel Unit D4CE456TAA
365-005-077	1	J98726SW-1, L1 4SF Channel Unit
365-005-078	4	J98726SG-3, L3, A, L4 2FXS/GT Channel Unit D4CX303ZAA (1-93)
365-005-079	1	J98726BR-3, L3 ES2T Channel Unit D42C202
365-005-080	1	J98726HA-1, L1, Office Channel Unit D4 D4OC101
365-005-081	2	J98726DL-2, L2, 56 KB/S DDA OCU D4DP803
365-005-083	1	J98726BB-3, L3 DPT Channel Unit D4CD200
365-005-084	1	J98726DL-1, L1 56 KB/S DDA OCU D4DPB03M
365-005-085	1	J98726DK-1, L1 56 KB/S DDA DSO D4DPA00L
365-005-086	3	J98726DN-1, L1 DSU II DP Channel Unit D4DPH20
365-005-087	4	J98726DP-1, L1 DSU II 56KB DP Channel Unit D4DPH30 (4-92)
365-005-089	3	AHG13 Brite Channel Unit D4C1AA1AXX — Data Sheet
365-005-090	3	J98726BE-4, L5 2FXO Channel Unit D4CX23D
365-005-091	2	J98726BP-4, L4 4E & MER Channel Unit — D4CE120 (8-92)
365-005-092	1	J98726BC-4, L4 4E&M Channel Unit D4CE100
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365-005-093	2	J98726DJ-2, L3 ALLRATE OCU Dataport Data Sheet
365-005-094	1	J98726ST-1 L2 2PBX Channel Unit — D4 Channel Bank
365-005-095	2	J98726SN-2, L2 2RD/PLAR Channel Unit D4C2301
365-005-096	2	AHG38 All Rate DSO Dataport Channel Unit — Data Sheet — D4 Channel Bank (9-92)
365-005-098	1	J98726DH-1, L2 All-Rate DSO Dataport D4DP81K
365-005-099	2	AHG19 KTTE Channel Unit D4C1AB0AXX — D4 Channel Bank
365-005-100	4	D4 Channel Unit Data Sheets Binder — Table of Contents (4-93)
365-005-101	1	J98726DJ-2 L4 All-Rate OCU Dataport D4DP91K — D4 Channel Bank
365-005-102	1	J98726ST-1 L3 2PBX Channel Unit D4CX9 — D4 Channel Unit
■ 365-005-103	4	AHG28, S1:2 BRITE II Channel Unit — D4 Channel Bank
365-005-104	4	AHG18, S1:2 Brite II Channel Unit — D4 Channel Bank
365-005-105	2	AHG31 Nx64/56 KB/S Data Service Unit Dataport Channel Unit
365-005-106	1	AHG29 2PBX Channel Unit — D4 Channel Bank
365-005-107	1	AHG30 All-Rate DSO Dataport Channel Unit
365-005-108	2	AHG33 All-Rate OCU Dataport Channel Unit (4-93)
365-005-109	1	J98726ST-1, L5 2PBX Panel Unit
365-005-110	2	AG39 DSU-DP Dataport Channel Unit — Data Sheet (4-93)
365-005-111	1	J98726BP-5, 15 4E&MER Channel Unit Data Sheet (1-93)
365-005-300	2	D5 AEK25 2W-0 Channel Unit — 4-Wire E&M Functions
365-005-301	1	D5 AEK22 4W-0 Channel Unit — 4-Wire E&M and PLR Functions

Number	Issue	Subject
365-005-302	3	D5 AEK20B 2W-1 Channel Unit — 2-Wire DPO, DPMO, 5DPO, FXS, FSX/LS, FXS/GT and TO Functions
Addendum	1	
365-005-303	2	D5 AEK23 4W-1 Channel Unit — 4-Wire FXS, DX, LSXO, TO and ETO Functions
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365-005-304	2	D5 AEK21 2W-2 Channel Unit — 2-Wire DPT, RSCO, FXO, FLO/LS, FXO/GT and TO Functions
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365-005-305	3	D5 4W-2 Channel Unit — 4-Wire FXO, TDM, TO, And ETO Applications (8-92)
365-005-306	2	D5 AEK30 4SF Channel Unit — Data Sheet — 4-Wire E&M, FXO, FXS, and to Companion Functions D5 Channel Bank
365-005-307	5	D5 AEK26 OCUDP Channel Unit
365-005-308	2	D5 AEK27 and AEK27B \m DSO Channel Unit
365-005-310	1	D5 2RD/PLAR Channel Unit

365-010/020 Document Indexes and General Information — Digital Transmission Systems

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365-010-001	7	DS1
365-010-002	3	DS1C
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365-010-004	3	DS3, FT3, and FT3C
365-010-005	3	DS4
365-010-006	2	DS1, DS1C, DS2, DS3, FT3, FT3C, and DS4

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365-010-007	1	Controlled Maintenance Plan
365-010-100	1	Type T1 Carrier System — Overall System — General Description
365-010-101	3	Engineering and Implementation Methods Systems (EIMS) — Digital Hierarchy
365-010-105	1	Channel Unit Compatibility — D-Type Channel Banks
365-010-110	4	T1 Outstate (T1/OS) System — General Description
365-010-200	1	Digital Access and Cross-Connect System (DACS) — Trouble Escalation Procedures — Automated Transmission Terminal System
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365-010-500	2	D-Type Channel Banks — Voiceband Data Considerations and Trouble Analysis Procedures
365-020-004	1	Digital Facilities Measurement Plan — Description
365-020-005	2	T-Carrier Service Measurement Plan
365-020-006	1	T-Carrier Service Improvement — Central Office Maintenance and Performance
365-020-301	1	T-Carrier Central Office Restoration and Maintenance Responsibilities

365-030 Transport Provisioning

■	365-030-100	2	Transport Service NOW (TSNOW) — User Guide for Technicians

365-098 Customer Information Releases (CIRs)

365-098-001NP	2	Digital Access and Cross-Connect System III — (Network Planning Letter)

365-099 General Distribution CIRs

365-099-010TD	1	Guidelines for Synchronizing Dataport- Based Digital Data Networks, Transmission Systems
365-099-015TD	2	The WESTERN ELECTRIC® Customer Network Controller, Transmission Systems
365-099-022TD	4	T-Carrier 231, 236, ns 250-Type DC-DC Converter Office Repeater Family
365-099-023TD	1	New Network Bay Frame, Transmission Systems
365-099-026TD	1	D4 Digital Data Bank, Transmission Systems
365-099-031NP	2	Digital Access and Cross-Connect System II (DACS II), Transmission Systems
365-099-032NP	2	Multiple Digital Access and Cross-Connect System (DACS) Complex, Transmission Systems

Number	Issue	Subject
365-099-043TS	1	FT Series G Technical Specification, Transmission Systems
365-099-046TD	1	Data Service Unit Dataport (DSU-II DP) — Transmission Systems
365-099-047NP	1	Digital Access and Cross-Connect Systems III and IV — Transmission Systems
365-099-048NP	1	FT Series G Dual Assemblies — Transmission Systems
365-099-050IR	1	Spares Exchange Service (SES) for Lightwave Equipment (LIGHTWAVE- SES) — Transmission Systems
365-099-053TS	2	Digital Access and Cross-Connect System II — Transmission Systems
365-099-055TD	1	Digital Access and Cross-Connect System II — Generic 2 Features — Transmission Systems
365-099-057TD	1	System III DSX-3/4 — Transmission Systems/Network Cable Systems
365-099-059TD	1	Digital Access and Cross-Connect System II Stratum 2 Clock, Transmission Systems
365-099-063IR	1	Rural Electrification Administration (REA) - D4 Channel Bank, SLC® 96 Carrier System, and DDM-1000 Dual DS-3 Multiplexer, Transmission Systems
365-099-065TS	2	Digital Access and Cross-Connect System III-2000 — Generic 1.1 and 1.2
365-099-066IR	1	Announcement to Discontinue Proposed DACS III 256 System
365-099-067IR	1	D5 Digital Terminal System — Generic 3
365-099-068IR	1	D4 Channel Bank — Availability of AHG9 Line Interface Unit
365-099-069MR	1	Buffer RAM Failures Causing Corruptive Data in the Bubble Memory (DACS I and SRDC)
365-099-070MR	1	Test Port Release Denied on a Digital Multipoint Bridge (DACS I and SRDC)
365-099-071MA	1	Degrowth of an NPC with Channel 0 (FMC) Cross-Connected, Transmission Systems
365-099-072MA	1	Autonomous Removal of an NPC Digroup
365-099-073MA	1	Unit Error Recovery Can Inhibit Restoral of Unit Service and Reply Interface
365-099-074MG	1	Critical, Major, or Minor Alarm Not Cleared
365-099-075MR	1	Restoring the Microprocessor System During a Maintenance Condition Can Result in an Inconsistent Frame State
365-099-076MG	1	Unreported Failure of Unit Clock Receiver on the Inactive Side
365-099-079MA	1	Abort of a Subrate Test Port Release
365-099-080MR	1	Restoring Subrate Magnetic Bubble Memory 6 (DACS I & SRDC)
365-099-081MG	1	Denial of a Manual PEST of an NPC
365-099-082MG	1	AMM180 Type Digroups Marked Failed
365-099-083MG	1	No Cross-Connect Map on an NPC Known to be Supporting Traffic
365-099-084MA	1	Frame Initialization in Preparation for Remote Memory Backup
365-099-085MG	1	Recommended Remote Memory Backup Routines
365-099-086MG	1	Essential Daily Routine Commands
365-099-087MA	1	Inconsistent Bubble States Result in a Partial Cross-Connection
365-099-088MG	1	Restoration of Last Side Related Entity Without a Restoration Side on an SRDC Frame
365-099-089MG	1	Subrate Test Access Permitted on Out-of- Service Digroup Circuit
365-099-090MG	1	Frame Audits Detected Failure of Bus Controller Circuit Pack
365-099-093TD	1	Digital Access and Cross-Connect System II, Generic 3 Features, Transmission System
365-099-094IR	1	D4 Digital Channel Bank — Replacement for J98732BA-2 L3 DCT/CCU (Digital Carrier Trunk/Combined Channel Unit)

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365-099-095IR	1	DACS II Communications Interface (CI+) and Enhanced Communications Interface (ECI+) Circuit Pack Ordering Information, Transmission Systems
365-099-096NP	1	Transmission Systems
365-099-097NP	1	FT Series G Lightwave System Single Frequency Laser Application Guidelines at 1.7 Gb/s, Transmission Systems
365-099-098IR	1	New DACS II Dual Digroup Cord Announcement and Ordering Information, Transmission Systems
365-099-099TD	1	800 Series and 900 Series DSX Frame Systems, Transmission Systems
365-099-100MA	1	Normal Tape Operations for the DACS II, DACS III, and DACS IV Systems, Transmission Systems
365-099-101IR	1	D5 Digital Terminal System - DA (Discontinued Availability) of Software Generics 2 and 2.5, Transmission Systems
365-099-102TS	1	Digital Access and Cross-Connect System IV-2000, Generic 1.1 Technical Specification, Transmission System
365-099-103MA	1	Class A Change on AEK21 Series 5 Channel Unit D5 Digital Terminal System, Transmission Systems
365-099-104IR	1	D4/SLC 96 Carrier System- New 64 kb/s Digital Data Capability, Transmission Systems
365-099-105TD	1	Digital Access and Cross-Connect System II, Generic 4 Features, Transmission System
365-099-106NP	1	DACScan™-2000 Controller, Transmission Systems
365-099-108TD	1	Digital Access and Cross-Connect System IV-2000, Generic 2 Features — Transmission System
365-099-109MG	1	FT Series G Lightwave System Advisory on Use of RS155 Plastic Tubing — Transmission Systems
365-099-110TR	1	Digital Access and Cross-Connect System II (DACS-II) Direct Interface With SLC Series 5 Carrier, Feature Package B With Specials — Transmission System
365-099-111TD	1	Digital Access and Cross-Connect System II, Release 5.0 Features, Transmission System
365-099-112TD	1	Digital Access and Cross-Connect System II (DACS II), Generic 4.1 Features. Transmission Systems
365-099-113MR	1	Digital Access and Cross-Connect System IV-2000 (DACS IV-2000), Generic 1, Disk Drive Replacement Procedure, Transmission Systems
365-099-114NP	1	Element Management System for Digital Access Cross-Connect System II (EMS/DACS II) Controller, Release 1, Transmission Systems
365-099-115TD	1	Digital Access and Cross-Connect System III-2000 (DACS III-2000), Release 2.0, Transmission Systems
365-099-116MR	1	Digital Access and Cross-Connect System IV-2000 (DACS IV-2000), X.25 Data Links (Links 5 and 6) Changes for EC12 Operations
365-099-117IR	1	Digital Access and Cross-Connect System II (DACS II) 19.2 kb/s Multipoint Junction Unit (MJU) Bay
365-099-118TD	1	Digital Access and Cross-Connect System IV-2000 (DACS IV-2000), Release 2.1, Transmission Systems
365-099-119TD	1	DACS IV-2000 Digital Systems Access Bays
365-099-120TD	1	DACS III-2000 Digital Systems Access Bay
365-099-121TD	1	AT&T BANTAM PLUS™ DSX-1/1C System
■ 365-099-122IR	1	AEK10B D5 Digroup Formatter Circuit Pack
365-099-123IR	1	UL* Listed DACS II Digital Access and Cross-Connect System, Transmission Systems
365-099-127TD	2	DACS II DS1 Multipoint Junction Unit Shelf (5-92)

* UL is a registered trademark of Underwriters' Laboratories, Inc.

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365-099-124TD	1	Digital Access and Crossconnect System II (DACS II) Release 5.1 Features
365-099-125TD	1	DACScan™ 2000 Controller, Release 1, 2 Features, Transmission
365-099-126TS	1	CIR Digital Access and Cross-Connect System II (DACS II) Release 5.0 Technical Specification
365-099-127TD	1	Digital Access and Crossconnect System II (DACS II) DS1 Multipoint Junction Unit Shelf
365-099-130TD	1	Digital Access and Crossconnect System II (DACS II) Release 6.0
365-099-131TS	1	Digital Access and Crossconnect System II (DACS II) Release 6.0
365-099-132TD	2	Digital Access and Cross-Connect System II — Integral Shelf Cross Connect (DACS II ISX) Release 1.0
365-099-133TS	1	Digital Access and Cross-Connect System II — Integral Shelf Cross Connect (DACS II ISX) Release 1.0 (12-93)
■ 365-099-134TD	1	Digital Access and Cross-Connect System II — Integral Shelf Cross Connect (DACS II ISX) Release 1.1 (8-94)

365-1 D1, D3, and D4 Channel Banks, Digital Terminal System, Wideband Data Terminals, and Facility Connectors

365-100/115 D1 Channel Bank

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365-100-100	3	D1A, D1B, and D1C Channel Banks — General Description
365-100-110	5	Channel Units — Description
365-100-300	5	Installation and Initial Lineup — Summary
365-100-500	1	Maintenance Considerations

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365-101-200	8	J86498A and B Power Supply — Installation and Replacement
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365-101-501	2	J87331A-1 Power Supply — Tests and Trouble Location

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365-102-500	4	Initial Terminal Installation
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365-108-502	3	J98711P, List 2 Through 5 — Troubleshooting

D1A, B, and C Channel Bank Maintenance

365-110-500	6	D1A, D1B, and D1C Channel Banks — Trouble Locating Procedures

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365-110-501	1	D1A, D1B, and D1C Channel Banks — Routine Maintenance
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365-115-500	4	D1A, D1B, D1C, and D1D Channel Banks — Tests and Adjustments
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365-115-501	2	D1A and D1B Channel Banks — Signaling Tests

365-116 D1D Channel Bank

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365-116-101	1	4019CS 1-kHz Code Generator — Description
365-116-500	2	Maintenance Considerations
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365-116-501	3	Initial Checks and Terminal Installation
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365-116-504	1	Signaling Tests and Trouble Location
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365-118/121 Wideband Data Terminals

T1WB-1 and T1WB-2 Wideband Banks

▲Addendum	1	
▲365-118-100	3	Terminal Description
▲365-118-500	3	Installation Tests
▲365-118-501	4	Lineup and Adjustments
▲365-118-502	3	Trouble Locating Procedures

T1WM-1 Wideband Modem

▲Addendum	1	
▲365-119-100	2	Terminal Description
▲365-119-500	3	Installation Tests
▲365-119-501	3	Lineup and Adjustments
▲365-119-502	4	Trouble Location Procedures

T1WB-3 and T1WB-3D Wideband Data Banks

▲365-120-100	4	Terminal Description
▲365-120-500	4	Installation Tests
▲365-120-501	5	Lineup and Adjustments
▲365-120-502	4	Trouble Location Procedures

T1WM-4 Wideband Modem

▲365-121-100	1	Description
▲Addendum	1	
▲365-121-200	1	Installation and Initial Tests
▲365-121-500	2	Trouble-Locating Procedures

365-150 D3 and D3B Channel Banks

365-150-100	4	General Description
Addendum	1	
365-150-101	5	Channel Unit Description
365-150-102	1	J98718BR D3 Channel Test Unit Circuit — Signaling and Transmission — Description
365-150-103	1	Channel Unit Extender — Description
365-150-104	1	D3 — Portable Bay — General Description
365-150-105	1	D3 — Reframe Counter Unit — Description
Addendum	1	
365-150-106	2	D3 — 5-kHz and 8-kHz Program Channel Units — Description, Installation, and Test
Addendum	1	
365-150-107	3	D3B — Dataport Operation — Description, Application, and Troubleshooting
365-150-110	1	Unitized Bay — Description
365-150-310	1	Unitized Bay — Operation
365-150-500	2	Maintenance Considerations
Addendum	1	
365-150-501	4	D3 — Installation and Tests
Addendum	1	
365-150-502	1	Initial and Circuit Order D3 Tests With D3, D2, and D1D
Addendum	1	
365-150-503	2	Channel Option and Pad Selection
Addendum	1	
365-150-504	2	Signaling Tests and Trouble Location

Number	Issue	Subject
System Lineup Procedures With:		
365-150-506	2	ITT T324
365-150-507	1	Vidar* — D3
365-150-508	1	Lenkurt† 9002A or 9002B
365-150-509	1	Stromberg-Carlson‡ SC975
365-150-510	1	Wescom§ 330
365-150-511	1	Lynch¶ B321 — D3
365-150-512	1	Northern Telcom DE-3 — D3
CDM		
365-165-101	2	CDM Service Manual Installation, Test, and Maintenance
365-170 D4 Channel Bank		
▲365-170-000	4	D4 Channel Bank Maintenance Tasks
365-170-100	6	Description
365-170-101	4	General Channel Unit Description
365-170-102	1	5-kHz and 8-kHz Program Channel Units — Description, Installation, and Tests
365-170-104	3	Unitized Bay — Description
365-170-110	3	Dial Pulse Channel Units — Description
365-170-111	2	2-Wire E&M, 2-Wire E&M 600-Ohm — 4-Wire E&M, 4-Wire E&M Extended Range, and 4-Wire E&M Dual — Channel Unit Description
365-170-112	1	2-Wire Revertive Pulse — Originating and Terminating — Channel Unit Description
365-170-113	2	ES2 and ES3 Direct Interface Channel Units and Test Extender — Channel Unit Description
365-170-114	1	Remote Switching System — Central Office End — Channel Unit Description
365-170-115	2	Foreign Exchange — Channel Unit Description
365-170-116	2	Pulse Link Repeater and Tandem Channel Unit — Description
365-170-117	1	2-Wire and 4-Wire Duplex — Channel Unit Description
365-170-118	2	2-Wire and 4-Wire Transmission Only — Channel Unit Description
365-170-119	1	Ringdown and Private Line Automatic Ringdown Channel Units — Description
365-170-120	3	Dataport Channel Units — Description
365-170-121	1	Security Channel Units — Station End and Office End — Channel Unit Description
365-170-122	1	15-kHz Program Channel Units — Description
365-170-123	1	Circuit Switched Digital Capability — Channel Units
365-170-140	1	J98726MP Channel Unit Extender — Description and Operation
365-170-150	1	Dataport Latching Loopback Procedure — Dataport Channel Units
▲365-170-200	1	Digital Data Bank (DDB) — Office Channel Unit (OCU) — Acceptance and Maintenance Procedures
365-170-201	2	Digital Data Bank — Description and Application Engineering
▲365-170-210	1	Digital Data Bank — Multipoint Junction Unit — Acceptance and Maintenance Procedures
Addendum	1	
▲365-170-220	1	Digital Data Bank — Subrate Multiplexer Unit — Acceptance and Maintenance Procedures
❶ 365-170-400	2	D4 Transmission Module — User's Manual (Covers all three cabinet versions)
❶ 365-170-400	3	D4 Transmission Module — User's Service Manual (Covers only 42" cabinet UL Approved)
365-170-410	1	NJ04002D-1 D4 Autoplex Transmission Module — Frame Mounted — Electromagnetic Compatibility Requirements

* Vidar is a registered trademark of California Microwave, Inc.

† Lenkurt is a registered trademark of Siemens Transmission Systems, Inc.

‡ Stromberg-Carlson is a registered trademark of Stromberg-Carlson Corporation

§ Wescom is a registered trademark of Rockwell Telecommunications, Inc.

¶ Lynch is a registered trademark of Lynch Communication Systems, Inc.

Number	Issue	Subject
365-170-501	1	15-kHz Program Channel Units — Alignment Procedures
365-170-502	3	D4 Channel Bank or SLC 96 Carrier System Terminal— AHG13, S2 BRITE Channel Unit for ISDN Applications \m Installation and Testing
365-170-503	2	D4 Channel Bank or SLC 96 Carrier System Terminal AHG18 and AHG28 Brite II Channel Units for ISDN Applications Installation and Testing
365-170-600	2	J98726JA TUI and J98726JB OIU-5 — Independent Digroup Timing — Circuit Packs
365-170-601	6	AHG9 Series 1; Series 2 LIU-3B Line Interface Unit — Bipolar Eight Zero Substitution — (B8ZS) Data Sheet
365-170-602	4	LIU-3ESF Line Interface Unit — Extended Superframe Format — Data Sheet
365-170-603	1	AHG12 01U-4A Office Interface Unit Circuit Pack — Data Sheet
365-170-604	1	Integrated Low Bit Rate Voice (ILBRV) — Data Sheet
365-170-605	1	T1 Data Multiplexer (T1DM) Format Interface
365-170-606	2	J98726AL-3, L3, L4 A O1U-2 (Office Interface Unit 2) — Data Sheet
365-170-607	1	J98726AC-2, L2, A Alarm Control Unit (ACU) — Data Sheet
365-170-608	1	AHG34 Receive Unit (RU2) — Data Sheet — D4 Channel Bank
365-170-609	2	AHG35 LIU-3E2 — Data Sheet — D4 Channel Bank
365-170-610	2	AHG37 LIU-3E2 — Data Sheet — D4 Channel Bank
365-170-611	1	J98726AB-5 L7 Receive Unit(RU) — Data Sheet \m D4 Channel Bank

365-180 Facility Connectors

365-180-100	3	LT-1B — Description — Analog Multiplex Terminal Equipment
365-180-105	1	LT-2 Digital Transmultiplexer — Description

Number	Issue	Subject
365-181 Granger TRANSMUX Facility Connector		
TM7400		
■ 365-181-901AC	B	Support System — Description
TM7400-M2		
■ 365-181-905AC	1	L-to-F — General Description
■ 365-181-906AC	1	L-to-F — Acceptance and Alignment
■ 365-181-907AC	1	L-to-T — Maintenance
TM7450		
■ 365-181-908AC	1	Power Distribution and Fuse Panel
TM7400-M3		
■ 365-181-909AC	1	L-to-F — General Description
■ 365-181-910AC	1	L-to-T — Acceptance and Alignment
■ 365-181-911AC	1	L-to-F — Maintenance
TM7400-M4		
■ 365-181-912AC	1	Index
■ 365-181-913AC	1	General Description
■ 365-181-914AC	1	Specifications
■ 365-181-915AC	1	Functional Description
■ 365-181-916AC	1	Installation
■ 365-181-917AC	1	Initial Power-Up and Testing
■ 365-181-918AC	1	Terminal Operation — (Software Version 1.20)
■ Addendum AC	1	
■ 365-181-919AC	1	Controls and Indicators
■ 365-181-920AC	1	Troubleshooting
■ 365-181-921AC	1	Terminal Operation — (Software Version 1.20)
■ 365-181-922AC	1	GMAP for the TM7400-M2/M3 Applications
■ 365-181-923AC	1	GMAP for the TM7400-M4 Applications

365-190 D5 Digital Terminal System

Acceptance and Maintenance Tasks		
Addendum	1	
▲365-190-000	1	Acceptance and Maintenance Tasks — Generic 1.1 Software

Number	Issue	Subject
▲365-190-025	1	D5 and D5S Digital Terminal System — Acceptance and Maintenance Tasks — Generic 2.1 and 2.5
▲365-190-030	1	D5 and D5S Digital Terminal System — Acceptance and Maintenance Tasksl(em Generic 3.0 R2 Software (10-91)
Description		
365-190-100	6	D5 Digital Terminal System — Description
365-190-120	2	AEK10B Digroup Formatter — Data Sheet — D5 Digital Terminal System (8-92)
User Manuals/Guides		
365-190-204	1	Quick Reference Guide — Generic 2.1 and 2.5
Addendum	2	
365-190-206	1	Input-Output Message Manual — Generic 3.0 Software
365-190-207	1	D5 Digital Terminal System — Quick Reference Guide Generic 3

365-2 T1, T1 Outstate (T1/OS), T1C, And T1D Digital Lines

365-200/228 T1 and T1 Outstate (T1/OS) Digital Lines 1

Number	Issue	Subject
365-200-001	1	231 M and N Office Repeater — Data Sheet — T1 Line Facility
365-200-002	1	J98725 DA-1 DS1 Extension Shelf — Data Sheet — T1 Carrier System
365-200-003	1	231P(T1R1H0ADAA) Office Repeater— Data Sheet (9-92)
365-200-004	1	AEK88(T1R2GBOKAA) Office Repeater— Data Sheets (9-92)
365-200-005	1	AEK90(T1R2FBOKAA) Office Repeater— Data Sheets (9-92)
365-200-006	1	T1 Carrier System — AEK86(T1R2FAOKAC) Office Repeater — Data Sheet (8-92)
365-200-007	1	T1 Carrier System — AEK89 DSX Circuit Pack (9-93)
365-200-100	10	T1 Digital Line — General Description
365-200-101	8	Repeater Description
365-200-102	1	T1 Intra-Office Repeater — Description, Installation, and Maintenance
365-200-103	3	J98713F Line Terminating Unit and ED-3C570-( ) Line Powering Auxiliary Unit — Description
365-200-104	1	T1 Automatic Standby Unit — Description
365-200-105	3	J98710U Express Office Repeater Panel — T1 and T1/OS Digital Line — General Description, Initial Lineup, Tests, and Maintenance
365-200-106	2	Small Cross-Section Office Repeater Shelf — Description, Installation, and Maintenance — T1 Digital Line
365-200-107	2	DS1 Office Repeater Extension Shelf — Description, Installation, and Maintenance — T1 Digital Line
365-200-160	3	T1 Outstate (T1/OS) Digital Line Fault- Locating System — Description and Operation
365-200-170	2	J98728 Span Terminating Module (STM) — General Description
365-200-203	3	J98713F Line Terminating Unit and ED-3C570-( ) Line Powering Auxiliary Unit — Installation
365-200-204	1	T1 Automatic Standby Unit — Initial Tests
365-200-300	3	T1 Digital Line — Installation and Initial Lineup Tests
365-200-301	1	208 Express Office Repeater Panel (208 EORP) — Initial Lineup, Tests, and Maintenance
365-200-410	2	T1 Outstate — Line and System Maintenance — Considerations and Tests
365-200-503	3	J98713F Line Terminating Unit and ED-3C570-( ) Line Powering Auxiliary Unit — Tests
365-200-504	1	T1 Automatic Standby Unit — Trouble Location and Maintenance
Addendum	1	
365-211-516	5	Pair-Loss Measurements — Using 113- Type Test Set

Number	Issue	Subject
365-211-517	2	J98710U Express Office Repeater Panel — Pair-Loss Measurements
365-211-518	2	Repeatered Line Cable Sections — Pair- Loss Measurements Using J98725AA Test Set
Addendum	1	
365-221-500	9	Line Repeaters and Regenerators — Tests Using the J98710H Test Set
Addendum	1	
365-222-200	6	Office Repeaters — Installation and Replacement
365-223-500	9	T1 Digital Line — Initial Span Line Powering
365-224-500	5	Initial Overall Line Tests
365-224-600	3	T1 Outstate — Turnup Tests
365-225-500	7	T1 Digital Line — Routine Maintenance Tests
365-226-500	5	T1 Repeatered Line — Identification Plan and Line Patching Procedures
365-228-500	4	Digital Data System Qualification Test Procedures

365-250 T1 Outstate (T1/OS) and T1C Digital Lines

Addendum	1	
365-250-100	5	T1C Digital Line — General Description
Addendum	1	
365-250-101	4	T1C Digital Line — Repeater Description
365-250-105	3	J98725J Express Office Repeater Panel (EORP) — Description, Operation, and Maintenance
365-250-110	1	Lynch B302 — Electronic Span Line Switch (T1/OS)
365-250-120	2	TIC Automatic Protection Switch — Description

365-271 T1C Digital Line and T1C Automatic Protection Switch

Addendum	2	
▲365-271-000	6	Acceptance and Maintenance Tasks

Number	Issue	Subject

365-272/280 T1D Digital Line

▲Addendum	1	
▲365-272-000	1	Maintenance Tasks
Addendum	1	
365-280-100	3	General Description
Addendum	1	
365-280-101	2	Repeater Description

365-287 BCM32000 (Bit Compression Multiplexer)

365-287-100	3	Description, Installation, and Maintenance Manual
365-287-110	3	X-Panded — Description, Installation, and Maintenance Manual
365-287-115	2	Solitaire — Description, Installation, and Maintenance Manual

365-288 Integrated Access and Cross-Connect System

365-288-000	1	Applications and Planning Guide
Appendix 1	A	Applications and Planning Guide
■ Addendum	1	
■ 365-288-001	1	Integrated Access Terminal — User's Manual
■ Addendum	1	
■ 365-288-002	1	Integrated Access Controller — User's Manual
■ Addendum	1	
365-288-003	1	AT&T Integrated Access Terminal — Quick Reference Guide
■ Addendum	1	
■ 365-288-004	B	AT&T Intergrated Access Controller — Quick Reference Guide
365-288-103	B	Integrated Access Terminal — Quick Reference Guide

365-3 Cross-Connect and Maintenance Facilities — DACS

365-300/310 DACS — Cross-Connect Facilities and Lightwave Interconnection

■ 365-300-100AC	4	Transport And Service Terminating Equipment Implementation Methods and Procedures (8-93) Note: Available only online for NSD

Number	Issue	Subject
DACS Promotions and Marketing		
365-300-900	--	DACS Promotional Package (contains items 365-300-901, -902, and -903)
365-300-901	1	DACS Mouse Pad
365-300-902	1	DACS 1995 Calendar
365-300-903	1	DACS Paper Pad
365-301 DACS		
Reference		
365-301-003	2	DACS III-2000 (Digital Access and Cross- Connect System III) — Reference Manual
■ 365-301-003AC	1	DACS III-2000 — Reference Manual — Supplement
365-301-004	3	DACS IV-2000 — Reference Manual
■ Supplement AC	1	DACS IV-2000 — Reference Manual
■ 365-301-005	3	DACS II UL Listed Installation And Safety Instruction (7-94)
Description		
365-301-100AC	1	SM 620 Subrate Multiplexer Data Sheet — Digital Access and Cross-Connect System
365-301-101	7	DSX-1, DSX-1C, and DSX-2 Patch and Cross-Connect — General Description
365-301-102	1	800 Series DSX — General Description
❶ 365-301-103	2	DSX-1/DSX-1C Bridging Repeater Panel — Description and Operation
365-301-104	1	800PGY and 800PHY Blue Test Cords — Description and Applications
365-301-105	1	800RGY and 800RHY Blue Test Cords — Description and Applications
365-301-116	1	SRDC (Subrate Date Cross-Connect) Conversion Considerations — Digital Access and Cross-Connect System
❶ 365-301-117	2	DACS/SRDC Remote Memory Backup — Digital Transmission System — Description and Procedures
365-301-120	1	800-Series and 900-Series DSX-1/1C Systems — Planning, Engineering, and Operation
365-301-121	1	DIXI-1 System — System Reference Guide (11-94)
365-301-125	3	BANTAM PLUS™ DSX-1/1C System — Planning, Engineering, Installation, Operation, and Maintenance (2-94)
365-301-130	1	System III DSX-3/4 — Planning, Engineering, Installation, and Operation — System Reference Guide
Revision 1	12/94	
365-301-131	1	DIXI-3 System — Digital Interconnect and Cross-Connect System-3 — System Reference Guide (7-94)
365-301-135	1	Digital Systems Access Bays — Installation And Operation
Installation		
Addendum	1	
365-301-301	1	DSX-1 and DSX-1C Patch and Cross- Connect Bay — Retrofitting Procedures
365-301-302	1	800-Series DSX — Transition Procedures
365-301-310	1	Digital Access and Cross-Connect System — Retrofitting Procedures
365-301-400	1	Customer Network Control (CNC) — User's Guide
365-301-401	3	CNC Console Operator Guide
365-301-410	B	DACS II Control Terminal — User's Guide
365-301-411AI	1	DACS Controller — User's Manual
✇365-301-422	1	I-2000 Controller for DACS II Users Guide
Acceptance and Maintenance		
365-301-501	5	Digital Access and Cross-Connect System — Acceptance and Company Order Tasks
Addendum	1	
365-301-502	4	Digital Access and Cross-Connect System — Trouble Clearing Tasks

Number	Issue	Subject
365-301-510	1	DCTN User Manual
365-301-521	2	Subrate Data Cross-Connect — Acceptance and Maintenance
365-301-541	2	
Digital Access and Cross-Connect System (DACS)		
365-301-601	2	DACS II Operation and Maninte-nance Manual
365-301-603	2	DACS II Input/Output Message Reference Manual (3 Vols.)
365-301-605	1	Generic 2 (PDS) — Operation and Maintenance Manual
365-301-606	1	Generic 2 (MML) — Operation and Maintenance Manual
365-301-607	1	Generic 2 (PDS) — Quick Refer-ence Guide
365-301-608	1	Generic 2 (MML) — Quick Refer-ence Guide
365-301-609	1	Generic 2 (PDS) — Input/Output Message Reference Manual
365-301-610	1	Generic 2 (MML) — Input/Output Message Reference Manual
■ Addendum	1	
■ 365-301-615	1	Generic 3 (PDS) Core — Opera-tion and Maintenance Manual
■ Addendum AI	1	
■ 365-301-615 AI	1	DACS II — Generics 3 and 4 (PDS) — CEPT and Enhanced CEPT Features — Operation and Maintenance Manual
365-301-616	1	DACS II — Generics 3 and 4 (MML) — CEPT and Enhanced CEPT Features
■ Addendum AI	1	
■ 365-301-616 AI	2	DACS II — Generic 3 (MML) — CEPT and Enhanced CEPT Features — Operations and Maintenance Manual
■ 365-301-617	2	DACS II — Generic 3.1 (PDS) Subrate Feature — Operation and Maintenance Manual
■ 365-301-618	2	DACS II — Releases 3-5 (MML) Subrate Feature — Operation and Maintenance Manual
■ 365-301-619	2	DACS II — Releases 3-4 (PDS) — SLC® Carrier Features — Operation and Maintenance Manual
■ Addendum	1	
■ 365-301-621	1	DACS II — Generics 3 and 4 (PDS) — Gateway Feature Operation and Maintenance Manual
■ Addendum	1	
■ 365-301-622	2	DACS II — Generics 3 and 4 (MML) — Gateway Feature — Operation and Maintenance Manual
■ Addendum	2	
■ 365-301-631	3	DACS III-2000 — Operation and Maintenance Manual
■ 365-301-631AC	1	DACS III — Operation and Maintenance Manual Supple-ment
■ 365-301-632	3	DACS III-2000 — Quick Refer-ence Guide
■ 365-301-633	3	DACS III-2000 — Input/Output Message Reference Manual
■ 365-301-633AC	1	DACS III-2000 — Input/Output Message Reference Manual Supplement
■ 365-301-641	3	DACS IV-2000 — Operation and Maintenance Manual
■ 365-301-641AC	1	DACS IV-2000 Generic 2.0 — Operation and Maintenance Manual
■ 365-301-642	3	DACS IV-2000 — Quick Refer-ence Guide
■ 365-301-643	3	DACS IV-2000 — Input/Output Message Reference Manual — Generic 2.0 (2 Volumes)
■ 365-301-643AC	1	DACS IV-2000 — Input/Output Message Reference Manual
■ 365-301-650AC	2	DACS III-2000 — Administrative Requirements & Procedures
Appendix 1AC	2	Space Plug-In Requirements — On-site
Addendum	1	
■ 365-301-651	1	DACS II — Generic 3 (PDS) Input/Output Message — Refer-ence Manual (3 Vols.)
■ 365-301-651 AI	1	DACS II — Generic 3 (PDS) — CEPT and Enhanced CEPT Features — Input/Output Mes-sage Reference Manual (3 Vols.)
■ Addendum	1	
■ 365-301-652	1	DACS II — Generic 3 (MML) Input/Output — Reference Manu-al (3 Vols.)

Number	Issue	Subject
■ 365-301-652 AI	1	DACS II — Generic 3 (MML) — CEPT and Enhanced CEPT Features — Input/Output Message Reference Manual (3 Vols.)
■ 365-301-653	1	DACS II — Generic 3 (PDS) Subrate Feature — Input/Output Message Reference Manual
■ 365-301-654	1	DACS II — Generic 3 (MML) Subrate Feature — Input/Output Message Reference Manual
■ 365-301-655	1	DACS II — Generic 3 (PDS) SLC® Carrier Features — Input/Output Message Reference Manual
■ 365-301-656	1	DACS II — Generic 3 (MML) SLC Carrier Feature Input/Output Message Reference Manual
■ 365-301-657	1	DACS II — Generic 3 (PDS) Gateway Feature — Input/Output Message Reference Manual
■ 365-301-658	B	DACS II — Generic 3 (MML) Gateway Feature — Input/Output Message Reference Manual
■ 365-301-660AC	1	DACS IV — Administrative Requirements and Procedures
■ Appendix 1AC	1	DACS IV Spare Plug-in Requirements — On-site
Lightguide Interconnect		
365-302-102	3	Lightguide Interconnection — Cables, Build-Outs, and Connectors — Description and Use
DS (Digital System) Facility Cross Connect		
■ 365-303-000AC	1	DS1 — Digital Systems Intra and Interexchange Facility Performance Requirements
365-303-102	1	DSX-3 Cross-Connect — Description, Operation, and Maintenance

365-305 IACS (Integrated Access Controller System)

Number	Issue	Subject
■ 365-305-000	6	Integrated Access and Cross-Connect System — Release 3.4 — Applications and Planning Guide (12-94)
■ 365-305-001	7	Integrated Access Terminal — Release 3.4 — User's Guide (12-94)
■ 365-305-002	7	AT&T IACS Cluster Monitor, Release 3.3 and Integrated Access Controller, Release 3.4 User's Guide (12-94)
■ 365-305-005	7	Integrated Access Terminal — Release 3.4 — Command Reference (12-94)
365-305-006	1	IACS Release 3.0 Network Management Systems: IACS Cluster Monitor and Integrated Access Controller Command Reference
■ 365-305-025	1	IACS Software Release Description Generic 2
■ 365-305-027	1	IACS Software Release Description Release 2.0
■ 365-305-030	3	AT&T Integrated Access and Cross-Connect System (IACS) — Product Description (12-94)
■ 365-305-050	1	AT&T IACS Cluster Monitor Software Release Description 3.0
365-305-060	1	AT&T Integrated Access and Cross Connect System Release 3.1 — Documentation Upgrade Package

365-306 DACSCAN™ 2000 Controller C-Module — Surveillance and Control System

Number	Issue	Subject
✇365-306-110	4	DACSCAN 2000 Controller C-Module R3.4 — User Service Manual
✇365-306-111	4	DACSCAN 2000 C-Module R3.4 Operation Administration and Maintenance Manual

365-307 DACSCAN™ 2000 Controller T-Module 24-Channel

Number	Issue	Subject
✇365-307-110	2	DACSCAN 2000 Controller T-Module — User Guide
✇365-307-111	2	DACSCAN 2000 Controller T-Module — Operations, Administration, and Maintenance Guide
✇365-307-112	2	DACSCAN 2000 Controller T-Module R3.2 — Installation Guide

Number	Issue	Subject
365-320 J98710-E T1 and T1 Outstate (T1/OS) Order-Wire Facilities		
T1 Order-Wire		
365-320-100	2	Description
J98710-E Order-Wire Facilities		
365-320-300	4	Acceptance and Maintenance Tests
365-320-500	3	Operating Methods
365-325 J98725H T1, T1 Outstate (T1/OS), T1C, T1D, and T2 Order-Wire Facilities		
365-325-100	2	J98725H Order-Wire Facility — Description
365-326 J98741( ) Optical Order Channel and Alarm Telemetry (OOCAT) System		
365-326-100	1	Digital Transmission Systems — General Description
365-326-101	2	Optical Order Channel and Alarm Telemetry Facility — General Description
▲365-326-300	1	Facility Maintenance Tasks
365-330 T-Carrier Administration System		
365-330-100	4	General Description
365-330-110	4	Remote Office Equipment — Description
365-330-200	2	Remote Office Equipment — Turnup Procedures
365-330-201	3	Remote Office Equipment and Bridged Arrangements — Turnup Procedures
365-330-500	2	Remote Office Equipment — Maintenance and Trouble Location Procedures
365-331 DACS III 2000		
DACS III 2000 Release 2.0		
✇365-331-000	2	Application, Planning, and Ordering Guide
✇365-331-001	1	User/Service Manual
Addendum	2	
✇365-331-002	1	Command and Message Manual (Message Set 1.2) (9-92)
365-331-003	1	Quick Reference Guide
■ 365-331-005	1	DACS III-2000 Software Release Description Release 2.0
Addendum	2	
✇365-331-022	1	Command and Message Manual, Message Set 2, Issue 1.2
DACS III-2000 Release 3.0		
■ Addendum	1	
■ 365-331-100	2	DACS III-2000 Release 3.0— Applications, Planning, and Ordering
Addendum	2	
✇365-331-101	1	DACS III-2000 Release 3.0 — Operations and Maintenance (5-93)
Addendum	1	
✇365-331-102	1	DACS III-2000 Release 3.0 — Commands and Messages — Message Set 1 (5-93)
Addendum	1	
365-331-103	1	DACS III-2000 Release 3.0 — Quick Reference (5-93)
365-331-105	1	DACS III-2000 Release 3.0 — Software Release Description
Addendum	1	
■ 365-331-106	1	DACS III-2000 Release 3.0 — Network Planning Overview
✇365-331-122	1	DACS III-2000 Release 3.0 — Commands and Messages — Message Set 2 (5-93)
DACS III-2000 Release 4.0		
■ Addendum	1	
■ 365-331-200	1	DACS III-2000 Release 4.0 — Applications, Planning, and Ordering
■ 365-331-201	1	DACS III-2000 Release 4.0 — Operations and Maintenance (9-94)
■ 365-331-202	1	DACS III-2000 Release 4.0 — Commands and Messages Message Set 1 (9-94)
■ 365-331-203	1	DACS III-2000 Release 4.0 — Quick Reference (9-94)
■ 365-331-206	1	DACS III-2000 Release 4.0 — Network Planning Overview (3-94)

Number	Issue	Subject
■ 365-331-222	1	DACS III-2000 Release 4.0 — Commands and Messages Message Set 2 (9-94)

365-335 DACS III 2000 NSD Supplement

Release 2.0

365-335-000	1	Applications, Planning, and Ordering Guide (4-92)
365-335-001	1	User/Service Manual
365-335-002	1	Command and Message Manual, Message Set 1

Release 3.0

■ 365-335-101	1	Operation and Maintenance
■ 365-335-102	1	Commands and Message Set 1
■ 365-335-102	1	Quick Reference Guide

365-340 DACS IV 2000 (Release 2.n)

DACS IV Release 2.1d Simplex

365-340-001	1	Operation and Maintenance Manual
365-340-002	1	Release 2.1, Command and Message Manual — Volume 1 - MSGSET 1 — Volume 2 - MSGSET 2
365-340-003	1	Quick Reference Guide Release 2.1
365-340-004	1	Reference Manual
■ 365-340-005	1	DACS IV Release 2.1d Software Release Description

Redundant Controller Release 2.1

■ 365-340-101	1	DACS IV-2000 Redundant Controller Release 2.1— Operation and Maintenance
■ 365-340-102	1	DACS IV-2000 Redundant Controller Release 2.1— Commands and Messages
■ 365-340-103	1	DACS IV-2000 Redundant Controller Release 2.1 — Quick Reference Job Aids (Laminated Sets)

DACS IV Release 2.2

■✇365-340-200	1	DACS IV 2000 Release 2.2 — Reference Manual
■✇365-340-201	1	DACS IV 2000 Release 2.2 — Operations and Maintenance
■✇365-340-202	1	DACS IV 2000 Release 2.2 — Commands and Messages
■✇365-340-203	1	DACS IV 2000 Release 2.2 — Quick Reference Job Aid
■ 365-340-204	1	DACS IV 2000 Release 2.2 — Applications Planning and Ordering

Redundant Controller Release 2.2

■✇365-340-300	1	DACS IV-2000 — Redundant Controller Release 2.2 Reference Manual
■✇365-340-301	1	DACS IV-2000 — Redundant Controller Release 2.2 Operations and Maintenance
■✇365-340-302	1	DACS IV-2000 — Redundant Controller Release 2.2 Commands and Messages
■ 365-340-303	1	DACS IV-2000 — Redundant Controller Release 2.2 Quick Reference Job Aids
■✇365-340-304	1	DACS IV-2000 — Redundant Controller Release 2.2 Applications, Planning, and Ordering

DACS IV-2000 Release 3.0

■✇365-340-400	1	DACS IV-2000 Digital Access and Cross-Connect System IV-2000 Release 3.0 Reference Manual (7-93)
■✇365-340-401	1	DACS IV-2000 Digital Access and Cross-Connect System IV-2000 Release 3.0 Operations and Maintenance (7-93)
■✇365-340-402	1	DACS IV-2000 Digital Access and Cross-Connect System IV-2000 Release 3.0 Commands and Messages (7-93)
■✇365-340-403	1	DACS IV-2000 Digital Access and Cross-Connect System IV-2000 Release 3.0 Quick Reference Job Aids (7-93)
■ 365-340-404	1	DACS IV-2000 — Release 3.0 Applications, Planning, and Ordering (4-93)

DACS IV-2000 (512) Release 2.2

■✇365-340-500	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 2.2 Reference Manual (3-94)

Number	Issue	Subject
■✇365-340-501	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 2.2 Operations and Maintenance (3-94)
■✇365-340-502	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 2.2 Commands and Messages (3-94)
■ 365-340-503	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 2.2 Quick Reference Job Aids (3-94)
■ 365-340-504	1	DACS IV-2000 (512) — Applications, Planning and Ordering (1-94)

DACS IV-2000 (512) Release 3.0

■ 365-340-600	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 3.0 Reference Manual (9-94)
■ 365-340-601	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 3.0 Operations and Maintenance (9-94)
■ 365-340-602	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 3.0 Commands and Messages (9-94)
■ 365-340-603	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 3.0 Quick Reference Job Aids (9-94)
■ 365-340-604	1	DACS IV-2000 (512) — Digital Access and Cross-Connect System IV-2000 Release 3.0 Applications, Planning and Ordering (6-94)

DACS IV-2000 (256) Release 4.0

■ 365-340-700	1	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 4.0 Reference Manual (4-95)
■ 365-340-701	1	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 4.0 Operation and Manintenance (4-95)
■ 365-340-702	1	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 4.0 Commands and Messages (4-95)
■ 365-340-703	1	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 4.0 Quick Reference Job Aids (4-95)
■ 365-340-704	2	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 4.0 Applications, Planning, and Ordering (4-95)
■ 365-340-804	1	DACS IV-2000 (256) — Digital Access and Cross-Connect System IV-2000 Release 5.0 Applications, Planning, and Ordering (4-95)

365-342 DACSLINK

365-342-120	1	DACSLINK User's Guide

365-345 DACS IV-2000

DACS IV-2000 (Release 2.1)

365-345-001	1	Operations and Maintenance
365-345-002	1	Commands and Messages
365-345-003	1	Quick Reference Job Aids
365-345-004	1	Applications, Planning, and Ordering

DACS IV-2000 (512) (Release 3.1)

■ 365-345-100	1	Reference Manual (9-94)
■ 365-345-101	1	Operations and Maintenance (12-94)
■ 365-345-102	1	Commands and Messages (9-94)
■ 365-345-103	1	Quick Reference Job Aids (12-94)

365-352 DACS II Releases 1 Through 5.1

■✇365-352-001	2	Releases 4.0 Through 5.1 PDS — Including Subrate, SLC* Carrier, Ds1, DS3, and Gateway — Operation and Maintenance System (8-93)
■✇365-352-002	2	DACS II Releases 4.0 Through 5.1, PDS — Command and Message Manual (8-93)
■✇365-352-003	1	Releases 3 Through 5.1 PDS — Quick Reference Guide

Number	Issue	Subject
■✪365-352-007	1	DS1 Multipoint Junction Unit (MJU) Shelf — Description, Operation, and Maintenance (4-92)
■✪365-352-011	2	Releases 4.0 Through 5.1, MML Including Subrate, SLC* Carrier, DS1, DS3 and Gateway — Operation and Maintenance Manual (8-93)
■✪365-352-012	2	DACS II Releases 4.0 Through 5.1, MML Command and Message Manual (8-93)
■✪365-352-013	1	Releases 3 Through 5.1 — Quick Reference Guide
■ 365-352-021	2	Releases 4.0 Through 5.1, MML — Command and Message Manual CEPT and ECEPT — Releases 4.1 Through 5.1 PDS — Operation and Maintenance Manual (8-93)
■ 365-352-022	2	CEPT and ECEPT — Releases 4.l Through 5.l, PDS — Command and Message Manual (8-93)
■ 365-352-023	1	Releases 3 Through 5.1, PDS \m 2.048-Mb/s Interface — Quick Reference Guide
■ 365-352-031	1	DACS II Releases 4.0 Through 5.1, MML 2.048 Mb/s Interface Operation and Maintenance Manual (8-93)
■ 365-352-032	2	DACS II Releases 4.0 Through 5.1, MML — 2.048-Mb/s Interface — Command and Message Manual
■ 365-352-033	1	CEPT and ECEPT — Releases 4.1, 5.0, and 5.1 MML — Quick Reference Guide
■ 365-352-106	1	DCTN Feature Operation Supplement

365-353 DACS II Releases 6 and Later

365-353 DACS II Releases 6.0 and 6.1

Number	Issue	Subject
■✪365-353-000	1	DACS II Releases 1 Through 6.0 — Customer Reference Manual (3-93)
■✪365-353-001	2	DACS II Release 6.0 PDS — Operation and Maintenance Manual (2 Vol) (10-93)
■✪365-353-002	2	DACS II Release 6.0 PDS — Command and Message Manual (3 Vol) (10-93)
■✪365-353-003	2	DACS II Releases 3 Through 6.0 PDS — Quick Reference Guide (10-93)
■ 365-353-004	1	DACS II Release 6.1 PDS — Operation and Command and Message Supplement (7-94)
■ 365-353-005	1	SRD (Software Release Description) for DACS II Rel 6.0.1 for 24 Channel Applications
■ 365-353-007	1	DACS II Release 6.2 PDS E1/T1 Signaling Conversion Feature User Manual (4-95)
■✪365-353-011	2	DACS II Release 6.0 MML — Operation and Maintenance Manual (11-93)
■✪365-353-012	2	DACS II Release 6.0 MML — Command and Message Manual (11-93)
■✪365-353-013	2	DACS II Releases 3 Through 6.0 MML — Quick Reference Guide (11-93)
■ 365-353-014	1	DACS II Release 6.1 MML — Operation and Command and Message Supplement (7-94)
■ 365-353-017	1	DACS II Release 6.2 MML E1/T1 Signaling Conversion Feature User Manual (4-95)
■ 365-353-021	2	DACS II Release 6.0 PDS — 2.048 Mb/s Interface — Operation and Maintenance Guide (2 Vols) (10-93)
■ 365-353-022	2	DACS II Release 6.0 PDS — 2.048 Mb/s Interface — Command and Message Manual (2 Vols) (10-93)
■ 365-353-023	2	DACS II Releases 3 Through 6.0 PDS — 2.048- Mb/s Interface — Quick Reference Guide (10-93)
■ 365-353-031	2	DACS II Release 6.0 MML — 2.048 Mb/s Interface — Operation and Maintenance Manual (10-93)
■ Revision 1	6-93	
■ 365-353-032	2	DACS II Release 6.0 MML — 2.048 Mb/s Interface — Command and Message Manual (10-93)
■ 365-353-033	2	DACS II Releases 3 Through 6.0 MML — 2.048 Mb/s Interface — Quick Reference Guide (11-93)

Number	Issue	Subject
365-359 DACS II ISX (Integral Shelf Cross-Connect)		
Release 1.0		
■ 365-359-030	3	DACS II ISX Installation Manual
Release 1.1		
■ 365-359-040	1	DACS II ISX Release 1.1, PDS Operation and Maintenance Manual (11-94)
■ 365-359-041	1	DACS II ISX Release 1.1, PDS Command and Message Manual (11-94)
■ 365-359-042	1	DACS II ISX Release 1.1, PDS Quick Reference Guide (11-94)
■ 365-359-043	1	DACS II ISX Release 1.1, MML Operation and Maintenance (11-94)
■ 365-359-044	1	DACS II ISX Release 1.1, MML Command and Message Manual (11-94)
■ 365-359-045	1	DACS II ISX Release 1.1, MML Quick Reference Guide (11-94)
365-366 DACS VI-2000		
365-366-000	1	Applications and Planning Guide
365-366-001	1	User Service Manual
365-366-002	1	Menus and Forms Manual
365-366-003	1	Quick Reference Guide
365-366-010	2	Network Planning Letter
365-4 D2 Channel Bank and Non-AT&T Digital Carrier Systems		
365-400/415 D2 Channel Bank		
365-400-100	3	General Description
365-400-104	3	Channel Units — General Description
Addendum	1	
365-400-105	2	Alarm Control and Carrier Group Alarm — General Description
365-400-106	2	Power Systems Converter Circuit — Description
365-400-107	3	Channel Option and Pad Selection — Description
Addendum	1	
365-400-108	2	Test Panel — Description and Operation
365-400-300	2	Installation and Initial Lineup Tests
365-400-301	1	Restoration Patching
Addendum	1	
365-401-500	3	Power Systems Converter Circuit — Tests and Adjustments
365-402-500	3	Circuit Pack Installation
Addendum	2	
365-404-500	1	Terminal Lineup
365-404-501	2	Signaling Tests and Trouble Location
365-404-502	1	D2 With Switched Maintenance Access System No. 3B — Test and Trouble Location Procedures
Addendum	1	
365-410-500	1	Maintenance and Trouble-Locating Procedures
365-410-501	2	J98714G Carrier Group Alarm — Tests and Trouble Location
Addendum	1	
365-410-502	2	Fuse Panel — Fuse Insertion, Tests, and Trouble Location
365-456 Non-AT&T Digital Carrier Systems		
■ 365-456-900AC	A	P-140 Digital Carrier System — Description
■ 365-456-901AC	A	Philips P-140 Digital Carrier System — Initial Acceptance Tests
■ 365-456-904AC	A	Philips P-140 Digital Carrier System — Troubleshooting and Maintenance Testing
■ 365-456-905AC	A	Philips M335 Multiplex — Description
■ 365-456-906AC	A	Philips M335 Multiplex — Initial Acceptance Tests
■ 365-456-907AC	A	Philips M335 Multiplex — Documentation Plan
■ 365-456-909AC	A	Philips P-140 Line Protection Switching System — Description
■ 365-456-911AC	A	Philips P-140 Line Protection Switching System — Initial Acceptance Tests, Troubleshooting and Maintenance Testing
■ 365-456-912AC	A	Philips 140 Megabit System — Maintenance Plan
■ 365-456-913AC	1	Philips 140 Megabit System — Administrative Plan

Number	Issue	Subject
■ 365-456-914AC	1	CIT-ALCATEL C-140 Megabit — Description
■▲365-456-915AC	1	CIT ALCATEL C-140 — Initial Installation and Acceptance Tests
■▲365-456-916AC	1	CIT ALCATEL C-140 — Troubleshooting and Maintenance
■▲365-456-919AC	1	CIT-ALCATEL C-565 Megabit — Description
■▲365-456-920AC	1	CIT ALCATEL C-565 — Initial Installation and Acceptance Tests
■▲365-456-921AC	1	CIT ALCATEL C-565 — Troubleshooting and Maintenance
■▲365-456-922AC	1	Philips P-565 Megabit (Coaxial) — Description
■▲365-456-923AC	1	Philips P-565 (Coaxial) — Initial Installation and Acceptance Tests

365-5 High Speed/Lightwave Digital Lines/FT Series G

365-500/521 T2 Digital Line

365-500-100	4	General Description
365-500-101	3	Span Terminating Facilities — Description
365-500-102	4	Intermediate Powering Station — Repeater and Power Supply Bays — Description
Addendum	1	
365-500-103	4	T2 Regenerator — Description
365-500-104	2	Power Units — Description
365-500-107	2	2-Wire Order Wire — Description
365-500-200	4	Procedure for Equipping Span Terminating Bays, Intermediate Power Station Bays, and T2A Span Terminating Shelves and Power Shelves
365-500-201	5	Preparation of Plug-In Units for Span Terminating or Intermediate Repeater Bays
365-500-300	1	Protection Switching Circuit — Manual Operations
365-500-301	1	Protection Line Patching (Line Restoration)
365-500-307	2	2-Wire Order Wire — Maintenance and Operating Procedures
365-500-500	3	Tests and Operations
Addendum	1	
365-500-501	3	T2 Line — Line Powering and Initial Installation Tests
365-500-502	2	Placing the Line in Service
365-500-503	1	Trouble-Locating Procedures
Addendum	1	
365-500-504	4	Fault Locating Procedures
365-500-505	1	Protection Switching Circuit — Operational Tests
365-520-501	4	Pair Measurements at Maintenance Offices and Intermediate Powering Sites
365-521-501	4	T2 Line Regenerator — Testing With the J98717M Test Set

365-550 T4M Digital Line

365-550-103	2	Regenerator — Description
365-550-104	1	J87412A Line Feed Converter — Description
365-550-105	1	Manhole Maintenance Circuits — Description
365-550-106	1	Fault Locating System — Description
365-550-107	1	100A Card Storage Unit — Description and Use

365-560 FT3/FT3C/FTX-180 Lightwave Digital Line

365-560-100	2	FT3 — General Description
365-560-101	5	FTX-180 Line Repeater Station — General Description
365-560-102	3	8-Type Regenerator — FT3 — Description
365-560-103	2	Fault-Locating Subsystem — FT3 — General Description
365-560-105	2	J98734R Line Repeater Bay — General Description
Addendum	1	
365-560-110	3	FT3C — General Description
365-560-112	3	11-Type Regenerator — FT3C — Description
365-560-113	2	Fault-Locating Subsystem — FT3C — General Description
365-560-114	2	Wavelength Division Multiplexing Filter Assembly — FT3C — Description
365-560-115	4	J98734S Line Repeater Bay — FT3/FT3C/FTX-180 — General Description

Number	Issue	Subject
Addendum	1	
365-560-120	1	FTX-180 — General Description
365-560-121	1	Fault-Locating Subsystem — FTX-180 — General Description

365-565 FT Series G Lightwave Systems

Revision 7D	12/94	
Addendum	7C	
365-565-100	7	Description, Application, and Engineering Manual (7-92)
Revision 3D	12/94	
Revision	3C	
Revision	3B	
365-565-101	3A	Dual Assemblies — Description, Application, and Engineering Manual
365-565-200	2	Ring Diversity Switch (RDS) — Engineering, Operation and Maintenance Manual (5-92)
365-565-300	2	Craft Display Manager FT Series G GENAP 2 and DDM-1000 (365-565-301, -302 provided automatically)
✇365-565-301	1	Craft Display Manager — Version 3.1 (5 1/4 inch disk)
✇365-565-302	1	Craft Display Manager — Version 3.1 (3 1/2 inch disk)
365-565-500	2	Digital Transmission Systems — FT-Lightwave Booster Amplifier — Description, Engineering, and Maintenance (4-94)

365-571 T4M Span Terminating Frame

▲365-571-000	2	T4M Digital Line — Routine, Company Order, and Trouble Indicator Tasks
▲365-571-001	2	High Speed Digital Lines — Acceptance Tasks

365-575 FT-2000 Lightwave System

FT-2000 OC-48 Lightwave System

✇Revision 1	2/95	
✇365-575-100	6	FT-2000 OC-48 Lightwave System — Applications, Planning and Ordering Guide (12-94)
✇365-575-101	5	FT-2000 OC-48 Lightwave System — Quick Reference Guide
✇365-575-102	6	FT-2000 OC-48 Lightwave System — User/Service Manual (6-95) NOTE: This includes 365-575-101, -120, -121, -122, -123, and -124
✇365-575-104	2	FT-2000 OC-48 Lightwave System — Installation Manual
■ 365-575-105	1	FT-2000 OC-48 Lightwave System — Software Release Description Release 1
✇365-575-115	4	FT-2000 OC-48 Lightwave System Release 3.0.1 and Release 4.0.0, and 4.4.0 Add/Drop Rings Installation Manual (5-94)
✇365-575-120	3	FT-2000 OC-48 Lightwave System — End Terminal Provisioning Job Aid
✇365-575-121	3	FT-2000 OC-48 Lightwave System — Repeater Terminal Provisioning Job Aid
✇365-575-122	3	FT-2000 OC-48 Lightwave System — Rings Terminal Provisioning Job Aid
✇365-575-123	2	FT-2000 OC-48 Lightwave System — Rings R4 Provisioning Job Aid
✇365-575-124	2	FT-2000 OC-48 Lightwave System — Cross Connect Job Aid

FT-2000 OC-48 Lgntwave System Large Capacity Terminal

■ 365-575-200	1	Applications, Planning, and Ordering Guide (6-95)

Optical Line System (OLS)

■ 365-575-300	1	Applications, Planning, and Ordering Guide (6-95)

365-6 Digital Multiplexes, DS3 and DS4 Systems, FT3/FT3C/FTX-180 Facilities, and FT Series G

365-600 M1-2 Digital Multiplex

Addendum	1	
365-600-100	1	Type M1-2, M1-2A, and M1-2B — General Description
365-600-101	1	Type M1-2, M1-2A, and M1-2B — Muldem Description

Number	Issue	Subject
Addendum	1	
365-600-102	1	Alarms and Monitor Circuit — Description
Addendum	1	
365-600-103	1	Protection Switching Circuit — Description
365-600-310	3	Digital Multiplex-Demultiplex Circuit — Circuit Pack and Power Unit — Installation and Initial Tests
365-600-311	1	Type M1-2A and M1-2B — Circuit Pack and Power Unit — Installation and Initial Tests
365-600-500	1	Type M1-2, M1-2A, and M1-2B — Power Unit Test
365-600-501	2	Type M1-2, M1-2A, M1-2B — Placing Muldem in Service
365-600-502	1	Tests
365-600-503	2	Digital Multiplex-Demultiplex Circuit, Type M1-2 — Trouble Location
365-600-506	1	Type M1-2A and M1-2B — Trouble Location
365-600-507	1	Type M-2A and M1-2B — Standby Muldem Patching (Service Restoration)

365-601 M13 Digital Multiplex

365-601-100	3	General Description
365-601-101	3	Muldem Description
365-601-102	3	Monitoring, Protection Switching, and Alarm Circuits — Description

365-602 MX3/MX3C Digital Multiplex, FT3/FT3C/FTX-180 Terminals, and MC-90/180 Maintenance Communication Facility

365-602-100	3	Lightwave — General Description
365-602-101	3	J98734M MX3 Multiplex Assembly (MA) — Description
365-602-102	3	J98734L MX3 Lightwave Terminating Multiplex Assembly (LTMA) — FT3 Lightwave Digital Transmission System — Description
365-602-103	1	J5X014AF MX3 Radio Terminating Multiplex (RTM) — Description
365-602-104	4	MX3 Lightwave Terminating Frame (LTF) — FT3 Lightwave Digital Transmission System — Description
365-602-105	4	MX3 Lightwave Terminating Frame (LTF) — Monitoring, Protection Switching, and Alarm Circuits — FT3 Lightwave Digital Transmission System — Description
365-602-106	3	MX3/MX3C/FT3C/FTX-180 Quick Reference Guides — FT3/FT3C/FTX-180 Lightwave Digital Transmission Systems — Description and Use
365-602-107	3	MC-90/180 Maintenance Communication Facility for 90 or 180 MB/S Lightwave Systems — FT3C/FTX-180 Lightwave Digital Transmission System — Description
365-602-108	3	J98734N FT3 Lightwave Span Terminating Assembly (LSTA) — FT3 Lightwave Digital Transmission System — Description
Addendum	1	
365-602-109	2	FT3C-SX — Lightwave Span Terminating Frame — FT3C/FTX-180 Lightwave Digital Transmission Systems — Description
365-602-110	3	MX3C Lightwave Terminating Frame (LTF) — FT3C/FTX-180 Lightwave Digital Transmission System — Description
365-602-111	3	MX3C Lightwave Terminating Frame (LTF) — Monitoring, Protection Switching, and Alarm Circuits — FT3C/FTX-180 Lightwave Digital Transmission System — Description
365-602-113	3	MX3 Multiplex Frame (MF) — Description
365-602-114	3	MX3 Multiplex Frame (MF) — Monitoring, Protection Switching, and Alarm Circuits — Description

365-603 M34 Digital Multiplex

365-603-101	2	Muldem Description
365-603-103	2	General Description

Number	Issue	Subject
365-603-104	2	Monitoring, Protection Switching, and Alarm Circuits — Description

365-604 M1C Digital Multiplex

365-604-100	4	Bay — General Description
365-604-101	3	Single Shelf — General Description

365-605 M1C-A Digital Multiplex

365-605-100	2	General Description

365-671 DS3 and DS4 Systems

▲365-671-501	3	T3 and T4 Facilities — Trouble Sectionalization Tasks
▲365-671-511	2	M34 Digital Multiplex — Routine, Company Order, and Trouble Indicator Tasks
▲365-671-512	2	M34 Digital Multiplex — Acceptance Tasks
▲365-671-521	3	M13 Digital Multiplex (Option Y) — Maintenance Tasks
▲365-671-531	3	J98734M MX3 Multiplex Assembly (MA) — Acceptance Tasks
▲365-671-532	2	J98734M MX3 Multiplex Assembly (MA) — Maintenance Tasks
▲365-671-533	2	J5X014AF MX3 Radio Terminating Multiplex (RTM) — Acceptance Tasks
▲365-671-534	2	J5X014AF MX3 Radio Terminating Multiplex (RTM) — Maintenance Tasks
▲Addendum	1	
▲365-671-535	2	MX3 Multiplex Frame (MF) — Acceptance Tasks
▲Addendum	1	
▲365-671-536	2	MX3 Multiplex Frame (MF) — Maintenance Tasks

365-672 M1C Digital Multiplex

▲365-672-000	3	M1C — Maintenance Tasks
▲Addendum	1	
▲365-673-000	1	M1C-A — Maintenance Tasks

365-674 Lightwave Data Set

❶ 365-674-574	4	FT 1 Series — DS1 Electrical to Optical Converter — Service Manual (5-93)

Number	Issue	Subject

365-675 Lightguide MX3/MX3C/FTX-180 Digital Multiplex and FT3/FT3C/FTX-180 Line Repeater Station

▲365-675-561	4	J98734L MX3 Lightwave Terminating Multiplex Assembly (LTMA) — Acceptance Tasks
▲365-675-562	4	J98734L MX3 Lightwave Terminating Multiplex Assembly (LTMA) — Maintenance Tasks
▲365-675-566	3	MX3 Lightwave Terminating Frame (LTF) — Acceptance Tasks
▲365-675-567	3	MX3 Lightwave Terminating Frame (LTF) — Maintenance Tasks
Addendum	1	
▲365-675-568	4	MX3C/FTX-180 Lightwave Terminating Frame (LTF) — Acceptance Tasks
Addendum	1	
▲365-675-569	4	MX3C/FTX-180 Lightwave Terminating Frame (LTF) — FT3C/FTX-180 Lightwave Digital Transmission System — Maintenance Tasks
▲365-675-570	2	J98734N — FT3 Lightwave Span Terminating Assembly (LSTA) — FT3 Lightwave Digital Transmission System — Maintenance Tasks
▲365-675-571	5	Line Repeater Station — FT3/FT3C/FTX- 180 Lightwave Digital Transmission Systems — Maintenance Tasks
▲365-675-574	3	FT3C/FTX-180 Lightwave Span Terminating Frame — Acceptance Tasks
▲365-675-575	3	FT3C/FTX-180 Lightwave Span Terminating Frame — Maintenance Tasks
▲365-675-580	1	MC-90/180 Maintenance Communications Facility — Maintenance Tasks

Number	Issue	Subject

365-680 DCO-PNI (Digital Central Office-Packet Network Interface) and FT Series G Terminal and Line Repeater Station

DCO-PNI (Digital Central Office-Packet Network Interface)

■ 365-680-301AC	2	Description
■ 365-680-302AC	2	Installation and Acceptance
■ 365-680-303AC	2	Operation and Maintenance

FT Series G Terminal and Line Repeater Station

Revision 8D	12/94	
Revision 8C	5/93	
Revision 8B	7/92	
Addendum	8A	
▲365-680-500	8	FT Series G Lightwave Systems — Terminating Assemblies — Operation and Maintenance Manual (7-92)
Revision 3E	4/93	
Revision 3D	7/92	
Revision 3C	11/91	
Revision 3B	5/91	
▲365-680-501	3	FT Series G Lightwave Systems — Dual Assemblies — Operation and Maintenance Manual

365-690 International Applications

FTM (Fiber Transmission Mode) Manuals

■ 365-690-001	1	FTM-600M LTMUX-E Design Documentation (Japan)
■ 365-690-002	1	FTM-600M REP-E Design Documentation (Japan)
■ 365-690-003	1	FTM-150M LTMUX-E Design Documentation (Japan)
■ 365-690-004	1	FTM-150M REP-E Design Documentation (Japan)
■ 365-690-005	1	FTM-600M LTMUX-E Design Documentation Version 2 (Japan)
■ 365-690-006	1	FTM-600M-2 REP-E Design Documentation Version 2 (Japan)
■ 365-690-100	5	FTM-600M LTMUX-E Operation Manual — Japanese Version — NTT (Nippon Telegraph and Telephone)
■ 365-690-200NT	4	FTM-600M LTMUX-E AA Repeater Operation Manual — Japanese Version — NTT (Nippon Telegraph and Telephone)
■ Revision 2	5/94	
■ Revision 1	3/94	
■ 365-690-300	1	FTM-600M LTMUX-E Operation Manual NCC (New Common Carriers) (Japanese)
■ Revision 2	3/94	
■ Revision 1	3/94	
■ 365-690-310	1	FTM-600 LTMUX-E with DCC (Data Communications Channel) Operation Manual NCC (New Common Carriers) (Japanese)
■ 365-690-400	1	FTM-600M Repeater-E Operation Manual (New Common Carriers) (Japanese)
■ 365-690-410	1	FTM-600M Repeater-E with DCC Operation Manual NCC (Japanese)
■ 365-690-500	1	FTM-600M-2 LTMUX-E Operation Manual (Japanese)
■ 365-690-510	1	FTM-600M-2 LTMUX-E Construction Manual (Japanese)
■ 365-690-550	1	FTM-600M-2 Repeater-E Operation Manual (Japanese)
■ 365-690-560	1	FTM-600M-2 Repeater-E Construction Manual (Japanese)

365-7 DTV (Digital TV)

365-700 Codec Interim Design

Description

❶365-700-100	1	Description
❶365-700-101	1	Hewlett-Packard 6264B Power Supply
❶365-700-102	1	Hewlett-Packard 6259B Power Supply
❶365-700-501	1	Initial Lineup and Maintenance
❶365-700-502	1	Trouble Location Procedures

365-8 T1 Carrier Systems

▲365-800-001	4	D1, D2, and D3 Channel Banks — Maintenance Tasks
Addendum	2	
▲365-800-002	5	T1 Digital Line — Acceptance and Maintenance Tasks
▲365-800-003	5	D1, D2, and D3 Channel Banks/T1 Line — Trouble Clearing Tasks

Number	Issue	Subject

365-9 Digital Subscriber Lines

365-900 Asymetrical Digital Subscriber Line (ADSL)

365-900-100	1	Asymetrical Digital Subscriber Line (ADSL) System — User's Guide

365-W WIPs Workcenter Information Packages

✇365-WIP-001	1	System III DSX 3/4 Upgrade (Full Action Video)

Division 371

Broadband Restoration

371-0 Index and Equipment Test List
-000 Index
-001 Equipment Test List

371-1 Overall System

371-2 Restoration Control System
-200 Description
-201 Operation
-202 Lineup
-203 Trouble Location

371-3 Microwave Radio IF Switching
-310 J68388 TD-TH/TH-TD IF Shifter
-320 2A IF Restoration Switch
-501 Continuity Checking Equipment

Number	Issue	Subject
371-0 Index and Equipment Test List		
371-000 Index		
371-000-000	31	Numerical Index — Division 371 — Broadband Restoration (2-95)
371-001 Equipment Test List		
371-001-011	3	Microwave Radio
371-1 Overall System		
371-100-100	1	Patching Equipment — J68876 (A Through F) Restoration Patch Bays — Description
■ 371-100-300	4	Network Restoration Procedures
■ 371-100-300AC	1	Restoration Procedures
371-100-500	1	Patching Equipment — J68876F Restoration Patch Bay — Tests

Number	Issue	Subject
371-2 Restoration Control System		
371-200 Description		
371-200-101	1	Console
371-200-104	1	Logic Circuits
371-200-105	1	Status Memory Circuit
371-200-108	1	Command Control Circuits
371-201 Operation		
371-201-100	1	Voice Order — Wire Loops
371-201-301	1	Console
371-202 Lineup		
371-202-501	2	RFMC Order Wire Circuit
371-202-502	2	FO Order Wire Circuits
371-203 Trouble Location		
371-203-502	1	RCO Order Wire Circuits
371-203-503	1	RO Order Wire Circuits
371-3 Microwave Radio IF Switching		
371-310 J68388 TD-TH/TH-TD IF Shifter		
371-310-100	1	Description
Tests		
371-310-330	1	Periodic Test Intervals
371-310-500	1	General
371-310-501	1	J68388A or J68388B IF Shifter
371-310-502	1	J68388C and F UP Converters
371-310-503	1	J68388D and G Down Converters
371-310-504	1	J87252A -20 Volt Regulator, Fuse and Alarm Circuits
371-310-505	1	J68381BK IF Amplifier Circuit
371-320 2A IF Restoration Switch		
371-320-100	1	General
371-320-101	1	8 X 8 Switch and Control Circuits
371-320-102	1	16 X 16 Switch Network and Control Circuit
371-320-103	1	1 X N Switch Network and Control Circuit

Number	Issue	Subject
371-320-104	1	Input, Output Lines
371-320-105	1	Transmitting Trunks, Receiving Trunks, Trunk Bussing, and Detector Trunk Bussing
371-320-106	1	Pilot Detection
371-320-107	1	IF Shifter
371-320-108	1	J68389AB Variable Gain If Amplifier
371-320-500	1	2A I.F. Restoration Switch — General Test Information

371-5 Auxiliary Equipment

371-501/502 Continuity Checking Equipment

J68876AA and AB Pilot Supply and Detector

371-501-100	2	Description
371-501-501	4	Tests

J68876AD 92/468 kHz Supply

371-502-100	1	Description
371-502-501	1	Tests

Division 400

Radio Administration

400-0 Indexes

400-1 General Information

400-2 Mobile and Maritime Radio
- **-200 Mobile Radio**

400-3 Personal Radio Services and Emergency Radio
- **-300 Personal Radio Services**

400-4 Microwave Radio

400-5 FCC Regulatory Information
- **-500 General**
- **-520 Domestic Public Radio Services (Common Carrier)**
- **-550 Preparation of Miscellaneous Forms**
- **-560 Extension of Lines — Section 214 Procedures**

Number	Issue	Subject
400-0 Indexes		
400-000-000	67	Numerical Index — Division 400 — Radio Administration (2-95)
400-020-014	6	Cross Reference List — R Series to Plant Series
400-1 General Information		
400-100-001	3	Radio Log Abbreviations
400-100-002	2	Mobile Radio — General Information Plant Department Contact — Bell Companies
■✇400-100-003	3	Antenna Structure — Marking and Lighting (Compliance) (1-95) Note: Only available on facilities IDS (electronic)
400-2 Mobile and Maritime Radio		
400-200 Mobile Radio		
400-200-001	4	Transmitter Measurements and Maintenance Record — Forms E-3743, E-3744 and E-4973
400-200-003	2	Trouble Memorandum — Form E-3606
400-200-004	1	Shop Repair Ticket — Form E-3602
400-200-005	3	Repair Reports — Another Point of Registry — Form E-3587
400-200-008	2	Handling Customer Trouble Reports and Intercompany Billing
400-200-009	1	Equipment Trouble Record — Form E-3896
400-200-010	1	Log Record — Form E-3601
400-200-020	2	Mobile Radio — Domestic Public Land Mobile Operations (Compliance)
400-3 Personal Radio Services and Emergency Radio		
400-300 Personal Radio Services		
400-300-001	2	35 Mc BELLBOY — Records and Reports
400-320-002	2	Other Radio Services — Maritime Radio Operations (Compliance)
400-330-002	3	Mobile Radio — Telephone Maintenance Radio Service — Business Radio Service
■ 400-340-010AC	1	Emergency Disaster Communications System (EDCOMS) Administration
400-4 Microwave Radio		
400-400-001	3	Rotating Stock Plan for Short Haul Microwave Radio Plug-In Units
400-400-003	3	Performance Record — Form E-4101
400-400-004	1	Radio Channel Release Procedures
400-400-005	1	Repeater Designations

Number	Issue	Subject
400-400-006	1	Overall System Administration
Appendix 1	1	Overall System Administration — Terms and Concepts
400-400-010	1	Mechanized Evaluation of Radio Transmission Tests (MERTT) — Channel Measurement Plan — Description
■ 400-401-000AC	1	Point-to-Point Service FCC Compliance Requirements
400-401-001	1	Technical Log Requirements — TD-2, TD-3, and TH-3
400-401-002	1	Technical Log Requirements — TH-1
400-401-003	1	Technical Log Requirements — Guidelines — AR6A Radio Systems
■ 400-401-003AC	1	Technical Log Requirements — Guidelines — AR6A Radio Systems

400-5 FCC Regulatory Information

400-500 General

400-500-100	2	General Information

400-520/531 Domestic Public Radio Services (Common Carrier)

Establishing a Point-to-Point Microwave Station

Addendum	1	
400-520-100	4	Radio Administration — the Point-to- Point Microwave Radio Service and Mobile Television Pickup Stations of the Local Television Transmission Service — General Considerations
Addendum	1	
400-520-101	6	Preparation of FCC Form 435
400-520-102	2	Special Showings
Addendum	1	
400-520-103	3	Preparation of FCC Form 436

Establishing a Mobile Radio Station

400-521-100	3	General Considerations
400-521-101	4	Preparation of FCC Form 401
400-521-103	2	Licensing a Mobile (DPLM) Radio Station — Preparation of FCC Form 403

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Establishing a Rural Radio Station

400-522-100	2	General Considerations
400-522-101	3	Preparation of FCC Form 401
400-522-103	2	Licensing a Rural Radio Station — Preparation of FCC Form 403

Establishing a Telephone Maintenance Radio Station

400-531-101	3	Preparation of FCC Form 400

400-550 Preparation of Miscellaneous Forms

400-550-101	3	FAA Form 7460-1 — Notice of Proposed Construction or Alteration of Antenna Structures and FAA Form 7460-2 — Notice of Progress of Construction or Alteration
400-550-102	1	FCC Form 714 — Supplement to Application for New or Modified Radio Station Authorization
400-550-105	2	NOAA Form 76-10 — Report of Radio Transmitting Antenna — Construction, Alteration, and/or Removal

400-560 Extension of Lines — Section 214 Procedures

400-560-100	2	General Considerations for Supplementing of Facilities Under Section 214(a) of the Communications Act of 1934, as Amended
400-560-101	2	Preparation of Informal 214 Applications (Form E-3355)
400-560-102	1	Preparation of Formal 214 Application
400-560-103	2	Small Projects for Supplementing Existing Facilities — Provision of Temporary or Emergency Service — Preparation of Continuing Authority Reports

Division 401

Cellular Telecommunications Systems

401-0 Indexes and Collective Documentation
- **-010 Collective Documentation**

401-2 Pre-Operation Support
- **-200 Cell Site**

401-3 Digital Cellular Switch (DCS)
- **-300 System 10/1000 DCS**
- **-380 AT&T Intelliverse Group Speciale' Mobile' (GSM) System (French)**
- **-381 GSM/Wideband Universal Fibre Microcell**

401-4 Wireless Data Networking
- **-401 MDBS/CDPD**

401-6 Administration, Operation, and Maintenance Support
- **-600 AUTOPLEX System 10/1000 Administration**
- **-601 AUTOPLEX System 10/1000 Feature Descriptions**
- **-610 AUTOPLEX System 100/1000 Administration**
- **-611 AUTOPLEX System 1000 Description (Without CDNs)**
- **-612 AUTOPLEX System 1000 (With CDNs)**
- **-614 AUTOPLEX System Access**
- **-660 AUTOPLEX System 1000 Series II**
- **-661 AUTOPLEX System 1000 Release 4.1**
- **-662 AUTOPLEX System 1000 O&MP**

401-7 Customer Documentation and Wireless Products
- **-701 Wireless Subscriber System (WSS)**

401-9 Optional Binders with Tabs

Number	Issue	Subject
401-0 Indexes		
401-000-000	19	Numerical Index -- Division 401 -- Cellular Telecommunications Systems (5-94)
■ 401-000-005	1	AUTOPLEX® Interdivisional Numerical Index

Number	Issue	Subject
401-010 Collective Documentation		
■✇401-010-001	1	Network Wireless System Documentation — CD-ROM (5-95)
■✇401-010-002	1	Network Wireless System Documentation With 5ESS Documentation — CD-ROM (5-95)
■✇401-010-003	1	Network Wireless System Documentation — CD-ROM (Multiuser) (5-95)
■✇401-010-004	1	Network Wireless System Documentation With 5ESS Documentation — CD-ROM (Multiuser) (5-95)
401-2 System 10/1000 Pre-Operation Support		
401-200 Cell Site		
■ 401-200-100	2	Model 1 Hardware Description
■ 401-200-101	4	Diagnostic Description
■ Addendum	1	
■ 401-200-102	1	Model 2 Hardware Description
■ 401-200-103	1	AUTOPLEX Model 2 Cell Site Register Definitions
■ 401-200-111	1	
■ 401-200-300	2	Antenna Planning Guide
■ 401-200-502	2	Mini-Responder Operations and Maintenance
401-3 Digital Cellular Switch (DCS)		
401-300 System 10/1000 DCS		
■ 401-300-100	7	Description
■ 401-300-108	4	Maintenance Service Manual
■ 401-300-109	3	System 1000 — Series II — Digital Cellular Switch — Maintenance Manual (Release 6.0 and Later)
■ 401-300-117	4	Feature Translation Service Manual
■ 401-300-118	3	System 1000 Digital Cellular Switch — Feature Translations Service Manual (Release 6.0 and Later)
■ 401-300-600	3	Applications Engineering
■ 401-300-610	3	AUTOPLEX Digital Cellular Switch — Applications Engineering Manual — (Release 6 and Later))

Number	Issue	Subject

401-380 AT&T Intelliverse Group Speciale' Mobile' (GSM) System (French)

Network Level

■ 401-380-004	2.0	AUTOPLEX GSM Documentation Roadmap
■ 401-380-005	1.1	Intelliverse GSM Documentation Guide
■ 401-380-010	1.1	GSM Generic C System Recovery Guide
■ 401-380-015	1.1	GSM Generic B System Description
■ 401-380-020	1.1	GSM Generic B Engineering Guidelines

Operations and Maintenance Center (OMC)

■ 401-380-105	1.1	GSM Generic D OMC Operations, Administration, & Maintenance Guide
■ 401-380-110	1.1	GSM Generic C OMC Commands and Reports Manual
■ 401-380-115	1.1	OMC Recent Change and Verify (RC/V) Data Base Update Guide
■ 401-380-120	1.1	OMC Service Measurements/Analysis Guide

Base Station System (BSS)

■ 401-380-201	2	GSM BSS Technical Description (10-94)
■ 401-380-202	2	GSM Functional Unit Descriptions (10-94)
■ 401-380-203	2	GSM Subsystem Descriptions (10-94)
■ 401-380-205	1.1	BSS Diagnostics/Maintenance Guide
■ 401-380-215	1.1	AT&T Intelliverse GSM System LOIS/LOISED User's Guide

401-381 GSM/Wideband Universal Fibre Microcell

■ 401-381-101	1	GSM/Wideband Universal Fibre Microcell — System Overview (5-95)

Number	Issue	Subject

401-4 Wireless Data Networking

401-401 Mobile Data Base Station/Cellular Digital Packet Data (MDBS/CDPD)

■ 401-401-100	1	MDBS Installation Manual
■ 401-401-101	1	MDBS Users Guide
■ 401-401-102	2	AUTOPLEX System 1000 CDPD Subscriber Information Update User Guide (4-95)
■ 401-401-110	2	AUTOPLEX System 1000 CDPD MD-IS Operations Manual
■ 401-401-111	2	AUTOPLEX System 1000 CDPD Administration Server Operations Manual
■ 401-401-112	2	AUTOPLEX System 1000 CDPD Network Management System Users Guide

401-6 Administration, Operation, and Maintenance Support

401-600 AUTOPLEX System 10/1000 Administration

■ 401-600-039	2	System 10 Service Additions and Rearrangements
■ 401-600-046	1	System 10/1000 Data Base Password Security, Feature Description — Releases 2 and 3
■ 401-601-080	1	AUTOPLEX IMAAP User's Manual
■ 401-600-082	1	System 10/1000 Cellular Networking Phase 2 Implementation, Operation, and Maintenance Procedures
■ 401-600-112	3	System 10/1000 Acceptance Guidelines and Procedures

401-601 System 10/1000 Feature Descriptions

■ 401-601-001	1	AUTOPLEX Call Forwarding Backoff to MRS Feature Document
■ 401-601-002	1	AUTOPLEX Answer Supervision to Cellular Phone Feature Document
401-601-003	1	AUTOPLEX Selectable Cell Site Messaging (10-93)
■ 401-601-004	1	AUTOPLEX Teletype Writer Number Display

Number	Issue	Subject
■ 401-601-005	2	AUTOPLEX Personal ID Number (PIN) Capability Optional Feature
■ 401-601-006	1	AUTOPLEX Malicious Call Trace
■ 401-601-007	1	AUTOPLEX AMA Containing ANI Feature
401-601-008	1	Analog/Digital Usage Billing
401-601-009	1	Autonomous Registration Option Feature and Engineering Guide
■ 401-601-010	1	AUTOPLEX System 1000 Information Services Gateway
■ 401-601-011	4	Call Forwarding
■ 401-601-012	3	Call Waiting
■ 401-601-013	3	Three-Way Calling Feature
■ 401-601-014	2	Local Directory Number Assignment
401-601-015	1	AUTOPLEX Selectable Billing Record (10-93)
■ 401-601-018	1	AUTOPLEX System 1000 Subscriber Control of Special Routing Feature Document
■ 401-601-019	2	AUTOPLEX Feature Document
■ 401-601-020	4	AUTOPLEX Special Routing Feature (11-94)
■ 401-601-021	3	Message Recording Service
■ 401-601-022	4	Project Accounting
■ 401-601-023	3	Credit Card Billing
■ 401-601-024	4	Roamers, (With or Without CDNs)
■ 401-601-025	1	Upward Handoff
■ 401-601-026	1	Multiple Supervisory Audio Tone
■ 401-601-027	1	Automatic Radio Recognition
■ 401-601-028	3	End Office Appearance Features
■ 401-601-029	4	AMA Dump for Selected Subscribers System 10, Release 3.1
■ 401-601-030	5	Limited Service Area System 1000
■ 401-601-031	2	Routing Service for Emergency Calls Feature Description (Goes in binder 401-900-004)
■ 401-601-032	2	Allowable Called Number Table System (Goes in binder 401-900-004)
■ 401-601-033	2	Multiple Roamer Class of Service Feature
■ 401-601-034	2	Project Accounting Service Authorization Feature
■ 401-601-035	4	Positive Verification
■ 401-601-036	1	Analog Option On Digital Terminations
■ 401-601-038	1	Feature Document
■ 401-601-042	1	Autoplex CDPD Optional Feature
■ 401-601-043	1	Autoplex Transfer to Number After Redirection (TTNREDIR) (2-95)
■ 401-601-044	1	Autoplex System 1000 Limited Call Transfer Option Feature
■ 401-601-045	1	Autoplex System 1000 Pound (#) Send Option Feature
■ 401-601-080	4	Routing (With or Without CDNs) Feature Description

401-610 AUTOPLEX System 100/1000 Administration

■ 401-610-000	3	AUTOPLEX Customer Documentation Catalog
■ 401-610-006	1	AUTOPLEX Cellular Telecommunications Systems — System Description, Requirements, and Planning Guide NOTE: This document replaces 401-610-005 and 401-612-000
■ 401-610-009	5	AUTOPLEX Cellular Telecommunications Systems — System 1000 With Call Processing/Data Base Nodes (CDNs) — Mobile Switching Center — Monitoring and Engineering Guidelines
■ 401-610-014	3.1	System 100 — Growth Procedures (With Call Processing/Data Base Nodes)
■ 401-610-034	1	System 1000 Program Update — Release 1
■ 401-610-036	9	System 1000(With CDNs) Data Base Update (2 Volumes)
■ 401-610-037	7	AUTOPLEX Cellular Telecommunications Systems — System 1000 (With or Without call Processing/Data Base Nodes) — Data Base Guide
■ 401-610-038	3	AUTOPLEX Cellular Telecommunications Systems — System 1000 (With or Without call Processing/Data Base Nodes) Text Recent Change and Verify Reference Manual

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■ 401-610-048	2	AUTOPLEXPg Cellular Telecommunications Systems — System 1000 — UNIX* System User Manual
■ 401-610-051	3	System 1000 (Small) Daily Operations (Without CDNs) — Release 1 Generic Program
■ 401-610-055	6.1	AUTOPLEX (2 Vols) Input Message Manual
■ 401-610-057	6.1	AUTOPLEX Cellular Telecommunications Systems — System 1000 — Output Messages (6 Volumes)— Volume 1 ACTV-DGN DCS — Volume 2 DGN DFC-ORD — Volume 3 PRM-REPT CELL RCV — Volume 4 REPT CELL RTU-REPT MON — Volume 5 REPT MOP-WHEN — Volume 6 Supplementary Information
■ 401-610-059	6	System 1000 Input/Output Message Reference Guide
■ 401-610-075	8	System 1000 Routine and Corrective Maintenance (Without CDNs) — Release 1 Generic (10-94)
■ 401-610-077	3.2	AUTOPLEX ECP CDN Audits Outgoing Manual
■ 401-610-078	2.2	AUTOPLEX Cellular Telecommunications System — Cell Site Audits
■ 401-610-079	6	System 1000 Recovery (Without CDNs) — Release 1
■ 401-610-107	4.1	System 10/1000 Cell Site Input/Output Manual
■ 401-610-120	4	AUTOPLEX - Recommended Spare Parts, Tools, and Test Equipment
■ 401-610-132	2	Charge Recording Methods
■ 401-610-133	5	AMA Formats With Cellular Networking Phase II Description
■ 401-610-135	6	AUTOPLEX Cellular Telecommunications System — System 1000 Service Measurements — (With CDNs Call Processing/Database Nodes)
■ 401-610-151	9	Daily Operations (With CDNs)

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject
401-611 AUTOPLEX System 1000 Description (Without CDNs)		
■ 401-611-000	2	System 1000 Description (Without CDNs) — Release 1
AUTOPLEX System 1000 (With CDNs)		
Features		
■ 401-612-001	1	AUTOPLEX TDMA Call Track Feature Document
■ 401-612-002	1	AUTOPLEX Subscriber Pre-Feature Document
■ 401-612-003	2	AUTOPLEX Auto Roamer Greet Feature Document
■ 401-612-006	1	Calling Number Identification Presentation and Restriction (CNIP/R) (1-95)
■ 401-612-007	1	ISDN Subscriber User Part (ISUP)
■ 401-612-008	1	AUTOPLEX SVC Measurements Reports Generation Feature Document
■ 401-612-009	1	AUTOPLEX Pre-Page Announcement System 1000 Subscriber Option Feature
■ 401-612-010	1	AUTOPLEX Short Message Service
■ 401-612-011	1	AUTOPLEX Default ADWA Record for Home Subscribers Feature Document
■ 401-612-012	1	AUTOPLEX Expanded Spectrum Radio Assignment Modification Feature Document
■ 401-612-013	1	AUTOPLEX Fraudulent Mobile Print Feature
■ 401-612-014	1	AUTOPLEX Long Call Detection/Enhancement
■ 401-612-015	1	AUTOPLEX Roamer Only Romer Access Number Feature Document
■ 401-612-016	2	AUTOPLEX Sequential Cell Site Trunk Hunt Feature (3-94)
■ 401-612-018	1	AUTOPLEX Suppress Master SCNAMA Records Feature Document
■ 401-612-020	3	AUTOPLEX Virtual System Call Routing
■ 401-612-021	3	AUTOPLEX Virtual System Output Message Routing System 1000 With CDN

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■ 401-612-022	2	Virtual System Input Message Restriction
■ 401-612-023	5	AMA Teleprocessing
■ 401-612-024	4	AUTOPLEX Data Base Survey Capability Feature System
■ 401-612-025	3	Restricted Access Feature
■ 401-612-027	2	Carrier Access Code Restriction (With or Without CDNs)
■ 401-612-028	1	AUTOPLEX Virtual System AMA Event Recording Feature Document
■ 401-612-030	2	Credit Card Phone/32-Digit Dialing
■ 401-612-031	1	AUTOPLEX Series II Six Sector Support Optional Feature
■ 401-612-032	2	AUTOPLEX Voice Mail Notification — System 1000 with Call Processing/Data Base Nodes
■ 401-612-033	1	AUTOPLEX Series II Growth Frame Support Optional Features
■ 401-612-034	2	Expanded Spectrum Capability
■ 401-612-035	1	Autoplex Subscriber PIN Intercept (SPINI) (2-95)
■ 401-612-037	4	E1A Function Code
■ 401-612-040	4	Manufacturer Code Validation (With or Without CDNs)
■ 401-612-042	1	AUTOPLEX Subscriber Call Quality Rating Feature Document
■ 401-612-044	2	Programmable Treatment Routing
■ 401-612-045	1	AUTOPLEX Alarm Summary Print
■ 401-612-047	2	Remote Feature Activation
■ 401-612-048	1	System 1000 Administrable Digital Padding Feature (With/Without Call Processing/Data Base Node)
■ 401-612-050	1	Tandem Trunk Switching
■ 401-612-051	1	Immediate Bill with Multiple System — Optional Features
401-612-052	2	AUTOPLEX Feature Documents — RF Call Trace
■ 401-612-054	3	Virtual System Recent Change/Verify Access
■ 401-612-055	1	AUTOPLEX Increased Court Ordered Surveillance
■ 401-612-057	4	User Defined Alarms
401-612-058	1	AUTOPLEX Automatic Number Identification Information Digits Optional Feature
401-612-059	1	AUTOPLEX Feature Documents Subscribers and System Error to Announcement AUTOPLEX Transfer
■ 401-612-060	1	Mobile Failure Log (With or Without CDNs)
■ 401-612-061	1	AUTOPLEX Immediate Call Trace — Optional Feature
■ 401-612-062	1	AUTOPLEX Feature Documents Selectable Paging Tone
■ 401-612-063	2	AUTOPLEX Cancel Call Waiting Optional Feature
■ 401-612-064	1	Customer Control Of Output Message Feature
■ Appendix 1	2	AUTOPLEX Initial Setup of CCOM Data Bases System 1000
■ 401-612-066	1	AUTOPLEX Positive Paging Default
■ 401-612-067	2	AUTOPLEX NONAR Capable Flood Paging Feature
■ 401-612-068	1	AUTOPLEX Digital Preference for Handoffs
■ 401-612-069	2	AUTOPLEX Mobile Station Test
■ 401-612-070	2	AUTOPLEX - Message Retrieval Code System 1000 with Call Processing/Data Base Nodes
■ 401-612-071	3	AUTOPLEX Networking Roamer With Call Processing Database Modes
■ 401-612-072	2	AUTOPLEX - Multi Units with Same Directory Number
■ 401-612-073	3	AUTOPLEX - Dynamic Channel Allocation, System 1000 (with Call Processing/Database Nodes)
■ 401-612-074	2	AUTOPLEX - Split NPA With Short Mobile ID Numbers Paging Feature
■ 401-612-075	3	AUTOPLEX - Control Point Switch Handoff Restriction
■ 401-612-076	2	AUTOPLEX-Wide Short Mobile ID No. Paging System With Call Processing/Database Modes
■ 401-612-078	1	AUTOPLEX Interim Standard 41 Roamer Administration Service
■ 401-612-079	1	AUTOPLEX Feature Documents — TS-41 Message Recording Service Interface (MRS)

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■ 401-612-080	3	AMA Search
■ 401-612-081	1	Automatic Call Trace
■ 401-612-082	1	AUTOPLEX Series II Cell Site Directional Setup
■ 401-612-083	1	AUTOPLEX Virtual System Tones and Announcement
■ 401-612-084	1	AUTOPLEX Message Recording Service Equal Access Interface
■ 401-612-085	1	AUTOPLEX Operator Call Restrictions Announcement
■ 401-612-086	1	AUTOPLEX Homer Electric Number Fraud Check
■ 401-612-088	1	AUTOPLEX Fraudulent SOR Tumbling Electric Serial Number
■ 401-612-089	3	AUTOPLEX Billing Network Automatic Message Accounting Optional Features
■ 401-612-090	1	AUTOPLEX Partial Station Class Mark in Automatic Message Accounting
■ 401-612-091	1	AUTOPLEX Primary Clock Alarm
■ 401-612-092	1	AUTOPLEX Forced Handoff
■ 401-612-093	1	AUTOPLEX Reserved Radios for Handoff
■ 401-612-094	1	AUTOPLEX Roamer Only Restricted Cellular Network Handoff
■ 401-612-095	2	AUTOPLEX Radio Reservation for Priority Subscriber
■ 401-612-096	2	AUTOPLEX Operator Services Signaling Feature
■ 401-612-097	1	AUTOPLEX Dialed Digits in Automatic Message Accounting
■ 401-612-098	1	AUTOPLEX Recent Change/Verify Overload Access Control Option Feature
■ 401-612-099	1	AUTOPLEX Periodic Cross Face Locate
■ 401-612-100	1	Autoplex Subscriber Form Activity Print (SFAP) (2-95)
■ 401-612-101	1	Series IIm-T1 Minicell and Series IImm-T1 Microcell Support (1-95)
■ 401-612-102	1	Autoplex Emergency Call Access (ECA) (2-95)
■ 401-612-103	1	Autoplex Authorized Roaming Lists (ARS) and Home Only Service (4-95)
■ 401-612-107	1	Autoplex Drop Dragging Restricted Calls (DDRC) (2-95)
■ 401-612-500	2.3	AUTOPLEX Cellular Telecommunications System — System 1000 Series II Release 5.X Features

401-614 AUTOPLEX System Access

CDMA (Code Division Multiple Access)

■ 401-614-010	11/94	CDMA Product Overview (11-94)

401-660 AUTOPLEX System 1000 Series II

■ 401-660-060	2	AUTOPLEX Cellular Telecommunications System 100 Compact Base Station Description, Operation, & Maintenance
■ 401-660-100	3	AUTOPLEX Cellular Site Description
■ 401-660-101	4.1	AUTOPLEX SER II Cellular Site Diagnostic Test Description System 1000
■ 401-660-105	1	AUTOPLEX Series II Linear Amplifier Circuit itenance Procedures — System 1000
■ 401-660-106	2	AUTOPLEX Cell Site Translation
■ 401-660-109	1	AUTOPLEX Cellular Operation 1V Systems Traffic Alarmer—User's Guide
■ 401-660-110	2	AUTOPLEX Cell Site Letters Engineering Guidelines
■ 401-660-111	1	AUTOPLEX Guidelines for Minimizing RF Interference in Cellular Systems
■ 401-660-115	1	AUTOPLEX System 1000 Series IIm and Series IImm Mini-Cells Description, Operation, and Maintenance (2-95)
■ 401-660-116	1	AUTOPLEX System 1000 Series IImm T1/E1 Micro-Cell Description, Operation, and Maintenance (2-95)
■ 401-660-117	1	AUTOPLEX System 1000 Series IIm-T1/E1 Mini-Cell and Series IImm-T1/E1 Micro-Cell Cabinet Installation Manual (2-95)
■ 401-660-200	1	AUTOPLEX System 1000 Series II Compact Base Station Cabinet Installation Manual

Number	Issue	Subject

401-661 AUTOPLEX System 1000 Release 4.1

Number	Issue	Subject
■ 401-661-000	1	System 1000 System Description
■ 401-661-010	2	AUTOPLEX Cellular Telecommunications Systems — System 1000 — Multiple Systems — Implementation Guidelines
■ 401-661-020	3	AUTOPLEX SS7 Implementation Guidelines R4.1 and Later
■ 401-661-030	2	AUTOPLEX Cellular Telecommunications Systems — System 1000 — Digit-By-Digit— Feature Insert Card
■ 401-661-031	1	AUTOPLEX Cellular Telecommunications Systems — System 1000 — Routing Description
■ 401-661-040	1	Autonomous Registration — Engineering Guide
■ 401-661-045	1	AUTOPLEX Common Network Interface (CNI) Ring Maintenance
■ 401-661-111	2	AUTOPLEX Cellular Telecommunications Systems — System 1000 — Series II — Microcell Implementation, Installation and Maintenance Guidelines
■ 401-661-115	1	AUTOPLEX Extended Total Access Communication System (ETACS) Universal Fiber Microcell Implementation, Installation, and Maintenance Guide
■ 401-661-116	1	Advanced Mobile Phone Service (AMPS) — Universal Fiber Microcell — Implementation, Installation and Maintenance Guide
■ 401-661-215	1	AUTOPLEX Extended Total Access Communication System (ETACS) Universal Microcell (2-95)
■ 401-661-216	1	AUTOPLEX Extended Total Access Communication System (ETACS) Universal Microcell (2-95)

401-662 AUTOPLEX System 1000 Operation Management Platform (OMP)

■ 401-662-001	2.1	System 1000 OMP User's Guide (11/94)
■ 401-662-002	2.1	System 1000 OMP Installation Guide (11/94)

Number	Issue	Subject

401-7 Customer Documentation and Wireless Products

401-701 Wireless Subscriber System (WSS)

System Related Documents

■ 401-701-101	1.1	WSS (Wireless Subscriber System) Description
■ 401-701-102	1.1	WSS Site Preparation Guide
■ 401-701-105	1	WSS Remote Access Feature Guide (12-94)

Cell Related Documents

■ 401-701-201	1.1	WSS Database Guide
■ 401-701-202	1.1	WSS Daily Operations and Maintenance Guide
■ 401-701-203	1.1	WSS Output Message Manual
■ 401-701-204	1.1	WSS Cell Diagnostic Description

Interface Network

■ 401-701-301	1.01	WSS Installation, Test, and Maintenance Guide (3 Vols.)
■ 401-701-302	1.1	WSS Interface Network Administration Guide

401-9 Optional Binders with Tabs

■ 401-900-004	--	System Features (2 Volumes) Volume 1 contains the documents listed below.

401-601-011	401-601-012
401-601-013	401-601-014
401-601-020	401-601-021
401-601-022	401-601-023
401-601-024	401-601-025
401-601-026	401-601-027
401-601-028	401-601-029
401-601-030	401-601-031
401-601-032	401-601-033
401-601-035	401-601-080

Volume 2 contains the documents listed below.

401-612-020	401-601-021
401-612-022	401-612-023
401-612-024	401-612-025
401-612-027	401-612-030
401-612-034	401-612-037
401-612-040	401-612-044
401-612-047	401-612-050
401-612-057	401-612-060

Number	Issue	Subject
■ 401-900-004BSA	4	AUTOPLEX (3 Vols) Binder Subassembly for Feature Documents (This is a component — Order 401-900-004 to receive complete binder job.)
■ 401-900-006	1	AUTOPLEX Engineer Letter (Binder, Tabs, and Inserts)
■ 401-900-007	--	D&D And Routing
■ 401-900-007BSA	1	D&D And Routing Binder Sub Assembly
■ 401-900-010	1	AUTOPLEX Binder Subassembly (Binder, Tabs, and Inserts Only)
■ 401-900-061	--	Executive Cellular Processor (ECP) Description Binder (2 Volumes) Volume 1 contains the documents listed below. 254-302-005 254-302-020 254-302-105 254-302-110 254-302-115 254-302-212 254-302-221 254-341-000 254-341-100 254-341-114 254-341-115 254-341-116 254-341-200 254-341-210 254-341-220 254-341-230 254-341-235 254-341-240 254-341-245 Volume 2 contains the documents listed below. 254-001-014 254-302-800 254-302-830 254-302-831 254-302-832 254-302-837
■ 401-900-061BSA	1/95	AUTOPLEX Binder Sub-Assembly

Division 402

Antennas, Transmission Lines, and Waveguide

402-0 Indexes and Equipment Test Lists

402-1 Transmission Lines and Waveguide

402-3 VHF/UHF Antennas

402-4 Microwave Antennas

Number	Issue	Subject
402-0 Indexes and Equipment Test lists		
402-000-000	48	Numerical Index — Division 402 — Antennas, Transmission Lines, and Waveguide
402-001-011	6	Microwave Radio
402-1 Transmission Lines and Waveguide		
402-100 Coaxial Transmission Lines and Connectors		
402-100-100	1	Description
402-100-200	1	Installation
402-110/120 Waveguide		
KS-20001 Flanging Kit		
402-110-220	1	Field Flanging of Rectangular Waveguide Sections
402-3 VHF/UHF Antennas		
402-300 Federal FTR-29C Antenna System		
402-300-100	1	Description
402-300-500	1	Maintenance
402-302 Base Station Mobile Telephone Service Antennas		
402-302-100	2	Description
402-304 Mobile Station Mobile Telephone Service Antennas		
402-304-100	1	Description
402-304-206	1	KS-15510 Whip
402-304-210	1	Method of Terminating Coaxial Cable
402-304-211	1	Removal of Antennas
402-307 RF Filters		
402-307-100	2	Description and Applications
402-4 Microwave Antennas		
402-400 Return Loss Measurements		
402-400-100	1	General Theory
402-400-330	2	Periodic Test Intervals
402-400-501	3	TD-2 System — Using 45A Test Set
402-400-502	1	Return Loss Measurements Through TD-2, TD-3, TD-3A, TD-3D, and TH-3 Transmitter Receiver Bays
402-400-503	1	TH System
402-410-100	1	General — Maintenance
402-420 KS-5759 Delay Lens Antenna		
402-420-100	4	Description
402-420-200	4	Installation
402-420-330	4	Periodic Test Intervals
402-420-500	2	Tools, Materials, and Safety Precautions
402-420-501	1	Repair Procedures
402-420-502	1	Replacing Weather Cover and Lens
402-420-503	1	Rehabilitating Lens Elements
402-420-504	1	Gain Measurement
402-421 KS-15676 Horn-Reflector and Waveguide System		
402-421-100	3	Description
402-421-201	5	Antenna Assembly
402-421-202	5	Antenna Installation
402-421-203	3	Circular Straight Rigid Waveguide and Circular Flexible Waveguide — Installation

Number	Issue	Subject
402-421-204	3	Systems Combining Network
402-421-205	2	Rectangular Waveguide, Rigid and Flexible
402-421-206	1	Orientation Using ED-59410-70 Transducer
402-421-207	1	Orientation Using 11A Directional Coupler
402-421-208	1	Orientation Using 21A Coupler
402-421-209	1	Use of the AT-8550 Tools
Addendum	1	
402-421-210	2	Horn-Reflector Orientation Using 33A or 43A Transducer and Waveguide System Alignment
■ 402-421-210AC	1	Microwave Antennas — Horn-Reflector Orientation Using 33A or 43A Transducer and Waveguide System Alignment (11-93)
Addendum	1	
402-421-220	1	KS-15676 L15 Modification Kits
402-421-221	1	KS-15676, L19, L20, L21, and L22 Modification Kits
402-421-250	1	Substituting Performed Rigid for Circular Flexible Waveguide
402-421-330	2	Periodic Test Intervals
402-421-501	2	Horn-Reflector Assembly
402-421-502	2	Weather Cover
402-421-503	1	Feed Horn, Mounting Base and Frame, and Flexible Waveguide
402-421-504	1	Rigid Waveguide and Restrainer
402-421-505	1	Square Restrainer, Hood, Compensator Transducer, and 11A Directional Coupler
402-421-506	3	In-Service Air Leak Detection and Correction
402-421-507	1	Reflector Surface

402-422 KS-21972 Conical Antenna

402-422-100	1	Microwave Antennas — KS-21972 Conical Antenna and Waveguide System — Description
402-422-200	2	KS-21972 Conical Antenna and Waveguide System — Antenna Assembly and Installation — Microwave Antennas
402-422-501	1	Microwave Antennas — KS-21972 Conical Antenna — Repair of Bullet Holes

Number	Issue	Subject

402-423 KS-16320 Passive Reflector

402-423-100	1	Description
402-423-201	1	List of Tools and Equipment
402-423-202	1	Assembly of List 1 Reflector
402-423-203	1	Assembly of List 2 Reflector
402-423-204	1	Assembly of Mount for List 1 Reflector
402-423-205	1	Assembly of Mount for List 2 Reflector
402-423-206	2	Installation of Lists 1 and 2 on Miscellaneous Structures
402-423-207	2	Installation of Lists 1 and 2 on the AT-7728B Guyed Tower, and List 1 on the AT-8009C Guyed Tower and the AT-8013C Self-Supporting Tower
402-423-208	2	Installation of Lists 1 and 2 on the AT-7729B Self-Supporting Tower
402-423-209	2	Elevation Adjustment for Lists 1 and 2
402-423-210	2	Azimuth Adjustment for Lists 1 and 2
402-423-211	1	Curvature Adjustment for List 2
402-423-212	2	Immobilization of Lists 1 and 2
402-423-330	1	Periodic Test Intervals
402-423-400	2	Supplementary Drawings
402-423-501	2	Tools, Materials, and Safety Precautions
402-423-502	2	Inspection and Repairs

402-424 KS-19570 Passive Reflector

402-424-100	1	Description
402-424-200	1	Assembly and Installation
402-424-500	1	Maintenance
402-424-501	1	Initial Alignment Elevation and Azimuth Adjustment

402-430/459 Parabolic Antennas

General Maintenance

402-430-501	2	Resin Erosion

402-431 KS-5708 List 1 Perforated Parabolic Antenna

402-431-100	1	Description

Number	Issue	Subject
402-432 KS-5708 List 2 Non-Perforated Parabolic Antenna		
402-432-100	1	Description
402-433 KS-15970 Parabolic Antenna		
402-433-200	1	Assembly and Installation
402-435 KS-15852 Parabolic Antenna		
402-435-200	1	Assembly and Installation
402-436 KS-15837, KS-15838, and KS-15924 Parabolic Antennas		
402-436-200	1	Assembly and Installation
402-438 KS-19273 Parabolic Antenna Radome		
402-438-200	1	Installation

Division 403

Coastal Harbor, High Seas, Overseas,And Emergency Point-to-Point Radio

403-0 Index

403-1 Common Equipment

403-2 Coastal Harbor Radio

403-3 High Seas and Overseas Radio

403-4 Over-the-Horizon Radio Systems (2-GHZ)

403-8 Emergency Point-to-Point Radio

Number	Issue	Subject

403-0 Index

403-000-000	46	Numerical Index — Division 403 — Coastal Harbor, High Seas, Overseas, and Emergency Point-to-Point Radio

403-1 Common Equipment

403-101 A-1 Vogad

403-101-100	1	Description
403-101-330	2	Periodic Test Intervals
403-101-500	2	Maintenance

403-102 J68313E Syllabic Frequency Amplifier-Detector

403-102-100	1	Description
403-102-330	1	Periodic Test Intervals
403-102-500	1	Maintenance

403-2 Coastal Harbor Radio

403-200 Task Oriented Practices (TOP)

▲403-200-501	2	Control Terminal and Routiner Test Set
▲403-200-502	2	Coast Station Receivers
▲403-200-503	2	Coast Station Transmitters

Number	Issue	Subject

403-202/219 Overall Systems

Using MM System Control Terminal

403-202-100	2	System Description and Operation

403-220/239 Control Terminals and Associated Equipment

MM Control Terminal

403-222-100	2	Description

403-240/259 Transmitters

Aeronautical Communications Equipment Model 446-21

403-242-100	1	Description
403-242-330	1	Periodic Test Intervals
403-242-500	1	Maintenance

403-243 KS-20818L1, KS-20819L1, and KS-20820L1 Coast Station

403-243-100	2	Description

403-265 AEROCOM* Model 3604 Receiver

403-265-100	1	Description
403-265-330	1	Periodic Test Intervals
403-265-500	1	Receiver and Associated Test Equipment — Maintenance

403-266 KS-20821 and KS-20822 Coast Station Receiver

403-266-100	2	Description

403-280 KS-21277 Routiner Test Set

403-280-100	2	Description, Operation, and Maintenance

* AEROCOM is a registered trademark of Aeronautical Communications Equipment, Inc.

Number	Issue	Subject

403-3 High Seas and Overseas Radio

403-300/312 Overall Systems

Lincompex Mark II

403-310-100	1	Description
403-310-101	1	Description — Transmit Unit
403-310-102	1	Description — Receive Unit
403-310-201	1	Installation — Transmit Unit
403-310-202	1	Installation — Receive Unit
403-310-501	1	Tests — Transmit Unit
403-310-502	1	Tests — Receive Unit
403-310-800	1	Transmit and Receive Units — Parts List

403-311 Maritime Lincompex

403-311-100	1	100/101 Terminal — Description
403-311-101	1	100/101 Transmit Unit — Description
403-311-102	1	100/101 — Receive Unit — Description
403-311-301	1	100/101 Transmit/Receive Terminal — Installation
403-311-501	1	100/101 Transmit/Receiver Terminal — Tests
403-311-502	1	100/101 Transmit/Receive Terminal — Alignment

403-313/329 Control Terminals and Associated Equipment

B1 Channel Shifter

403-313-100	1	General Description
403-313-501	1	Test and Alignment
403-315-300	1	Control System for Highseas Radio Station

B3 Privacy Device

403-323-100	1	Description
403-323-330	1	Periodic Test Intervals
403-323-500	1	Maintenance

Number	Issue	Subject

403-330/349 Transmitters

LD-T2 Transmitters

403-330-100	1	J41611A (4.0-23 MHz) and J41611AA (4.5-28 MHz) — Description
403-330-300	1	Operation
403-330-501	1	Tests and Adjustments
403-330-502	1	Alignment
403-330-503	1	J41611A (4.0-23 MHz) and J41611AA (4.5-28 MHz) — Trouble Location
403-330-701	1	Servo System Adjustment

Westinghouse MS Amplifier

403-331-100	1	Description
403-331-300	1	Operation
403-331-501	1	Tests
403-331-502	1	Alignment
403-331-503	1	Trouble Location
403-331-504	1	Inspection
403-331-700	1	Type MS and Type MS (Modified) — Mechanical Adjustments and Lubrication

403-332 RF COMM Type 740 Transmitter

403-332-100	1	Description
403-332-200	1	Installation
403-332-300	1	Operation
403-332-501	1	Tests
403-332-502	1	Alignment

403-350/379 Receivers

LD-R1 Radio Receiver

403-351-100	1	Description
403-351-300	1	Operation
403-351-501	1	Tests
403-351-502	1	Troubleshooting
403-351-700	1	Mechanical Adjustments and Lubrication
403-351-800	1	Ordering Information

Number	Issue	Subject
403-380/389 Miscellaneous Equipment		
Antenna Multicouplers KMS-101B		
403-380-100	1	Antenna Coupler — Description and Test
Frequency Measurement Circuit		
403-383-100	1	Description
403-383-500	1	Test and Adjustment
403-4 Over-the-Horizon Radio Systems (2-GHz)		
403-403 FARINON* Type SS2000W-02		
403-403-100	1	Overall System — Description
403-403-101	1	Transmitter — Description
403-403-102	1	Receiver — Description
403-403-301	1	Overall System — Operation
403-403-501	1	Transmitter-Receiver Tests — In-Service Tests and Adjustments
403-403-502	1	Transmitter-Receiver Tests — Alignment
403-405 ITTL NUS 3653-8 10-KW Power Amplifier		
403-405-100	1	Description
403-405-300	1	Operation
403-405-501	1	Test and Alignment
403-405-701	1	Maintenance
403-405-801	1	Mechanical Procedures — Klystron Replacement
403-407 ITTL NUS 4492-1 Order-Wire and Pilot Tone Equipment		
403-407-100	1	Description
403-407-501	1	Test and Adjustment
403-413 ITTL NUS 3298 Receiver		
403-413-100	1	Description
403-413-301	1	Operation and Maintenance
403-413-501	1	Primary Voltage Measurements — Test and Maintenance
403-413-502	1	NUS 3360 Local Oscillator — Test and Maintenance
403-413-503	1	NUS 3354 RF Amplifier — Tests and Adjustments
403-413-504	1	IF Attenuator — Test and Maintenance
403-413-505	1	NUS 3300 Diplexer-Preselector — Test and Adjustment
403-413-507	1	NUS 3306 Dual IF Combiner — Test and Adjustment
403-413-508	1	Alignment Tests and Adjustments
403-413-509	1	Dual Diversity Operation — Tests and Adjustments
403-414 ITTL NUS 3297 Converter-Amplifier		
403-414-100	1	Description
403-414-301	1	Operation
403-414-500	1	Maintenance
403-415 ITTL NUS 3296 Power Amplifier		
403-415-100	1	ITTL 12A-1 — Description
403-415-301	1	ITTL 12A — Operation
403-415-501	1	Maintenance and Calibration
403-415-502	1	ITTL 12A-1 — Klystron Alignment
403-415-503	1	ITTL 12A-1 — Klystron Replacement
403-8 Emergency Point-to-Point Radio		
403-801 EC-C1 Control Terminal		
403-801-100	1	Description
403-801-330	1	Periodic Test Intervals
403-801-500	1	Maintenance
403-802 EC-1 System (MOTOROLA*)		
403-802-101	1	EC-T1 Transmitter
403-802-102	1	EC-R1 Receiver

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Division 404

Manual Mobile Radio

404-0 Index and Equipment Test List

404-1 Overall System

404-2 Base Station Terminal Equipment

404-3 Mobile Stations

404-5 35 MC Transmitters and Receivers

405-6 150 MC Transmitters and Receivers

Number	Issue	Subject
404-0 Index and Equipment Test List		
404-000-000	18	Numerical Index — Division 404 — Manual Mobile Radio"
404-001-011	1	Equipment Test List
404-1 Overall System		
404-100 Base Station Lineup		
404-100-500	3	General
404-100-501	4	Circuit Facilities Tests
404-100-502	7	Transmitter Frequency and Modulation
404-100-503	3	G-Type Control Terminal Levels
404-100-504	2	H-Type Control Terminal Levels
404-100-505	5	Receiver Output Level Using Test Transmitter
404-100-506	4	Receiver Output Level Using Frequency Converter
404-100-507	3	Receiver Output Level Using FM Signal Generator
404-100-508	3	G-Type Control Terminal Arranged for Full Duplex Operation
404-100-509	3	Talking Tests
404-2 Base Station Terminal Equipment		
404-201 G-2 Control Terminal		
404-201-100	2	General Description
404-201-101	1	Monitoring and Remote Control Circuit
404-201-300	2	Operation
404-201-500	2	Maintenance
404-202 H-Type Control Terminal		
404-202-000	2	Base Station Terminal Equipment — General
Addendum	1	
404-202-100	1	Description
404-202-500	1	Maintenance
404-203 B1 and B2 Vogads		
404-203-000	4	General
404-203-100	5	Description
404-203-300	5	Placing In and Removing From Service
404-203-500	6	General Test Information
404-203-501	2	Tests
404-204 A1 and A2 Noise Reducers		
404-204-100	2	Description
404-204-300	2	Placing In and Removing From Service
404-204-500	2	General Test Information
404-204-501	1	Tests
404-205 J68311A Selective Signaling Oscillator		
404-205-100	1	Description
404-205-500	1	Maintenance
404-206 J68312C VF Amplifier		
404-206-100	1	Description
404-206-500	1	Maintenance

Number	Issue	Subject
404-207 MOTOROLA* Start-Dial Indicator		
404-207-100	1	Description
404-207-500	1	Maintenance
404-210/211 Trunk Terminating Circuits		
404-210-000	1	J68352 Trunk Terminating Circuit
404-211-000	4	J41634 Trunk Terminating Circuit
404-220/225 Remote Control Chassis		
MOTOROLA WE-8066-L		
404-220-100	1	Description
404-220-500	1	Maintenance
GENERAL ELECTRIC† 4KC4A2 Rev. RC286		
404-225-000	1	Description and Maintenance
404-230/231 Power Supply		
MOTOROLA WE-8464		
404-230-100	2	Description
404-230-500	2	Maintenance
MOTOROLA P-8531		
404-231-000	1	General
404-3 Mobile Stations		
Installation		
404-300-200	1	General
404-300-201	1	Two-Way Service — Passenger Cars
Tests		
404-300-500	3	General
404-300-501	2	Receivers and Selectors
404-300-502	2	Transmitters
404-300-503	2	Over-all Talking Tests
Trouble Location		
404-300-510	2	General Trouble Analysis
404-300-511	2	Primary Power
404-300-512	2	Receivers
404-300-513	2	Mechanical Selectors
404-300-514	2	Electronic Selectors
404-300-515	2	Transmitters
404-300-516	2	Control Unit, Junction Box, and Wiring
404-310 Control Units and Junction Boxes		
404-310-100	2	General Description
404-320/323 Selectors		
404-320-100	2	General Description
Type 106A		
404-321-100	1	Description
404-321-500	1	Maintenance
404-321-801	1	Modification for Improved Signaling, Increased Pulse Codes, and Relay Changes
Scantlin S.E.I. — 1315		
404-323-000	2	General
404-323-100	2	Description
404-323-200	2	Installation
404-323-500	2	Maintenance
404-4 35 MC Transmitters and Receivers		
404-422 Type 41B — Base Station Receivers		
404-422-100	2	Description
404-422-500	1	Maintenance
404-422-801	1	Modification to Improve Codan Operation
404-422-802	1	Modification to Relocate Controls and Jacks
404-422-803	1	Modification to Provide Crystal Protection
404-422-804	1	Modification to Provide Output Screw Terminals
404-422-805	2	Modification to Codan Circuit Output
404-422-806	1	Modification to Improve Selectivity

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† GENERAL ELECTRIC is a registered trademark of General Electric Company.

Number	Issue	Subject
404-462 GE* Progress Line		
404-462-000	1	Description, Operation, and Maintenance
404-462-150	1	Condensed Specifications
404-5 150 MC Transmitters and Receivers		
404-501/506 Base Station Transmitters		
MOTOROLA WETU-250-BC and WETU-50-B1 Base Station Transmitters		
404-501-100	2	Description
404-501-500	2	Maintenance
404-501-801	1	Modification for Use With J41625 Remote Power Control Unit
404-501-802	1	Modifications to WE-8332 Exciter
MOTOROLA PA-8491-B, PA-8492, WE-8497, and WE-8497-A Base Station Transmitters		
404-502-000	1	General
404-502-100	1	Description
404-502-500	1	Maintenance
404-502-801	1	Modification to Convert WE-8497 Transmitter to WE-8797-A
GE PLM-7484519-G11 Transmitter and PL-7776064-G1 Multifrequency Panel Base Station Transmitters		
404-504-000	1	General
404-504-100	1	Description
404-504-500	1	Maintenance
GE 4ET1E1 Rev. RC 286 Base Station Transmitters		
404-505-100	1	Description
404-505-500	1	Maintenance
GE 4ET21A12 RC705 4EP4A1 RC705 Base Station Transmitters		
404-506-100	1	Description
404-506-500	1	Maintenance
404-524/525 Base Station Receivers		
GE 4ER21A1 Rev. RC286 Base Station Receiver		
404-524-100	1	Description
404-524-500	1	Maintenance
GE 4ER25B12 RC705 Base Station Receiver		
404-525-100	1	Description
404-525-500	1	Maintenance
404-541/543 Base Station Transmitter-Receivers		
MOTOROLA J-41630A Base Station Transmitter-Receivers		
404-541-100	1	Description
404-541-500	1	Maintenance
GE J-41630B Base Station Transmitter-Receivers		
404-542-100	1	Description
404-542-500	1	Maintenance
GE J-41630C Base Station Transmitter-Receivers		
404-543-100	1	Description
404-543-500	1	Maintenance

* GE is a registered trademark of General Electric Company.

Division 405

MJ, MK, and ML Mobile Radiotelephone

405-0 Index and Equipment Test Lists

405-1 MJ/MK Overall System

405-2 MJ/MK Base Station

405-3 MJ/MK Mobile Station

405-8 Private Mobile Radio Systems

Number	Issue	Subject
405-0 Index and Equipment Test Lists		
405-000-000	69	Numerical Index Division 405 — MJ, MK, and ML Mobile Radiotelephone
405-001-011	5	MJ, MK, and ML — ETL
405-1 MJ/MK Overall System		
405-100-101	1	MJ System — General Description
405-100-102	1	MK System — General Description
405-2 MJ/MK Base Station		
405-200 Lineup		
405-200-501	2	MJ System
405-200-502	2	Remote Signaling System
Addendum	1	
405-200-503	1	System Line-Up
405-200-504	1	Mobile Simulator — System Performance Checks
405-210 Information Common to Large and Small System Control Terminals		
Tests		
405-210-501	2	Tone Generator
405-210-502	2	Tone Detector
405-210-503	4	Receive Line Terminating Unit and Receiver Selector
405-210-504	2	Vogad Tests
405-210-505	2	Vogad Alignment
405-210-506	2	Sonad
405-210-507	3	Transmit Line Terminating Unit
405-210-701	2	ITT Telecom Relay Test and Adjustment Procedures
405-211 MJ and MK Large System Control Terminals		
405-211-100	1	Description
Tests		
405-211-509	2	Link Circuit and Link Allotter Circuit
405-211-510	3	Common Pulse Circuit
405-211-511	2	Duplicate Switching and Test Access Circuit
405-211-512	3	Transmitter Control Circuit
405-211-513	2	Channel Selector
405-211-514	2	Base Station Identifier Control Circuit
405-211-515	1	Test Transmitter Control Panel Tests (MJ)
405-211-516	2	Technical Operator Test Panel
405-211-517	3	Test Panel — Common Control Circuit Tests and Service-Trouble Indications
Mechanical Adjustments		
405-211-702	2	Crossbar Switch
405-212 MJ and MK Small System Control Terminals		
405-212-100	1	General Description
Tests		
405-212-501	2	Link Circuit
405-212-502	2	Base Station Identifier Control Circuit
405-212-503	2	Test Panel
405-212-504	1	Transmitter Control Circuit
405-221 MOTOROLA* KS-19618 Base Transmitters (MJ)		
405-221-100	2	General Description
405-221-501	3	High-Power Transmitter Tests
405-221-502	3	High-Power Transmitter Alignment

Number	Issue	Subject
405-221-503	1	Low-Power Transmitter Tests
405-221-504	2	Low-Power Transmitter Alignment
405-221-505	3	Test Transmitter Test
405-221-506	3	Test Transmitter Alignment

405-225 MOTOROLA KS-20285 Base Transmitters (MK)

405-225-100	1	Description
405-225-200	1	Installation
405-225-501	2	Test Procedures
405-225-502	2	Alignment
405-225-503	1	Trouble Location

405-231 MOTOROLA KS-19618 Base Receiver (MJ)

405-231-100	2	General Description
Addendum	1	
405-231-501	1	Tests
405-231-502	2	Alignment

405-235 KS-20285 Base Receiver (MK)

405-235-100	1	Description
405-235-200	1	Installation
405-235-501	1	Tests
405-235-502	1	Alignment
405-235-503	1	Trouble Location

405-241 MOTOROLA KS-19618 Base Transmitter-Receiver (MJ)

405-241-100	2	General Description
405-241-501	3	Tests
405-241-502	3	Alignment

405-245 KS-20285 Base Transmitter-Receiver (MK)

405-245-100	1	Description
405-245-200	1	Installation
405-245-501	2	Tests
405-245-502	2	Alignment

405-255 Mobile Simulator

405-255-100	1	Description and Installation

Number	Issue	Subject

405-256 KS-20286 Base Transmitter Combiner (MK)

Addendum	1	
405-256-100	1	Description and Installation
Addendum	1	
405-256-501	1	Test and Adjustments

405-3 MJ/MK Mobile Station

405-311 MOTOROLA KS-19609 Mobile Radio (MJ)

405-311-100	3	General Description
405-311-101	1	Supervisory Unit Description
405-311-200	1	Installation
405-311-501	2	Transmitter-Receiver Tests
405-311-502	2	Transmitter-Receiver Alignment
405-311-505	1	Supervisory Unit Tests

405-312 GENERAL ELECTRIC* KS-19852 Mobile Radio (MJ)

405-312-100	1	General Description
405-312-101	1	Supervisory Unit Description
405-312-200	1	Installation
405-312-501	1	Receiver Tests
405-312-502	1	Receiver Alignment
405-312-503	1	Transmitter Tests
405-312-504	1	Transmitter Alignment
405-312-505	1	Supervisory Unit Tests

405-313 MOTOROLA KS-21466 (MJ)

405-313-100	1	Mobile Radio Transmitter-Receiver — General Description

405-315 MOTOROLA KS-20282 (MK)

405-315-100	1	Description
405-315-101	1	Supervisory Unit — Description
405-315-200	1	Installation
405-315-501	2	Transmitter-Receiver Tests
405-315-502	2	Transmitter-Receiver Alignment
405-315-505	1	Supervisory Unit — Tests

* General Electric is a registered trademark of General Electric Company.

	Number	Issue	Subject
405-316 MOTOROLA KS-21866			
	405-316-100	1	Mobile Radio Transmitter-Receiver — General Description
405-331 KS-19626 and -7 Control Units (MJ)			
	405-331-100	1	General Description
	405-331-501	1	Tests and Alignment
405-335 KS-20283, L1 Control Unit			
	405-335-100	2	Description
❶	405-335-501	1	Tests

405-8 Private Mobile Radio Systems

	Number	Issue	Subject
405-810 ML Mobile Telephone Overall System			
❶	405-810-100	1	ML System General Description
❶	405-810-101	1	Description
❶	405-810-501	1	Remote Signaling Unit — Tests and Requirements
❶	405-810-502	1	Lineup
405-812 ML Mobile Telephone —Control Terminal			
❶	405-812-100	1	Description
❶	405-812-501	1	Initial and Routine Test
405-814 ML Mobile Telephone — Base Station			
❶	405-814-100	1	Description
❶	405-814-101	1	250-Watt Transmitter — Description
❶	405-814-102	1	Motorola KS-20713 L4-3 Receiver — Description
❶	405-814-501	1	KS-20713 Transmitter — Routine Tests
❶	405-814-502	1	KS-20713 Transmitter — Alignment
❶	405-814-511	1	KS-20713 Receiver — Routine Tests
❶	405-814-512	1	KS-20713 Receiver — Alignment

	Number	Issue	Subject
405-816 ML Mobile Telephone —Mobile Equipment			
❶	405-816-100	1	KS-20712 — Description
❶	405-816-101	1	Motorola KS-20712 L2 Mobile Radio Supervisory Unit — Description
❶	405-816-102	1	KS-20712 L3 Control Unit — Description
❶	405-816-501	1	KS-20712 L1 Mobile Radio — Transmitter- Receiver Tests
❶	405-816-502	1	KS-20712 L1 Mobile Radio — Transmitter- Receiver Alignment
❶	405-816-503	1	KS-20712 L2 Mobile Radio — Supervisory Unit Test

Division 406

Air-Ground Radio

406-0 Index and Equipment Test Lists

406-1 Private Systems

406-2 Public Systems

Number	Issue	Subject
406-0 Index and Equipment Test Lists		
406-000-000	26	Numerical Index — Division 406 — Air- Ground Radio
Addendum	1	
406-001-011	1	ETL
406-1 Private Systems		
406-100 ERCO 361-TB Transmitter		
406-100-000	2	General
406-100-100	2	Description
406-100-200	2	Installation
406-100-500	2	Tests
406-101 ERCO 362-R Receiver		
406-101-100	2	Description
406-101-500	2	Tests
406-102 ERCO Type 2040 Carrier-On Monitor		
406-102-000	1	Description, Installation, and Maintenance
406-110 COLLINS* 242F-9C Transmitter		
406-110-100	1	Description
406-110-501	2	Initial Adjustments
406-110-502	1	Tests
406-111 MOTOROLA* CM-620 Receiver		
406-111-100	1	Description
406-111-501	1	Initial Adjustments
406-111-502	1	Tests
406-112 MOTOROLA CM-620A Receiver		
406-112-100	1	Description
406-112-501	1	Initial Adjustments
406-112-502	1	Tests
406-113 COLLINS 51M-10 Receiver		
406-113-100	1	Description
406-113-300	1	Operation
406-113-501	1	Tests
406-113-502	1	Alignment
406-116 Echo-Fox UHF Radio System		
Description		
406-116-100	3	Echo Fox II System Base Station — Overall System
Appendix 1	1	Description
Appendix 2	1	Overall System Tests
Appendix 3	1	Test and Alignment
Appendix 4	1	Unit Replacement and Repair Procedures
Appendix 5	1	Installation and Ordering Information
406-116-101	2	Base Station — General
406-116-102	2	Base Transmitter GE-MASTR Progress Line
406-116-103	2	Base Receiver GE-MASTR Progress Line
Tests		
406-116-500	2	Control Office
406-116-501	2	Base Transmitter GE-MASTR Progress Line
406-116-502	2	Base Transmitter GE-MASTR Progress Line — Alignment
406-116-505	2	Base Receiver GE-MASTR Progress Line

* COLLINS is a registered trademark of Rockwell International Corp.

* MOTOROLA is a registered trademark of Motorola, Inc.

Number	Issue	Subject
406-116-506	2	Base Receiver GE-MASTR Progress Line — Alignment
406-116-510	1	Station Power Supply
Addendum	1	
406-116-514	2	Auxiliary Equipment and Antenna Systems
406-116-800	4	Replacement and Repair Procedures

406-120 Project Scopelight

■ 406-120-100	1	Description and Operation
■ Appendix 1	1	Base Station Test and Alignment Procedures
■ Appendix 2	1	Replacement and Repair Procedures

406-190 Project Nightwatch

■ 406-190-110	1	Description and Operation
■ Appendix 1	1	Base Station Test and Alignment Procedures
■ Appendix 2	1	Equipment Replacement and Repair Procedures
■ Appendix 3	1	Mobile Ground Entry Point (MOGEP)— Description and Administration Requirements
■ Appendix 4	1	Mobile Ground Entry Point (MOGEP)— Deployment and Operational Procedures

406-2 Public Systems

406-200 GENERAL ELECTRIC* BO-42NA Base Station

406-200-100	1	Description

Tests

406-200-500	1	General Test Information
406-200-501	1	Circuit Facilities
406-200-502	1	K1 Control Terminal Local Tests
406-200-503	1	Recording Station Announcement Using KS-16765 Announcement Set
406-200-504	1	Transmitter Modulation Adjustment
406-200-505	1	Receiver Squelch Setting
406-200-506	1	Base Station and K1 Control Terminal Line-Up
406-200-507	1	Talking, Alarm, Control, and Squelch Circuit Tests

406-201 K1 Control Terminal

Addendum	1	
406-201-100	1	Description
406-201-500	2	Tests

406-202 J41642A Trunk Terminating Circuit

406-202-100	1	Description

406-210 General System Requirements

406-210-500	1	System Lineup

406-220 KS-21131 Control Terminal

406-220-100	1	General Description
406-220-500	1	Base Station — System Lineup

* GENERAL ELECTRIC is a registered trademark of General Electric Company.

Division 407

Personal Radio Services

407-0 Indexes and Equipment Test Lists

407-1 35 MC Radio Paging System

407-2 150 MC Radio Paging System

Number	Issue	Subject
407-0 Indexes and Equipment Test Lists		
407-000-000	24	Numerical Index — Division 407 — Personal Radio Services"
Addendum	2	
407-001-011	2	ETL
407-1 35 MC Radio Paging System		
407-100 Over-All System		
Addendum	1	
407-100-100	1	Description
Tests		
407-100-501	1	Preliminary Tests
407-100-502	1	Control Circuits and Alarms
407-100-503	1	Landline Circuit Facilities
407-100-504	1	Frequency Measurements
407-100-505	1	Multi-Transmitter Systems Line-Up
407-100-506	1	Single Transmitter Systems Line-Up
407-101 Budelman B-250-VA4 Transmitter		
407-101-100	1	Description
407-103 Bogen TR-308 Receivers		
407-103-000	1	General
407-103-100	1	Description
407-103-501	1	Models TR-308 and TR-308A
407-103-502	1	Model TR-308B
407-103-503	1	Decoder Wiring
407-104 Bogen TR-360 Receiver		
407-104-100	1	Description
407-104-501	1	Tests
407-104-502	1	Alignment
407-105 Bogen STROMBERG-CARLSON* Signaling Control Terminal		
Addendum	1	
407-105-100	1	Description
Tests		
407-105-500	1	General
Addendum	1	
407-105-501	1	Tone Generator Circuit
407-105-502	1	Register Circuits
407-105-503	1	Signaling Control Circuit
407-105-504	1	Transmitter Control Circuit Panel
407-105-505	1	Transmitter Identifier Circuit
407-105-506	1	Test and Supervisory Circuit
407-105-507	1	222A Interlock Control Circuit
407-2 150 MC Radio Paging System		
407-200 Overall System		
Description		
407-200-100	1	General Description
407-200-101	2	Transmitter Controls and Alarms
Tests		
407-200-500	1	System Lineup
407-200-501	2	Preliminary Delay Equalization
407-200-502	2	Land-Line Circuit Facilities
407-200-503	4	Signaling Tones
407-200-504	2	Station Identification
407-200-508	2	Final Delay Equalization
407-200-509	1	Completed-Call and Trouble Announcements

* STROMBERG-CARLSON is a registered trademark of Stromberg-Carlson Corp.

Number	Issue	Subject
407-201 MOTOROLA* KS-20429 Transmitter		
407-201-100	1	Description
407-201-200	1	Installation
407-201-501	1	Routine Tests
407-201-502	1	Alignment
407-201-503	1	Trouble Location
407-204 MOTOROLA KS-20432, L1 Receiver		
407-204-100	1	Description
407-204-501	1	Routine Tests
407-204-502	1	Alignment
407-204-503	1	Trouble Location (with KS-20428 Battery Charger)
407-207 J1 Control Terminal		
Tests		
407-207-100	1	J99281 — General Description
407-207-501	1	J1 Terminal Switching Circuits
407-207-502	1	J99281S Transmitter Control and Tone Supply Bay
407-210 Auxiliary Equipment		
J41643A Base Station Transmitter Trunk Terminating Circuit		
407-210-100	2	Description
407-210-501	1	Tests

* MOTOROLA is a registered trademark of Motorola, Inc.

Division 408

Narrowband Auxiliary Channel AndOther Non-AT&T Microwave Radio Equipment And TV Off-The-Air Pick-Up Services

408-0 Index and Equipment Test List

408-1 MOTOROLA* Microwave Radio
- -100 Communications, Standby Type
- -110 Frequency Diversity Type
- -120 Type MR-10
- -130 VX1NO4/05 Fixed Television
- -140 VP1NO1/02 Portable Television

408-2 RCA† Microwave Radio
- -200 Type TTR/TRR
- -210 Type TVM-1A

408-3 Federal and REL Microwave Radio
- -301 Federal FLU-5107 Receiver
- -302 Federal FTR-28C Multiplex
- -310/314 REL Microwave Radio
- -320 ARADCOM (Army Air Defense Command) Microwave System
- -321 FAA Radar Remoting Systems (RML or RML-4)

408-4 Documentation Ordering Information

408-7 Narrowband Microwave Radio Auxiliary Channel
- -702/705 RAYTHEON‡ KS-20098 or FARINON§ KS-20311 Radio and KS-20099 Multiplex Equipment
- -706 FARINON KS-21046 Multiplex Equipment
- -707 FARINON KS-21047 Multiplex Equipment

408-8 TV Off-the-Air Pick-Up Services
- -800 CONrac¶ AV12 Audio-Video Receivers

* MOTOROLA is a registered trademark of Motorola, Inc.

† RCA is a registered trademark of RCA Corporation.

‡ RAYTHEON is a registered trademark of Raytheon Manufacturing Company.

§ FARINON is a registered trademark of Harris Corporation.

¶ CONrac is a registered trademark of CONrac Corporation

Number	Issue	Subject

408-0 Index and Equipment Test List

408-000 Index

408-000-000	18	Numerical Index — Division 408 — Motorola, RCA (Radio Corporation of America), Federal, REL (Radio Engineering Laboratories), Narrowband Auxiliary Channel and Other Non-AT&T Microwave Radio Equipment and TV Off- the- Air Pick-up Services

408-011 Equipment Test List

Supplement 1	2	
408-001-011	1	Motorola, RCA, Federal, REL, Narrowband Auxiliary Channel and Other Non-AT&T Microwave Radio Equipment and TV Off-the-Air Pick-up Services

408-1 MOTOROLA Microwave Radio

408-100 Communications, Standby Type

408-100-000	1	General
408-100-330	1	Periodic Test Intervals
408-100-500	2	Tests

408-110 Frequency Diversity Type

General

408-110-000	1	General
408-110-330	1	Periodic Test Intervals

Alignment Procedures

408-110-500	1	General
408-110-501	1	Equipment Alignment
408-110-502	1	Preliminary Antenna Adjustments
408-110-503	1	MU-180-A Waveguide Diplexer Phase Shifter Adjustment

P-8719-D IF Strip Alignment

408-110-510	1	General
408-110-511	1	Using Measurements Corp. Model 80 Signal Generator
408-110-512	1	Using Rada-Sweep*

* Rada-Sweep is a registered trademark of Kay Elemetrics Corporation

Number	Issue	Subject
Measurements at 6000 Megacycles		
408-110-520	1	General
408-110-521	1	Transmitter
408-110-522	1	Video Gain Adjustment — Terminals
408-110-523	1	Receiver
408-110-524	1	Comparator Equalizer Pads — Terminals
408-110-525	1	Comparator Equalizer Pads — Repeaters
408-110-526	1	Comparator Equalizer Pads — Alternate Method
Signal Comparator Adjustment		
408-110-530	1	General
408-110-531	1	MU-161 Signal Comparator Alignment
408-110-532	1	Pilot Receiver

408-120 Type MR-10

Number	Issue	Subject
General		
408-120-000	1	General
408-120-330	1	Periodic Test Intervals
System Tests		
408-120-500	2	General
408-120-501	1	Mixer and Monitor Crystal Tests
408-120-502	1	Power Supply Tests
408-120-503	1	Preliminary RF Tests and Adjustments
408-120-504	1	Final RF Tests and Adjustments
408-120-505	1	Waveguide Diplexer Phase Shifter Adjustment
408-120-506	1	AFC Tests and Adjustments
408-120-507	1	IF Amplifier Noise Balance and Output
408-120-508	2	Signal Comparator Tests and Adjustments
408-120-509	1	Pilot Channel Transmitter and Receiver Tests
408-120-510	1	Sensing Panel Tests and Adjustments
408-120-511	1	Alarm Equipment Tests and Adjustments
Measurements Using Hewlett-Packard 623B SHF Test Set		
408-120-520	1	General
408-120-521	1	Test Flange Loss, Transmitter Power, and Frequency
408-120-522	1	Receiver
408-120-523	1	Modulation Amplifier — Gain Adjustment
Unit Tests		
408-120-530	1	General
408-120-531	1	Modulation Amplifier
408-120-532	1	IF Amplifier

408-130 VX1NO4/05 Fixed Television

Number	Issue	Subject
General		
408-130-100	1	Description
408-130-330	1	Periodic Test Intervals
408-130-500	2	General Test Information
Transmitter Tests		
408-130-501	1	Voltages
408-130-502	1	RF Tuning
408-130-503	1	RF Power and Frequency
408-130-504	1	Alarm Adjustment and Remote Control Operation
Receiver Tests		
408-130-511	1	Voltages
408-130-512	1	RF Tuning
408-130-513	1	Mixer Performance and Adjustment
408-130-514	1	AFC Check
408-130-515	1	Noise Level
408-130-516	1	Bandpass
408-130-517	1	Received Signal Level
408-130-518	1	Alarm Adjustment and Remote Control Operation
System Tests		
408-130-521	2	Transmitter Deviation and Channel Net Gain
408-130-522	1	Video Frequency Response
408-130-523	1	Video Frequency Response Less Terminal Equipment
408-130-524	1	Square Wave Response

Number	Issue	Subject
408-130-525	2	Differential Phase and Gain
408-130-526	1	Noise and Hum
Unit Tests		
408-130-531	1	MU-165 Test Oscillator and Balun Amplifier
408-130-532	1	MU-231 Video Modulation Amplifier
408-130-533	1	MK-214 RF Box and Control Panel (Transmitter)
408-130-534	1	MK-215 RF Box and Control Panel (Receiver)
408-130-535	1	IF Performance
408-130-536	2	IF Alignment
408-130-537	1	MU-216 AFC Chassis
408-130-538	1	MU-230 Video Line Preamplifier
408-130-539	1	MU-169 Video Line Amplifier
408-130-540	1	MU-219 Power Supply
408-130-541	1	MU-206 Power Supply
408-130-542	1	MU-207 Power Supply
408-130-543	1	MU-208 Power Supply
Miscellaneous Information		
408-130-551	2	Voltage and Resistance Tables
408-130-552	2	List of Test Equipment
408-130-553	1	Patch Cords
408-130-554	1	Electron Tube Compliments
408-130-555	1	Spare Parts List
408-130-556	1	Adjusting Transmitter to New Frequency
408-130-557	1	Adjusting Receiver to New Frequency

408-140 VP1NO1/02 Portable Television

General		
408-140-100	1	Description
408-140-200	1	Installation
408-140-300	1	Operation
408-140-330	1	Periodic Test Intervals
408-140-500	1	General Test Information
Transmitter Tests		
408-140-501	1	Voltages
408-140-502	1	RF Tuning
408-140-503	1	RF Power and Frequency
408-140-504	1	Alarm Adjustment and Remote Control Operation
Receiver Tests		
408-140-511	1	Voltages
408-140-512	1	RF Tuning
408-140-513	1	Mixer Performance and Adjustment
408-140-514	1	AFC Check
408-140-515	1	Noise Level
408-140-516	1	Bandpass
408-140-517	1	Received Signal Level
408-140-518	1	Alarm Adjustment and Remote Control Operation
System Tests		
408-140-521	1	Transmitter Deviation and Channel Net Gain
408-140-522	1	Video Frequency Response
408-140-523	1	Square Wave Response
408-140-524	1	Differential Phase and Gain
408-140-525	1	Noise and Hum
Unit Tests		
408-140-531	1	MU-165 Test Oscillator and Balun Amplifier
408-140-532	1	MU-231 Video Modulation Amplifier
408-140-533	1	MU-204 Control Panel (Transmitter)
408-140-534	1	MK-209 RF Box (Transmitter)
408-140-535	1	MU-205A Control Panel (Receiver)
408-140-536	1	MK-210 RF Box (Receiver)
408-140-537	1	IF Performance
408-140-538	1	IF Alignment
408-140-539	2	AFC Performance
408-140-540	1	MU-230 Video Line Preamplifier
408-140-541	1	MU-169 Video Line Amplifier
408-140-542	1	MU-201 Power Supply
408-140-543	1	MU-202 Power Supply
408-140-544	1	MU-203 Power Supply
Miscellaneous Information		
408-140-551	1	Electron Tube Compliments
408-140-552	1	Spare Parts List

Number	Issue	Subject
408-140-553	1	Adjusting Transmitter to New Frequency
408-140-554	1	Adjusting Receiver to New Frequency

408-2 RCA Microwave Radio

408-200 Type TTR/TRR

General

408-200-100	2	Description
408-200-200	1	Installation
408-200-300	1	Operation
408-200-330	2	Periodic Test Intervals
408-200-500	2	General Test Information

Transmitter Tests

408-200-501	1	Assembly
408-200-502	1	Tuning
408-200-503	1	Video Amplifier Gain and Response
408-200-504	1	Frequency and Power Output
408-200-505	1	Fixed Wavemeter Frequency Measurement

Receiver Tests

408-200-511	1	Assembly
408-200-512	1	Tuning
408-200-513	1	AFC Alignment
408-200-514	1	IF Bandpass and Alignment
408-200-515	1	Video Discriminator Alignment
408-200-516	1	AFC Discriminator Alignment
408-200-517	1	Video Amplifier Gain and Response

System Tests

408-200-521	1	Tuning
408-200-522	1	Differential Phase and Gain
408-200-523	1	Baseband Gain and Response
408-200-524	1	Noise and Hum
408-200-525	1	Square Wave Response

Trouble Location

408-200-531	1	Transmitter — Early Model 1B
408-200-532	1	Transmitter — Models 1B and 1C
408-200-533	1	Receiver — Models 1B, 1C, and 1D
408-200-534	1	Receiver — Power Supply

Mechanical Procedures

408-200-541	1	Transmitter or Receiver Removal From Weatherproof Housing
408-200-542	1	Removal of Covers from Control Unit Carrying Cases
408-200-543	1	Installing or Removing Transmitter Wavemeter
408-200-544	1	Replacing Klystron

Modifications

408-200-551	1	Low Frequency Conversion Kit
408-200-552	1	Intercommunication Circuit
408-200-553	1	Hum Bucking Circuit
408-200-554	1	Receiver Power Supplies
408-200-555	1	Transmitter Fixed Cavity Wavemeter

408-210 Type TVM-1A

General

408-210-000	1	General
408-210-200	1	Installation
408-210-300	1	Operation
408-210-330	1	Periodic Test Intervals
408-210-500	1	General Test Information

Transmitter Tests

408-210-501	1	Tuning
408-210-502	1	Modulation-Deviation Reference Voltages
408-210-503	1	Monitor Unit
408-210-504	1	Video Modulator
408-210-505	1	AFC Unit
408-210-506	1	Differential Phase and Gain
408-210-507	1	Video and Square Wave Response
408-210-508	1	RF Power Output and Wavemeter Check
408-210-509	1	Power Supply

Receiver Tests

408-210-511	1	Tuning
408-210-512	1	IF Alignment

Number	Issue	Subject
408-210-513	1	IF Preamplifier Alignment
408-210-514	1	IF Amplifier Alignment
408-210-515	1	Limiter-Discriminator Alignment
408-210-516	1	Video Amplifier
408-210-517	1	AFC Unit
408-210-518	1	Differential Phase and Gain
408-210-519	1	Video Response
408-210-520	1	Noise Level
408-210-521	1	Power Supply
System Tests		
408-210-531	1	Tuning
408-210-532	1	Differential Phase and Gain
408-210-533	1	IF Gain and Video Response
408-210-534	1	Square Wave Response
408-210-535	1	Noise and Hum

408-3 Federal and REL Microwave Radio

408-301 Federal FLU-5107 Receiver

408-301-100	1	Description
408-301-330	1	Periodic Test Intervals
408-301-500	1	Maintenance

408-302 Federal FTR-28C Multiplex Equipment

408-302-000	1	General
408-302-100	1	Description
408-302-330	1	Periodic Test Intervals
408-302-500	1	Maintenance

408-310/314 REL Microwave Radio

REL 756 Transmitter		
408-310-000	1	General
408-310-100	1	Description
408-310-330	1	Periodic Test Intervals
408-310-500	1	Maintenance
REL 756J Transmitter		
408-311-000	1	General
408-311-100	1	Description
408-311-330	1	Periodic Test Intervals
408-311-500	1	Maintenance

Number	Issue	Subject
REL 756 Receiver		
408-312-100	1	Description
408-312-330	1	Periodic Test Intervals
408-312-500	1	Maintenance
REL 756J Receiver		
408-313-100	1	Description
408-313-330	1	Periodic Test Intervals
408-313-500	1	Maintenance
VF Service Channel For REL 756J Equipment		
408-314-100	1	Description
408-314-330	1	Periodic Test Intervals
408-314-500	1	Maintenance

408-320 ARADCOM (Army Air Defense Command) Microwave System

408-320-000	1	Collins* MS-508C Microwave and MX-106 Multiplex Systems

408-321 FAA Radar Remoting Systems (RML or RML-4)

■	408-321-501	1	RML-4 Cape Charles — Leesburg — MW- 103 Transmitting Terminal
■	408-321-502	1	RML-4 Cape Charles — Leesburg — MW- 103 Intermediate Station
■	408-321-503	1	RML-4 Cape Charles — Leesburg — MW- 103 Receiving Terminal
■	408-321-504	1	RML-4 Mt Laguna — Palmdale — MW- 105 Transmitting Terminal
■	408-321-505	1	RML-4 Mt Laguna — Palmdale — MW- 105 Receiving Terminal
■	408-321-506	1	RML Fallon — Transmitting Terminal
■	408-321-507	1	RML Fremont — Receiving Terminal

* Collins is a registered trademark of Rockwell International Corporation

Number	Issue	Subject

408-4 Documentation Ordering Information

■ 408-400-000AC	1	NEC* DR6-135 Application Manual — 500 Series
■ 408-400-001AC	1	NEC DR6-135 Digital Service Channel — 500 Series
■ 408-400-002AC	1	NEC DR6-135 Transmitter/Receiver — 500 Series
■ 408-400-003AC	1	NEC DR6-135 Radio Systems Application Manual — 500 Series
■ 408-400-004AC	1	NEC DR11-135 Radio Systems Application Manual — 500 Series
■ 408-400-005AC	1	NEC DR6-135 Microwave Radio Overall System — 800 Series
■ 408-400-006AC	1	NEC DR6-135 Microwave Radio Transmitter/Receiver — 800 Series
■ 408-400-007AC	1	NEC DR6-135 Microwave Radio 64 Qam Modulator/Demodulator — 800 Series

408-7 Narrowband Microwave Radio Auxiliary Channel

408-702/705 RAYTHEON KS-20098 or FARINON KS-20311 Radio and KS-20099 Multiplex Equipment

Overall System

408-702-100	1	Description
408-702-102	1	FARINON KS-21046 Radio and KS-21047 Multiplex Equipment — Description
408-702-502	1	FARINON KS-21046 Microwave Radio — FARINON KS-21047 Multiplex Equipment — Overall System Lineup

RAYTHEON KS-20098 Radio Equipment

408-703-000	2	Description, Operation, and Maintenance

FARINON KS-20311 Radio Equipment

408-704-001	1	4-GHz Space Diversity System — Description, Operation, and Maintenance
408-704-002	1	2-GHz/4-GHz Crossband Diversity System — Description, Operation, and Maintenance
408-704-003	1	2-GHz Monitored Hot Standby System — Description, Operation, and Maintenance
408-704-004	1	4-GHz Monitored Hot Standby System — Description, Operation, and Maintenance

FARINON KS-20099 Multiplex Equipment

408-705-000	1	Description, Operation, and Maintenance

408-706 FARINON KS-21046 Multiplex Equipment

408-706-001	1	2-GHz System — Description, Operation, and Maintenance
408-706-002	1	4-GHz System — Description, Operation, and Maintenance

408-707 FARINON KS-21047 Multiplex Equipment

408-707-000	1	Description, Operation, and Maintenance

408-8 TV Off-the-Air Pick-Up Services

408-800 CONrac AV12 Audio-Video Receivers

408-800-000	1	General
408-800-300	1	Operation

Tests

408-800-330	1	Periodic Test Intervals
408-800-500	1	General
408-800-501	2	Test Equipment, Tools, and Patch Cords
408-800-502	1	Calibrating Simpson Signal Generator
408-800-503	1	Mega-Pix Calibration
408-800-504	1	Voltage Checks
408-800-505	1	Quality Checks Using Broadcaster's Signal
408-800-506	1	Video Response
408-800-507	1	Audio Response
408-800-508	1	Signal-To-Noise Ratio
408-800-509	1	Differential Phase and Gain

* NEC is a registered trademark of Nippon Kabushiki Kaisha

Number	Issue	Subject
408-800-510	1	Composite Signal Test
408-800-511	1	Single Frequency Noise
408-800-512	1	IF Amplifier Alignment
408-800-513	1	RF Tuning and Over-all Alignment
408-800-514	1	Crystal Control Unit
408-800-515	1	Sound Channel Alignment

Division 409

TE, TJ, TL, and TM Microwave Radio

409-0 Indexes and Equipment Test Lists
-099 Customer Information Release (CIR)

409-1 TE Microwave Radio
-100 Overall System
-110 TE-T1 Transmitter
-120 TE-R1 Receiver
-130 TE-T2 Transmitter
-140 TE-R2 Receiver
-150 TE-A1 Amplifier

409-2 TJ or TJ/TM-1 Microwave Radio
-200 TJ Microwave Radio
-201 TJ/TM-1 Microwave Radio
-210 TJ Transmitter Tests
-220 TJ Receiver Tests
-230 TJ Auxiliary Bay Tests
-240 TJ — Systems Tests — Light Loading
-241 TJ/TM-1 — Systems Tests — Heavy Loading
-242 TJ Microwave Radio — Systems Tests — Heavy Loading

409-3 TL-1 Microwave Radio
-300 Description
-301 Operation
-302 General Information
-303 System Tests
-304 Transmitter Tests
-305 Transmitter-Receiver Equipment Tests
-306 Receiver Tests
-308 Power Supply Tests
-310 Order Wire and Alarm Tests
-312 Diversity Switch Tests

409-4 TL-2 and TM-1 Microwave Radio
-400 Description
-401 Operation
-402 General Maintenance Tests
-403 System Tests
-404 Transmitter Tests
-405 TM-A1 Power Amplifier
-406 Receiver Tests
-408 Power Supply Tests
-410 Order-Wire and Alarm Tests
-412 Diversity Switch Tests
-420 TL-2 Portable Microwave

409-5 TM-2/TM-2A Microwave Radio
-500 Description
-502 General Maintenance Tests
-503 System Tests
-504 Transmitter Tests
-506 Receiver Tests
-508 Power Supply Tests
-512 Hot Standby Switch

409-6 Ancillary Equipment

409-7 Overall System

Number	Issue	Subject
409-0 Indexes and Equipment Test Lists		
409-000-000	34	Numerical Index — Division 409 — TE, TJ, TL, and TM Microwave Radio
409-001-011	10	ETL — TE, TJ, TL, and TM Microwave Radio
409-001-012	1	TL-1 Radio
409-001-013	1	TL-2/TM-1 Radio
409-001-014	1	TM-2/TM-2A Radio
409-001-015	1	Short Haul Radio
409-099 Customer Information Release (CIR)		
❑ 409-099-001 IR	1	Discontinued Availability of TM-2 and TM-2A Microwave Radio Systems, Transmission Systems
409-1 TE Microwave Radio		
409-100 Overall System		
409-100-100	3	Description
409-100-500	3	Tests
409-100-501	1	Modification for NTSC Color

Number	Issue	Subject
409-110 TE-T1 Transmitter		
409-110-100	4	Description
409-110-500	4	Tests
409-110-501	1	Modification for Remote and Local Control and Use of Improved Klystron
409-110-502	1	Modification for NTSC Color
409-120 TE-R1 Receiver		
409-120-100	4	Description
409-120-500	4	Tests
409-120-501	2	Modification for Improved Operation and Maintenance
409-120-502	1	Modification for NTSC Color
409-130 TE-T2 Transmitter		
409-130-100	2	Description
409-130-500	2	Tests
409-130-501	1	Modification for NTSC Color
409-140 TE-R2 Receiver		
409-140-100	2	Description
409-140-500	2	Tests
409-140-501	1	Modification for Improved Operation and Maintenance
409-140-502	1	Modification for NTSC Color
409-150 TE-A1 Amplifier		
409-150-100	1	Description
409-150-500	1	Tests
409-2 TJ or TJ/TM-1 Microwave Radio		
409-200 TJ Microwave Radio		
Description		
409-200-100	3	General
409-200-101	4	Overall System
409-200-102	3	Transmitter-Receiver Bay
409-200-103	2	Power Supply
409-200-104	4	Transmitter
409-200-105	4	Receiver
409-200-106	2	D1 Auxiliary Bay
409-200-107	1	D2 Auxiliary Bay
General Tests		
Addendum	1	
409-200-500	5	General Test Information
409-200-501	2	Tools
409-200-502	5	TR Bay — Power Supply Tests and Voltage Checks
409-200-503	3	Auxiliary Bay — Power Supply Tests and Voltage Checks
409-200-504	2	Waveguide Components Losses
409-201 TJ/TM-1 Microwave Radio		
Description		
409-201-100	1	General
409-201-101	1	Overall System
General Tests		
409-201-503	2	Auxiliary Bay — Power Supply Tests and Voltage Checks
409-210 TJ Transmitter Tests		
409-210-501	4	Frequency and Power Output
409-210-502	2	Deviation
409-210-503	4	Linearity
409-210-504	3	Baseband Amplifier Response
Addendum	1	
409-210-505	3	Component Replacement
409-220 TJ Receiver Tests		
409-220-501	4	RF to IF Tests
Addendum	1	
409-220-502	4	Baseband Amplifier Power Output, Frequency Response, Noise Quieting, and Squelch Adjustments
409-220-503	3	Linearity
409-220-504	3	1A Modulator or J99296AA List 3, 4 Modulator Preamplifier
409-220-505	4	Component Replacement
409-220-506	3	Noise Figure Measurements
409-220-507	1	IF Unit Impedance Matching

Number	Issue	Subject
409-230 TJ Auxiliary Bay Tests		
409-230-500	2	General
409-230-501	2	Diversity Switch and Transmission Unit
409-231 TJ/TM-1 Auxiliary Bay		
409-231-501	1	Diversity Switch and Transmission Unit
409-240 TJ — Systems Tests — Light Loading		
409-240-500	4	General
409-240-501	3	Initial Line-up Test Sequence
Addendum	1	
409-240-502	2	Received Signal Level
409-240-503	3	Transmitter Deviation
409-240-504	2	Receiver Gain
409-240-505	3	Net Loss Measurements
409-240-506	4	Telephone With Diversity — Comparator Tests
409-240-507	4	Signaling and Pilot Tone Levels
409-240-508	2	Pilot Monitor Tests and Adjustments
409-241 TJ/TM-1 — Systems Tests — Heavy Loading		
409-241-500	2	General
Addendum	1	
409-241-501	2	Initial Line-Up Test Sequence and Periodic Test Intervals
409-241-502	3	Received Signal Level
Addendum	1	
409-241-503	2	Transmitter-Receiver Link Deviation
Addendum	1	
409-241-504	1	Transmitter-Receiver — Link Linearity Test
409-241-505	2	Net Loss Measurements
409-241-506	2	Comparator Tests and Adjustments
409-241-507	2	Signaling and Pilot Tone Levels
409-241-508	2	Pilot Monitor Tests and Adjustments
409-241-509	2	Noise Loading Measurements
409-242 TJ Microwave Radio — Systems Tests — Heavy Loading		
409-242-500	1	General
409-242-501	1	Initial Line-Up Test Sequence
409-242-502	1	Received Signal Level, IF, and Squelch Tests
Addendum	1	
409-242-503	1	Transmitter-Receiver Link Deviation
409-242-504	2	Transmitter-Receiver — Link Linearity Test
409-242-505	1	Net Loss Measurements
409-242-506	2	Comparator Tests
409-242-507	1	Signaling and Pilot Tone Levels
409-242-508	1	Pilot Monitor Tests and Adjustments
409-242-509	2	Noise Loading Measurements
409-3 TL-1 Microwave Radio		
409-300 Description		
409-300-100	3	General
409-300-101	3	Overall System
409-300-102	4	Transmitter-Receiver Bay
Addendum	1	
409-300-103	1	Transmitter
409-300-104	2	Receiver
409-300-105	1	Power Supply
409-300-106	1	Diversity Switch
409-300-107	1	Order Wire and Alarm
409-301 Operation		
409-301-300	1	Operation-Order Wire and Alarm
409-302 General Information		
409-302-330	2	Periodic Test Intervals
409-302-500	2	General Maintenance
409-302-501	3	Transmitter-Receiver Bay — Checks and Trouble Location
409-302-502	1	Cabinet Equipment — Miscellaneous Items

Number	Issue	Subject
409-303 System Tests		
409-303-500	2	General
409-303-501	1	Transmission Measurement
409-303-502	1	Idle Noise
409-303-503	1	600-Circuit Noise Loading Tests for Message Systems
409-303-504	1	Envelope Delay and Linearity Tests
409-304 Transmitter Tests		
409-304-500	1	General
409-304-501	2	Frequency and Linearity
409-304-502	1	Deviation
409-304-503	1	Baseband Amplifier
Addendum	1	
409-304-504	3	Component and Subassembly Replacement
409-305 Transmitter-Receiver Equipment Tests		
409-305-500	1	Component and Subassembly Replacement
409-306 Receiver Tests		
409-306-500	2	General
409-306-501	2	Baseband Amplifier Gain Adjustment
409-306-502	2	AFC Alignment and In-Service Checks
409-306-503	2	Received Signal Level
409-306-504	2	Squelch Circuit Alignment
Addendum	1	
409-306-505	2	Miscellaneous Out-Of-Service Checks
409-306-506	3	Component and Subassembly Replacement
409-308 Power Supply Tests		
409-308-500	1	General
409-308-501	2	Voltage Checks
409-308-502	1	Component and Sub-Assembly Replacement

Number	Issue	Subject
409-310 Order Wire and Alarm Tests		
409-310-500	1	General
409-310-501	1	Alarm Circuit Checks
409-310-502	1	Level and Frequency Adjustments
409-310-503	1	Encoder
409-312 Diversity Switch Tests		
409-312-500	1	General
409-312-501	2	Performance Checks, Alignment, and Unit Replacement
409-4 TL-2 and TM-1 Microwave Radio		
409-400 Description		
409-400-100	3	General
409-400-101	2	TL-2 Overall System
409-400-102	4	TL-2 Transmitter-Receiver Arrangements
409-400-103	3	Transmitter
409-400-104	4	Receiver
409-400-111	2	TM-1 Overall System
409-400-112	3	TM-1 Transmitter-Receiver Arrangement
409-400-113	3	TM-1 Transmitter
409-400-114	3	Receiver
409-400-121	1	Power Supply
409-400-122	2	Power Supply — Chargers and Battery
409-400-123	2	J99296L Bistable Diversity Switch — J99302M Revertive Diversity Switch
409-400-124	2	Order Wire and Alarm
409-400-125	2	Television Transmission Systems Equipped With J99296AC, AD, AE, and AH Video Panels
409-400-126	1	Television Transmission — J99296AJ and AK Video Panels
❶ 409-400-127	1	Hot Standby Transmitter Switch Control Panel — J99302BL
409-400-140	1	TM-A1 Power Amplifier
409-400-141	2	TM-A1 TWT Power Supply
409-400-145	1	TL-A2 Power Amplifier
409-400-146	1	TL-A2 Power Supply
409-400-150	1	TM-B1 Power Amplifier

Number	Issue	Subject
409-400-151	1	TM-B1 Power Supply

409-401 Operation

409-401-300	1	Order Wire and Alarm

409-402 General Maintenance Tests

Addendum	1	
409-402-500	4	General
409-402-501	3	Removing and Restoring Service
409-402-502	5	Transmitter-Receiver Bay — Checks and Trouble Location
409-402-503	5	Building and Housing Equipment
409-402-504	2	TM-A1 Power Amplifier

409-403 System Tests

Addendum	1	
409-403-500	4	General
409-403-501	4	Message Transmission
409-403-502	2	Television Transmission — Systems Equipped With J99296AC, AD, AE and AH Video Panels
409-403-503	1	Television Transmission — Systems Equipped With J99296AJ and J99296AK Video Panels
409-403-504	2	Idle Noise
409-403-505	1	600 Circuit Noise-Loading Tests for Message Systems
409-403-506	1	Envelope Delay and Linearity
Addendum	2	
409-403-507	1	1200-Circuit Noise Loading Tests for Message Systems

409-404 Transmitter Tests

Addendum	1	
409-404-501	3	Frequency and Linearity
409-404-502	3	Deviation
Addendum	1	
409-404-503	3	Baseband Amplifier
409-404-504	4	Component and Subassembly Replacement
409-404-505	3	Power Output
Addendum	1	
409-404-506	1	TM-B1 Power Amplifier — Tune-up and Replacement Procedures
409-404-507	2	TL-A2 Power Amplifier — Tune-up and Replacement Procedures

409-405 TM-A1 Power Amplifier

409-405-501	2	Component and Subassembly Replacement

409-406 Receiver Tests

409-406-500	2	General
409-406-501	2	Baseband Amplifier Gain Adjustment
409-406-502	3	AFC Alignment and In-Service Checks
409-406-503	4	Received Signal Level
409-406-504	4	Squelch Sensitivity
409-406-505	5	Miscellaneous Out-of-Service Checks
409-406-506	3	Component and Subassembly Replacement

409-408 Power Supply Tests

409-408-501	3	Regulator, Inverter, and Rectifier
409-408-503	2	Subassembly Replacement
409-408-505	2	TM-A1 Power Supply

409-410 Order-Wire and Alarm Tests

409-410-501	3	Alarm Circuit Checks
409-410-502	1	Level and Frequency Adjustments
409-410-503	3	Encoder
409-410-504	3	Transmitter Alarm Initiator

409-412 Diversity Switch Tests

	409-412-501	5	Diversity Switch Tests, Alignment, and Unit Replacement
❶	409-412-502	1	Hot Standby Transmitter Switch Control Panel J99302BL — Tests, Alignment, and Subassembly Replacement

409-420 TL-2 Portable Microwave

Description		
409-420-100	1	General
409-420-101	1	Over-all System

Number	Issue	Subject
409-420-102	1	Order Wire and Alarm
409-420-103	1	Television Transmission — J99296BF-1 Video Unit
Installation		
409-420-200	1	Installation and Operation
Tests		
Addendum	1	
409-420-500	1	General

409-5 TM-2/TM-2A Microwave Radio

409-500 Description

409-500-100	3	General
409-500-101	3	Overall System
409-500-102	3	Transmitter-Receiver Arrangement
409-500-103	2	Transmitter-Receiver Panel — Description
409-500-121	2	91A and 91B Power Units
509-500-122	1	220A Power Unit

409-502 General Maintenance Tests

409-502-500	3	General
409-502-501	4	Removing and Restoring Service
409-502-502	3	Transmitter-Receiver Panel — Checks and Trouble Location
409-502-503	1	Transmitter — Receiver Panel — Back-To- Back Testing Methods

409-503 System Tests

409-503-500	2	General
409-503-501	1	Message Transmission
409-503-502	1	Television Transmission
409-503-503	1	Idle Noise
Addendum	2	
409-503-504	1	1200-Circuit Noise Loading Tests for Message Systems
409-503-505	1	Envelope Delay and Linearity

409-504 Transmitter Tests

409-504-500	2	General
409-504-501	3	Local Oscillator
409-504-502	5	FM Transmitter Modulator and Microwave Amplifier
409-504-503	3	Component and Subassembly Replacement

409-506 Receiver Tests

409-506-500	3	General
409-506-501	3	Local Oscillator
409-506-502	3	Received Signal Power
409-506-503	3	IF Amplifier and FM Receiver
409-506-504	3	Component and Subassembly Replacement

409-508 Power Supply Tests

409-508-501	3	91A Power Unit and Im-19 Volt Regulator (ED-3C400-30)
409-508-502	3	Component and Subassembly Replacement

409-512 Hot Standby Switch

409-512-501	1	Receiver Tests, Alignment, and Subassembly Replacement
409-512-502	1	Transmitter — Control Panel — Tests, Alignment, and Subassembly Replacement

409-6 Ancillary Equipment

Description		
409-600-100	1	Description
409-600-101	1	Baseband Access Panel
409-600-102	1	Basic Radio Order Wire
409-600-103	1	Radio and Common Alarms
409-600-104	1	2600-Hz Supply Circuit
409-600-105	1	Baseband Monitor, Switch, and Control for HF Pilot
409-600-106	1	Order Wire and Alarm Multiplex
409-600-107	2	Power Supply — Chargers and Battery
409-600-108	1	Short Haul Radio — 1A-Radio Digital System Transmission
Tests		
409-600-500	1	General Maintenance
409-600-501	1	Baseband Access Panel

Number	Issue	Subject
409-600-502	1	Basic Radio Order Wire
409-600-503	1	Radio and Common Alarms
409-600-504	1	2600-Hz Supply Circuit
409-600-505	1	Monitor, Alarm, and Switch Control Units for HF Pilot — Alignment and Subassembly Replacement
409-600-506	1	Equipment Tests — Order Wire and Alarm Multiplex
409-600-507	2	Installation and Maintenance — Power Supply — Chargers and Battery
409-600-508	2	Short Haul Radio — Equipment Tests — 1A- Radio Digital System Transmission

409-7 Overall System

409-700-100	1	Description
409-700-500	1	General Test Information
409-701-500	1	In-Service Testing
409-701-501	1	Short Haul Radio — In-Service Testing — Channel Net Gain and Baseland Response
409-702-500	1	Short Haul Radio — Out-of-Service System Tests — General Test Information
409-702-501	1	Out-of-Service System Tests — Envelope Delay and Linearity
409-702-502	1	Short Haul Radio — Out-of-Service System Tests — Channel Net Gain and Baseband Response
409-702-503	1	Short Haul Radio — Out-of-Service System Tests — Thermal Noise and Spurious Tones
409-702-504	1	Short Haul Radio — System Tests — Noise Loading
409-702-505	1	Short Haul Radio — System Tests — Differential Phase and Gain

Division 410

TD-2 Microwave Radio

410-0 Index and Equipment Test List

410-1 Overall System

410-2 FM Terminals

410-4 Transmitter-Receiver Bay

410-6 Automatic Protection Switching

410-7 Maintenance Center

410-8 Antenna Duplexing

410-9 Auxiliary Equipment

Number	Issue	Subject
410-0 Index and Equipment Test List		
410-000 Index		
410-000-000	62	Numerical Index — Division 410 — TD-2 Microwave Radio
410-001 Equipment Test List		
410-001-011	14	TD-2 Radio
410-1 Overall System		
Description		
410-100-100	3	General
Operation		
410-100-301	1	Initial Lineup of Channels
Tests		
410-100-500	5	General Test Information
410-100-501	4	Channel Net Gain
410-100-502	5	Baseband Response
410-100-503	2	Differential Phase and Gain
410-100-504	9	Noise and Tones
410-100-505	2	40 Mc Shifter Tone Test
410-100-506	1	Carrier Frequency Measurements
410-100-507	7	Envelope Delay
410-100-508	6	Message Service Connections and Levels
410-100-509	2	Television Service Connections and Levels
410-100-510	4	Received Signal Level
Addendum	1	
410-100-513	2	Noise Loading
410-2 FM Terminals		
Transmitter		
410-200 General		
Description		
Addendum	1	
410-200-101	1	J68336A FM Transmitter
Addendum	2	
410-200-102	1	J68336K FM Transmitter
Operation		
410-200-301	1	Placement In and Removal From Service
Tests		
410-200-501	2	In-Service Checks
Addendum	1	
410-200-502	5	Supply Voltages and Filament Activity
410-200-503	2	Capacitor Check
410-200-510	1	Over-all Transmission
410-200-511	2	Test Charts
410-202 Control Panel — Tests		
410-202-511	1	Supply Voltage Noise Measurement
410-202-512	1	Voltage and Resistance Tables
410-204 Video Amplifier — Tests		
410-204-501	1	AFC Gate Pulse Level
410-204-502	1	Noise and Vibration Check
410-204-503	1	Gain and Baseband Response

Number	Issue	Subject
410-204-511	1	Longitudinal Current Suppression Adjustment
410-204-512	1	Square Wave Response
410-204-513	1	Differential Phase and Gain
410-204-514	1	AFC Gate Pulse Rate Adjustment
410-204-515	2	J68336 FM Transmitter — Voltage and Resistance Tables

410-206 FM Generator — Tests

Addendum	1	
410-206-501	3	J68336 — Klystron Replacement and Tuning and AFC Tests
Addendum	1	
410-206-502	2	J68336 — Rest Frequency
Addendum	1	
410-206-503	2	DO Klystron Sensitivity
Addendum	3	
410-206-504	2	DO Klystron Linearity
410-206-505	1	Output Level
410-206-506	1	Wavemeter Lubrication and Calibration
410-206-511	1	Voltage and Resistance Tables

410-208 Limiter-Amplifier — Tests

Addendum	1	
410-208-501	1	Limiter Action and Output Levels
410-208-511	1	Return Loss
410-208-512	1	Voltage and Resistance Tables

410-210 AFC Unit — Tests

410-210-501	1	Repeller Noise Check
410-210-502	1	AFC Pull-In Check
410-210-511	1	Return Loss
410-210-512	1	Pulse Modulator Balance Adjustment
410-210-513	1	Discriminator Network Adjustment
410-210-514	1	Discriminator Performance Check
410-210-515	1	Voltage and Resistance Tables

Number	Issue	Subject

Receiver

410-220 General

Description

Addendum	1	
410-220-101	1	J68336G FM Receiver

Operation

410-220-301	1	Placement In and Removal From Service

Tests

410-220-501	2	Supply Voltages and Electron Tube Tests
410-220-502	3	J68336G FM Receiver — Capacitor Check
Addendum	1	
410-220-509	2	Linearity and Limiter Bias
Addendum	1	
410-220-510	1	Overall Transmission
410-220-511	1	Receiver Check When FM Transmitter not Available Locally

410-222 Limiter-Detector — Tests

410-222-511	1	Return Loss

410-224 Video Amplifier — Tests

410-224-511	1	Gain and Baseband Response
410-224-512	1	Voltage Table

410-4 Transmitter-Receiver Bay

410-400 General

Operation

Addendum	1	
410-400-303	2	TD-2 Operation With Portable Microwave Repeater

Mechanical Procedures

410-400-701	1	Bay Alignment

410-410 Transmitter-Receiver Bay

410-410-100	5	General Description
410-410-500	7	Tests

Number	Issue	Subject
410-410-501	5	Microwave Generator
410-410-502	2	40-MHz Shifter
410-410-503	2	Transmitter Tests — IF Buffer Amplifier
410-410-504	3	Receiver Control Panel and Power and Metering Panel
410-410-505	4	Receiver Modulator — IF Preamplifier
410-410-506	8	Overall Receiver — Maintenance
410-410-507	6	Transmitter Modulator — Maintenance and Description
410-410-508	7	Overall Transmitter — Maintenance and Description
410-410-509	3	Transmitter Control Panel, Output Monitor, and Power and Metering Panel — Description and Troubleshooting
410-410-510	1	General — Tests — Leakage
410-410-511	1	Impulse Noise Troubleshooting
410-410-512	4	Fade Margin Tests
410-410-513	1	Cross Polarization Test
410-410-514	2	Receiver Space Diversity — Diversity Switch
❶ 410-410-516	1	Transmitter Receiver Bay-General — Tests — RF Leakage

410-6 Automatic Protection Switching

410-600 Overall System

Description

410-600-100	3	Description

Operation

410-600-300	2	Operation
410-600-301	2	Patching Procedures

Tests

410-600-500	2	General
410-600-501	3	In-Service Operate Check
410-600-502	3	Out-of-Service Operate Checks
■ Addendum AC	1	
410-600-503	3	Transmitting Automatic Switch
410-600-504	5	Receiving Automatic Switch
410-600-505	1	Auxiliary Station
410-600-506	1	Channel Maintenance Switching
410-600-507	1	System Timing Tests
410-600-508	3	Unit Timing Tests
410-600-509	1	Trouble Shooting Aids

410-602 Switching Controls

Description

410-602-100	6	Description

Tests

410-602-501	2	Frequency Check
410-602-502	1	Output Level Check
410-602-503	2	Lockout Delay Time Check
410-602-504	1	Manual Operation Check
410-602-505	1	Alarm Delay Operate Time
410-602-506	5	Relay Sensitivity Check
410-602-507	5	Recycling Test
Addendum	1	
410-602-508	3	Local IF Switch Operation
410-602-509	2	Electron Tube and Relay Tests
410-602-510	1	Power Supply Voltages
410-602-511	2	Overall VF Line Transmission

410-604 Channel Initiator

Description

Addendum	1	
410-604-100	2	Description

Operation

410-604-301	1	Placement In and Removal From Service

Tests

410-604-500	1	General Test Information
410-604-501	2	Filament Activity
410-604-502	1	Input Return Loss
410-604-503	1	IF Transmission Test
410-604-504	2	Linearity Test
410-604-505	1	Coarse Linearity Adjustment
410-604-506	1	Monitoring Video Amplifier Adjustment
410-604-507	2	Local Oscillator Tuning Check
410-604-508	5	Adjustment of Reinserted Pilot
410-604-509	2	Modulator and Pilot IF Amplifier Tuning and Detector Tests
410-604-510	6	Pilot Switch Adjustment

Number	Issue	Subject
410-604-511	2	Slicer Circuit Tests
410-604-512	5	Noise Detector and Fade Switch Adjustment
410-604-513	1	Trouble Location Tests
410-604-514	1	Voltage Measurements

410-606 Video Pilot Supply and Distribution Circuit

Number	Issue	Subject
Description		
410-606-100	2	Description
Operation		
410-606-301	1	Placement In and Removal From Service
Tests		
410-606-500	3	Tests

410-608 IF Pilot Resupply and Transfer Panel

Number	Issue	Subject
Description		
Addendum	1	
410-608-100	2	Description
Operation		
410-608-300	2	Preparation for Service
Tests		
410-608-500	6	Tests

FM Terminal Switching

410-610 FM Transmitter Switching

Number	Issue	Subject
Description		
410-610-100	6	Overall System
410-610-101	4	FM Receiver
410-610-102	5	Automatic and Manual Control Circuits
410-610-103	3	Indications, Alarms, and Alarm Circuits
410-610-104	2	Monitoring and Test Facilities
410-610-105	1	Power and Power Distribution
Operation		
410-610-300	5	Operation
Tests		
410-610-500	5	Overall System Tests
410-610-501	4	FM Receiver
410-610-502	2	Controls, Indications, and Alarms
410-610-504	1	Metering Circuit Maintenance

410-611 FM Receiver Switching

Number	Issue	Subject
Description		
410-611-100	6	Overall System
410-611-101	1	Pilot Detection Using J68769A Amplifier- Rectifier
410-611-102	5	Automatic and Manual Control Circuits
410-611-103	3	Indications, Alarms, and Alarm Circuits
410-611-104	2	Monitoring and Test Facilities
410-611-105	1	Power and Power Distribution
Operation		
410-611-300	4	Overall System
Tests		
410-611-500	4	Overall System
410-611-501	2	Controls, Indications, and Alarms
410-611-502	1	Pilot Detection Using J68769A Amplifier- Rectifier

410-612 Common Equipment

Number	Issue	Subject
Description		
410-612-101	2	J68381BK IF Amplifier
410-612-102	2	Pilot Detection
410-612-103	1	Voltage Regulator
Tests		
Addendum	2	
410-612-501	3	FM Terminal Switching — J68381BK, J68381EG, and J68389AC IF Amplifiers
410-612-502	5	Baseband Amplifier-Rectifier
410-612-503	2	Metering Circuit
410-612-504	2	Voltage Regulator
410-612-505	1	Overall System

Number	Issue	Subject
410-7 Maintenance Center		
FM Transmitter Tests		
410-700 Limiter-Amplifier		
410-700-501	1	Electron Tube Tests
410-700-502	1	Return Loss
410-700-503	1	Gain and Frequency Response
410-702 AFC Unit		
Addendum	1	
410-702-501	1	Return Loss
FM Receiver Tests		
410-710 Limiter-Detector		
410-710-501	1	Return Loss
410-710-502	1	IF Amplifier Gain and Frequency Response
410-710-503	2	IF Amplifier Interstage Alignment
410-710-504	2	J68336G — Frequency Response
410-710-505	1	Discriminator Adjustment
Transmitter-Receiver Bay Tests		
410-720-500	4	Receiver Converter and J68330 IF Preamplifier Tests
410-721-500	2	J68387P Receiver Modulator and IF Preamplifier Tests
410-722-500	3	J68330 IF Preamplifier Tests
410-724-500	4	J68330A IF Main Amplifier Tests
410-724-501	1	(J68330T) IF Main Amplifier Tests
410-726-500	3	IF Buffer Amplifier Tests
410-727-500	2	J68330S IF Buffer Amplifier Tests
410-728-500	3	Transmitter Modulator Tests
410-730-500	7	Transmitter Amplifier Tests
410-731-500	1	88A Power Unit Tests
410-8 Antenna Duplexing		
410-802-302	1	Waveguide-Antenna System Restoration
Addendum	1	
410-802-303	1	Temporary Single Antenna Operation for Emergency Use

Number	Issue	Subject
410-9 Auxiliary Equipment		
410-900/904 IF Auxiliary Equipment		
J68338A/B IF Switching/Distribution Amplifiers		
410-900-100	2	Description
410-900-330	2	Periodic Test Intervals
410-900-500	3	Tests
J68338C IF Auxiliary Amplifier		
410-902-100	2	Description
410-902-300	3	Operation
410-902-330	2	Periodic Test Intervals
410-902-500	3	Tests
J68349F IF Bridging Amplifier		
410-904-100	1	Description
410-904-301	1	Placement In and Removal From Service
410-904-330	1	Periodic Test Intervals
Addendum	1	
410-904-501	3	Tests
410-910/914 Baseband Auxiliary Equipment		
J68338D Video Monitor Amplifier		
410-910-100	2	Description
410-910-300	2	Operation
410-910-500	2	Tests
Patching and Monitoring Equipment		
410-912-100	2	Description
410-912-300	2	Operation
410-912-330	2	Periodic Test Intervals
410-912-500	2	Tests
Program and Terminal Maintenance Switching		
410-914-100	1	Description
410-914-300	1	Operation
410-914-500	3	Tests

Division 411

TD-3 Microwave Radio

411-0 Indexes and Equipment Test Lists

411-1 Overall System

411-4 J68386A and J68386B Transmitter-Receiver Bays
- -400 General
- -402 Common Equipment Tests
- -404 Receiver Tests
- -406 Transmitter Tests

411-5 J68386G and J68386H Transmitter-Receiver Bays
- -500 General
- -502 Common Equipment Tests
- -504 Receiver Tests
- -506 Transmitter Tests

411-6 Hot Standby/Space Diversity — Overall Switching

411-7 Maintenance Center

-700/730 Transmitter-Receiver Bay Components

411-8 Antenna Arrangements

Number	Issue	Subject
411-0 Indexes and Equipment Test Lists		
411-000-000	17	Numerical Index — Division 411 — TD-3 Microwave Radio
411-001-011	10	ETL — TD-3 Radio
411-1 Overall System		
Tests		
411-100-100	3	Description
411-100-301	2	Initial Lineup of Channels
Addendum	1	
411-100-500	1	General Test Information
411-100-501	2	Envelope Delay Distortion
Addendum	1	
411-100-503	1	Channel Net Gain and Baseband Response
Addendum	1	
411-100-504	1	Thermal Noise and Spurious Tones
411-100-505	1	Noise Loading
411-100-506	1	Differential Phase and Gain
411-100-508	1	Received Carrier Power
411-100-509	1	Carrier Frequency Measurements
411-4 J68386A AND J68386B Transmitter-Receiver Bays		
411-400 General		
Operation		
411-400-100	3	Description
411-400-301	2	Turnon and Turnoff Procedures
411-400-303	1	Operation With Portable Microwave Repeater
Tests		
411-400-500	2	General
411-400-501	3	In-Service Checks
411-400-502	4	Level Diagrams
411-402 Common Equipment Tests		
411-402-500	2	Preliminary Checks
411-402-501	2	J68387B Microwave Generator
411-402-502	1	Im-19 Volt Regulator
411-402-503	2	J68387D 40-MHz Oscillator-Shift Modulator
411-402-504	2	J68387R Microwave Generator and 4-GHz Multiplier
411-402-511	2	Impulse Noise Troubleshooting
411-402-512	3	Fade Margin Tests
411-402-513	1	Cross-Polarization Discrimination Test
411-404 Receiver Tests		
411-404-501	4	Transmission
411-404-502	2	IF Return Loss Measurement
411-404-503	1	J68387P Receiver Modulator — IF Preamplifier
411-404-504	1	J68387C Receiver Modulator — IF Preamplifier
411-404-505	1	Noise Figure

Number	Issue	Subject
411-406 Transmitter Tests		
Addendum	1	
411-406-501	5	Transmitter Transmission Test
411-406-502	1	IF Return Loss Measurements
411-406-503	2	J68387E IF Driver Amplifier — Transmitter Modulator
411-406-504	4	J86835A Traveling Wave Tube Power Supply Tests and TWT Amplifier Replacement Procedure
411-5 J68386G and J68386H Transmitter-Receiver Bays		
411-500 General		
Operation		
411-500-100	4	Description
411-500-301	3	Turnon and Turnoff Procedures
411-500-303	1	TD-3A Operation With Portable Microwave Repeater
Tests		
411-500-500	3	General Test Information
411-500-501	4	In-Service Checks
411-500-502	5	Level Diagrams
411-502 Common Equipment Tests		
411-502-500	5	Preliminary Checks
411-502-502	2	J87279A Im-19 Volt Regulator
411-502-503	2	J68387W 40-MHz Oscillator and Shift Modulator
411-502-504	7	J68387R-( ) Microwave Generator
Addendum	1	
411-502-505	1	70A Detector, 27A or 28A Integrated Circuit — Replacement
411-502-511	1	Impulse Noise Troubleshooting
411-502-512	3	Fade Margin Tests
411-502-513	1	Cross-Polarization Discrimination Test
411-504 Receiver Tests		
411-504-501	4	Transmission
411-504-502	2	IF Return Loss Measurement
411-504-503	2	J68387P Receiver Modulator and IF Preamplifier
411-504-505	2	Noise Figure
411-504-506	1	Testing and Replacing the 295A IF Switch
411-506 Transmitter Tests		
Addendum	1	
411-506-501	8	Transmission
411-506-502	2	IF Return Loss Measurements
411-506-503	2	J68387U IF Driver Amplifier — Transmitter Modulator
Addendum	1	
411-506-504	1	J86890A Traveling Wave Tube Power Supply Tests and TWT Amplifier Replacement
411-506-505	2	29A and 30A Integrated Circuit — Replacement
411-506-506	1	Testing and Replacing RF Switch and 337A Relay
411-6 Hot Standby/Space Diversity — Overall Switching		
411-600-500	1	General
411-600-501	1	Tests
411-600-502	1	Testing and Replacement of the J68434B Pilot Detector
411-7 Maintenance Center		
411-700/730 Transmitter-Receiver Bay Components		
411-700-500	1	General
411-702-500	1	J68387P Receiver Modulator — IF Preamplifier
411-704-500	1	J68387C Receiver Modulator — IF Preamplifier
411-706-500	1	J68387F IF Main Amplifier
411-708-500	1	J68387S IF Main Amplifier
411-710-500	1	J68387G AGC Amplifier
411-712-500	2	J68387H IF Limiter
411-713-500	1	J68387T IF Limiter — Carrier Resupply
Addendum	1	
411-714-500	1	IF Carrier Resupply
411-716-500	1	J68387E IF Driver Amplifier — Transmitter Modulator
411-717-500	2	J68387U IF Driver Amplifier — Transmitter Modulator

Number	Issue	Subject
411-718-500	1	J68387D 40-MHz Oscillator-Shift Modulator
411-719-500	2	J68387W 40-MHz Oscillator — Shift Modulator
411-720-500	1	J86835A Traveling Wave Tube Power Supply
411-721-500	1	J86890A Traveling Wave Tube Power Supply
411-722-500	1	J68387B Microwave Generator
411-724-500	1	J68387R, List 1, 2, and 4 through 20 Microwave Generator
411-726-500	1	J87279A Im-19 Volt 4.0-Ampere Semiconductor Regulator
411-728-500	1	Transmitter-Receiver Control Units
411-729-500	1	J68387Y-1 and J68387Y-2 Meter Circuits
411-730-500	1	Common Alarm
411-731-500	1	J68387AA Alarm Circuit

411-8 Antenna Arrangements

411-802-302	2	General — Waveguide-Antenna System Restoration
411-802-303	1	Temporary Single Antenna Operation for Emergency Use

Division 412

TH-1 Microwave Radio

412-0 Indexes and Equipment Test Lists

412-1 Overall System

412-2 FM Terminals
- -200 Description
- -210 Common Equipment Tests
- -220 FM Transmitter Tests
- -230 FM Receiver Tests
- -240 3B FM Transmitter
- -245 3B FM Receiver

412-3 Microwave Carrier Supply

412-4 Broadband Radio Channel
- -400 Description
- -410 Common Equipment Tests
- -420 Transmitter Tests
- -430 Receiver Tests
- -440 Mop-Up Equalization Bay
- -450 Digital Service Tests
- -460 Demand Maintenance

412-5 Auxiliary Channel
- -500 Description
- -510 Transmitter-Receiver Tests
- -520 Terminal Bay Tests

412-6 Automatic Protection Switching
- -600 Overall System
- -610 IF Switching Tests
- -620 Baseband Switching Tests
- -630 Signaling Circuit Tests
- -640 Common Control Circuit Tests

412-7 Maintenance Center
- -710 FM Transmitter Tests
- -720 FM Receiver Tests
- -730 Broadband Channel Transmitter Tests
- -740 Broadband Channel Receiver Tests
- -750 Microwave Carrier Supply
- -760 Auxiliary Channel Tests
- -770 Common Equipment Tests

412-8 Antenna Duplexing

Number	Issue	Subject
412-0 Indexes and Equipment Test Lists		
412-000-000	35	Numerical Index — Division 412 — TH-1 Microwave Radio
412-001-011	10	ETL Supplement
412-1 Overall System		
Description		
412-100-100	1	General
Operation		
412-100-301	1	Initial Lineup of Channels
Tests		
412-100-501	4	Main and Terminal Station Levels
412-100-502	3	Envelope Delay Distortion and Baseband Amplitude Equalization
Addendum	1	
412-100-503	4	Fluctuation Noise and Spurious Tones
412-100-504	1	DADE Equalization — Out of Service
412-100-505	1	DADE Equalization — In-Service DADE
412-100-506	1	Broadband and Auxiliary Channel — Received Signal Level Measurements
412-100-507	1	Noise Loading
412-100-508	2	RF Leakage
412-100-509	1	Carrier Frequency Measurements
412-100-515	4	Microwave Carrier Supply and Auxiliary Channel Equipment — In-Service Tests
412-100-550	1	Auxiliary Channel Levels
412-100-800	5	Common Equipment — Mechanical Maintenance Procedures

Number	Issue	Subject
412-2 FM Terminals		
412-200 Description		
412-200-100	1	Transmitter and Receiver
412-210 Common Equipment Tests		
Addendum	1	
412-210-501	2	IF Amplifier
412-210-502	2	Video Amplifier Monitor
412-210-503	2	IF Amplifier-Limiter
412-220 FM Transmitter Tests		
412-220-501	1	Placement In and Removal From Service
Addendum	1	
412-220-502	1	Video Amplifier
412-220-503	2	FM Generator
412-220-504	1	AFC Circuit
Addendum	1	
412-220-505	1	Limiter-Discriminator
412-220-506	1	Reference Oscillator
412-220-507	1	Frequency Comparator
Addendum	1	
412-220-508	3	Overall Tests and Adjustments
412-230 FM Receiver Tests		
412-230-330	2	Periodic Test Intervals
412-230-501	1	Placement In and Removal From Service
412-230-502	2	Discriminator Video Amplifier
Addendum	1	
412-230-503	2	Overall Checks
412-240 3B FM Transmitter		
412-240-100	1	Description
412-240-301	1	Placement In and Removal From Service
412-240-330	1	Periodic Test Intervals
Tests Using 37H FM Terminal Test Set With 37J Test Panel		
412-240-500	2	General
412-240-501	2	In-Service Checks
412-240-502	3	3B FM Transmitter — IF and Oscillator Rest Frequencies
412-240-503	2	Square-Wave Response
412-240-504	2	IF Output and Frequency Response
412-240-505	2	Linearity
412-240-506	2	Deviation Sensitivity
412-240-507	2	Frequency Response and Monitor Gain Adjustments
412-240-508	2	Alarm Circuit Adjustments
412-240-509	1	Fluctuation Noise and Spurious Tone Measurements
412-240-510	1	Oven Temperature Control Circuit
412-240-511	2	Control Unit — Performance Checks
412-240-512	1	Im-20 Volt Regulator — Performance Checks
412-245 3B FM Receiver		
412-245-100	1	Description
412-245-301	1	Placement In and Removal From Service
412-245-330	1	Periodic Test Intervals
Tests Using 37H FM Terminal Test Set With 37J Test Panel		
412-245-500	2	General
412-245-501	1	In-Service Checks
412-245-502	2	Square-Wave Response
412-245-503	3	Gain, Frequency Response, Limiting Action, and Alarm Circuit Adjustments
412-245-504	2	Linearity
412-245-505	2	Fluctuation Noise and Spurious Tone Measurements
412-3 Microwave Carrier Supply		
Description		
Addendum	2	
412-300-100	2	General
Tests		
412-300-330	3	Periodic Test Intervals
412-300-500	3	General

Number	Issue	Subject
412-300-501	2	Low-Voltage Power Supplies
412-300-502	3	14.8-MHz Supply
412-300-503	5	Low-Frequency Generator
412-300-504	5	High-Frequency Generator
412-300-505	4	Low-Frequency Switching Unit
412-300-506	1	High-Frequency Switching Unit
412-300-507	3	J68403F Switching Control Circuit
412-300-508	2	DC Amplifier

412-4 Broadband Radio Channel

412-400 Description

412-400-101	1	Common Equipment
Addendum	2	
412-400-102	2	Transmitter
412-400-103	4	Receiver
412-400-104	2	TH-1 Mop-Up Equalization Bay

412-410 Common Equipment Tests

412-410-330	1	Periodic Test Intervals
412-410-502	4	29.7-MHz and 59.3-MHz Carrier Supply Modulators
412-410-503	2	444A Traveling Wave Tube Loss Measurements

412-420 Transmitter Tests

412-420-330	1	Periodic Test Intervals
412-420-500	1	General
412-420-501	11	Routine Tests
412-420-502	4	Turn-Off and Turn-On Procedures
412-420-503	6	IF Amplifier-Limiter
Addendum	2	
412-420-504	7	IF Carrier Resupply
412-420-505	6	Traveling-Wave Tube Amplifiers
412-420-506	3	Transmitter Modulator
412-420-507	5	Transmission and Output Power

412-430 Receiver Tests

412-430-330	1	Periodic Test Intervals
412-430-501	5	Turnon and Turnoff Procedures
412-430-502	6	Preliminary Checks
412-430-503	6	Gain, Transmission, Noise Figure, Channel Monitor and 59.3-MHz Tone Measurement
412-430-504	5	Receiver Modulator and IF Preamplifier
412-430-505	3	IF Main Amplifier and AGC Circuits
412-430-506	2	Automatic Gain Control Circuit
412-430-507	1	Band-Elimination Filter
412-430-508	1	IF Carrier Resupply of the Following Transmitter
412-430-509	1	Receiver Space Diversity — Diversity Switch

412-440 Mop-Up Equalization Bay

412-440-501	3	Tests

412-450 Digital Service Tests

412-450-501	1	Impulse Noise Troubleshooting
412-450-502	3	Common Equipment Tests — Fade Margin Tests
412-450-503	1	Cochannel Tones and Cross Polarization Discrimination

412-460 Demand Maintenance

412-460-103	3	Transmitter Tests — Demand Maintenance
412-460-104	2	Receiver Tests

412-5 Auxiliary Channel

412-500 Description

412-500-100	1	General
Addendum	1	
412-500-101	2	Transmitter-Receiver
412-500-102	1	Terminal

412-510 Transmitter-Receiver Tests

412-510-500	1	General
412-510-501	3	Placement In and Removal From Service
412-510-502	4	Preliminary Checks
412-510-503	2	Station Line-Up
412-510-504	2	Alarms

Number	Issue	Subject
412-510-505	2	Receiver Modulator — IF Preamplifier
412-510-506	1	IF Amplifier-Detector and Baseband Amplifier, and Automatic Gain Control
412-510-507	2	Transmitter Modulator
412-510-508	1	Frequency-Shift Oscillator
412-510-509	1	Frequency-Shift Modulator
412-510-510	1	Traveling-Wave-Tube Amplifier
412-510-511	1	RF Power and Modulation Monitor Circuit — Placement in Service

412-520 Terminal Bay Tests

412-520-500	1	General
412-520-501	1	Placement In and Removal From Service
412-520-502	2	Preliminary Checks
412-520-503	4	ON-1 Carrier Terminal
412-520-504	2	J68402M Tone Reporter

412-6 Automatic Protection Switching

412-600 Overall System

Description

412-600-100	1	Overall System
412-600-101	1	IF Switching
412-600-103	1	Signaling — Tone and DC Reporting
412-600-106	2	Controls, Indications, and Alarms
412-600-107	1	Automatic Exerciser

Operation

412-600-300	1	Manual Operation
412-600-310	1	Automatic Exerciser

System Tests

412-600-502	2	Tone Line Levels
412-600-503	1	Switching Operation
412-600-504	3	Operational Failure
412-600-505	1	Timing
412-600-506	1	Status Tones

Number	Issue	Subject

412-610 IF Switching Tests

412-610-501	2	8A Gate
412-610-502	2	IF Switch Control Circuit
Addendum	1	
412-610-503	2	IF Carrier Supply
412-610-504	2	IF Amplifier
Addendum	1	
412-610-505	2	IF Level Detector

412-620 Baseband Switching Tests

412-620-501	1	9A Gate
412-620-502	1	Channel Switch Control Unit
412-620-503	1	Baseband Amplifier
412-620-504	1	Receiving Baseband Switch Unit

412-630 Signaling Circuit Tests

412-630-501	2	Tone Oscillator
412-630-502	4	Tone Detector
412-630-503	3	Noise Detector

412-640 Common Control Circuit Tests

Addendum	2	
412-640-501	2	Transmitting and Receiving Logic Unit Tests
412-640-502	4	Transmitting and Receiving Logic Test Charts
412-640-503	3	DC Translator
412-640-504	1	Manual Switch Control
Addendum	1	
412-640-505	1	Override Switch Control
412-640-506	1	Protection Channel Access Switch Control
412-640-507	1	Automatic Exerciser

412-7 Maintenance Center

412-710 FM Transmitter Tests

412-710-501	1	AFC Circuit
412-710-502	1	Limiter-Discriminator
412-710-503	1	Reference Oscillator
412-710-504	1	Frequency Comparator
412-710-505	1	Video Amplifier

Number	Issue	Subject
412-720 FM Receiver Tests		
412-720-501	1	Discriminator-Video Amplifier
412-730 Broadband Channel Transmitter Tests		
412-730-501	3	IF Amplifier-Limiter
412-730-502	7	IF Carrier Resupply
412-730-503	2	Transmitter Modulator
412-740 Broadband Channel Receiver Tests		
412-740-501	2	IF Main Amplifier
412-740-502	3	Receiver Modulator and IF Preamplifier
412-740-503	2	Automatic Gain Control
412-750 Microwave Carrier Supply Tests		
412-750-501	1	14.8 Mc Oscillator
412-750-502	1	Frequency Comparator
412-750-503	1	Low Frequency Generator
412-750-504	2	252 Mc Carrier Supply Modulator

Number	Issue	Subject
412-760 Auxiliary Channel Tests		
412-760-500	1	General
412-760-501	1	59.3 Mc Carrier Supply Modulator
412-760-502	1	Automatic Gain Control
412-760-503	2	Receiver Modulator and IF Preamplifier
412-760-504	1	Frequency Shift Oscillator
412-760-505	1	IF Amplifier-Detector and Baseband Amplifier
Addendum	1	
412-760-506	1	Transmitter Modulator
412-760-507	1	Frequency Shift Modulator
412-770 Common Equipment Tests		
412-770-501	2	29.7-Mc and 59.3-Mc Carrier Supply Modulators
412-770-502	1	IF Amplifier
412-770-503	1	J68406P IF Amplifier-Limiter
412-770-504	1	Video Amplifier Monitor
412-8 Antenna Duplexing		
412-802-302	1	Temporary Single-Antenna Operation

Division 413

TH-3 Microwave Radio

413-0 Index and Equipment Test List

413-1 Overall System

413-4 Transmitter-Receiver Bay

413-6 Hot Standby/Space Diversity

413-7 Maintenance Center

413-8 Antenna Duplexing

Number	Issue	Subject

413-0 Index and Equipment Test List

413-000-000	73	Numerical Index — Division 413 — TH-3 Microwave Radio
413-001-011	8	ETL — TH-3 Radio

413-1 Overall System

Tests

413-100-100	3	Description
413-100-301	2	Initial Lineup of Channels
413-100-500	5	General Test Information
413-100-501	2	Envelope Delay Distortion
413-100-503	3	Channel Net Gain and Baseband Response
413-100-504	4	Thermal Noise and Spurious Tones
413-100-505	2	Noise Loading
413-100-506	2	Differential Phase and Gain
413-100-507	2	Differential Absolute Delay Equalization — Out-of-Service Procedure
413-100-508	4	Received Carrier Power
413-100-509	1	Carrier Frequency Measurements

Number	Issue	Subject

413-4 Transmitter-Receiver Bay

Description

413-400-100	3	General Description
413-400-301	5	Turnoff and Turnon Procedures

Tests

413-400-500	5	General
413-400-501	4	Level Diagrams
413-400-502	5	IF Return Loss
413-400-510	1	RF Leakage
413-400-511	1	Impulse Noise Troubleshooting
413-400-512	2	Fade Margin
413-400-513	1	Cross-Polarization Test
413-400-520	3	Bay Troubleshooting and Fast Return to Service

Common Equipment Tests

413-402-501	8	In-Service Checks
413-402-502	5	Carrier Level
413-402-503	5	Alarms
413-402-520	9	Microwave Generator and 6-GHz Multiplier
Addendum	1	
413-402-521	2	Microwave Distribution Networks
Addendum	1	
413-402-522	4	Shift Oscillator and Shift Modulator
413-402-523	1	6-GHz RF Shifter Application

Receiver Tests

Addendum	1	
413-404-500	7	Overall Transmission
413-404-501	2	J68387S IF Main Amplifier
Addendum	1	
413-404-502	1	Receiver Modulator — IF Preamplifier
413-404-504	4	AM Noise Figure
413-404-505	1	Testing and Replacing the 295A IF Switch

Number	Issue	Subject
Transmitter Tests		
413-406-500	5	Overall Power Level
413-406-501	7	IF Limiter-Amplifier and Transmitter Modulator
413-406-502	2	RF Squelch Initiator
413-406-503	1	Testing and Replacing RF Switch and 337A Relay
413-406-520	8	464A and KS-21196 Traveling Wave Tube Amplifiers — Transmitter-Receiver Bay — Replacement and Turnon Procedure
413-406-521	5	J86886A, J87356A, and KS-21196 Traveling- Wave Tube Power Supplies

413-6 Hot Standby/Space Diversity

413-600-500	2	Overall Switching — General
413-600-501	2	Overall Switching — Tests
413-600-502	2	Testing and Replacement of the J68434B Pilot Detector

413-7 Maintenance Center

413-700-500	1	Transmitter-Receiver Bay Components — General
413-700-502	1	Transmitter-Receiver Bay Components — J68387S IF Main Amplifier
413-700-506	1	Transmitter-Receiver Bay Components — J87279A Im-19 Volt, 4.0-Ampere Semiconductor Regulator
413-700-509	1	Transmitter-Receiver Bay Components — J86913F Alarm Circuit
413-700-510	1	Transmitter-Receiver Bay Components — J68913E Meter Panel

413-8 Antenna Duplexing

413-802-302	1	Temporary Single Antenna Operation

Division 415

TD-3D Microwave Radio

415-0 Index

415-1 Overall System

415-2 Transmitter-Receiver Bays

415-3 Transmitter-Receiver Bays

415-4 Transmitter-Receiver Bays

415-5 Transmitter-Receiver Bays

415-6 Hot Standby/Space Diversity

415-8 Antenna Arrangement

415-0 Index

Number	Issue	Subject
415-000-000	52	Numerical Index Division 415 — TD-3D Microwave Radio
415-001-011	7	ETL — TD-3D Radio

415-1 Overall System

Tests

415-100-508	1	Received Carrier Power
415-100-509	1	Carrier Frequency Measurements

415-2 Transmitter-Receiver Bays

415-200-100	5	J68386J, K, L, M, N, and P — Description — General
415-200-300	2	Turnon and Turnoff Procedures
415-200-303	1	Operation With Portable Microwave Repeater
415-200-500	1	Tests — General
415-200-501	4	Level Diagrams

415-3 Transmitter-Receiver Bays

415-301-500	7	Overall Receiver Tests Using J68345A Test Set
415-301-501	6	Overall Transmitter Tests Using J68345A Test Set
415-301-502	8	Overall Repeater Tests Using J68345A Test Set

Common Equipment Tests

415-310-500	4	J68387R-2 Microwave Generator
415-310-501	1	J68387W 40-MHz Oscillator and Shift Modulator
415-310-502	2	Receiver Tests — Receiver Modulator — IF Preamplifier

Transmitter Tests

415-310-504	2	J68387U IF Driver Amplifier— Transmitter Modulator — Transmitter-Receiver Bays
415-310-505	1	Transmitter Amplifier
415-310-506	1	27B or 28B Integrated Circuit Replacement
415-310-507	2	Hot Standby or Hot Standby/Space Diversity — RF Switch Test and Replacement
415-310-508	1	Receiver Space Diversity — Diversity Switch
415-310-511	1	Transmitter-Receiver Bays — Common Equipment Tests — Impulse Noise Troubleshooting
415-310-512	2	Fade Margin Tests Using J68345A Test Set
415-310-513	1	Transmitter-Receiver Bays — Common Equipment Tests — Cross-Polarization Discrimination Test
415-310-520	2	IF Return Loss Measurements
415-310-521	1	J68386J, K, L, M, N, and P — Receiver Noise Figure Test Using the J68345A Test Set

415-4 Transmitter-Receiver Bays

415-401-500	6	Overall Receiver Tests Using J68392A Test Set
415-401-501	5	Overall Transmitter Tests Using J68392A Test Set

Common Equipment Tests

415-410-500	4	J68387R-2 Microwave Generator
415-410-501	1	J68387W 40-MHz Oscillator and Shift Modulator

Number	Issue	Subject
415-410-502	2	Receiver Tests Using J68392A Test Set — Receiver Modulator — IF Preamplifier
415-410-504	2	J68387U IF Driver Amplifier— Transmitter Modulator — Transmitter-Receiver Bays
415-410-505	1	Transmitter Amplifier
415-410-506	1	J68386J, K, L, M, N, and P — Tests Using the J68392A Test Set — 27B or 28B Integrated Circuit Replacement
415-410-507	2	Hot Standby or Hot Standby/Space Diversity — RF Switch Test and Replacement
415-410-508	1	Receiver Space Diversity — Diversity Switch
415-410-511	1	Impulse Noise Troubleshooting
415-410-512	3	Fade Margin Tests Using J68492A Test Set
415-410-513	1	Common Equipment Test Cross — Polarization Discrimination Test
415-410-520	1	J68386J, K, L, M, N and P — Transmitter and Receiver Tests Using the J68392A Test Set IF Return-Loss Measurement
415-410-521	1	J68386J, K, L, M, N, and P — Receiver Noise Figure Test Using the J68392A Test Set

415-5 Transmitter-Receiver Bays

Overall Transmitter Tests

415-501-500	7	J68386J, K, L, M, N, and P — Overall Receiver Tests Using the J68428A Test Set
415-501-501	6	J68386J, K, L, M, N, and P — Overall Transmitter Tests Using the J68428A Test Set

Common Equipment Tests

415-510-500	4	J68386J, K, L, M, N, and P — Using the J68428A Test Set — J68387R-2 Microwave Generator
415-510-501	1	J68387W 40-MHz Oscillator and Shift Modulator
415-510-502	2	J68386J, K, L, M, N, and P — Using the J68428A Test Set — Receiver Modulator — IF Preamplifier
415-510-504	2	J68387U IF Driver Amplifier— Transmitter Modulator — Transmitter-Receiver Bays
415-510-505	1	Transmitter Amplifier
415-510-506	1	J68386J, K, L, M, N, and P — Tests Using the J68428A Test Set — 27B or 28B Integrated Circuit Replacement
415-510-507	2	Hot Standby or Hot Standby/Space Diversity — RF Switch Test and Replacement
415-510-508	1	Receiver Space Diversity — Diversity Switch
415-510-511	1	Transmitter-Receiver Bays — Common Equipment Tests — Impulse Noise Troubleshooting
415-510-512	2	Fade Margin Tests Using J68428A Test Set
415-510-513	1	Transmitter-Receiver Bays — Common Equipment Tests — Cross-Polarization Discrimination Test
415-510-520	2	J68386J, K, L, M, N, and P Transmitter- Receiver Bays — Transmitter and Receiver Tests Using the J68428A Test Set — IF Return-Loss Measurement
415-510-521	1	J68386J, K, L, M, N, and P — Receiver Noise Figure Test Using the J68428A Test Set

415-6 Hot Standby/Space Diversity

Overall Switching

415-600-500	1	General
415-600-501	2	Tests
415-600-502	1	Testing and Replacement of the J68434B Pilot Detector

415-8 Antenna Arrangement

415-802-302	1	Waveguide-Antenna System Restoration — General

Division 416

TN-1 Microwave Radio

416-0 Index and Equipment Test List

416-1 End-to-End Baseband Protection Switching

416-2 End-to-End IF Protection Switching

416-3 Hot Standby/Space Diversity Systems

416-5 Transmitter-Receiver Panel

Number	Issue	Subject
416-0 Index and Equipment Test List		
416-000-000	33	Numerical Index — Division 416 — TN-1 Microwave Radio
416-001-011	3	ETL — TN-1 Radio
416-099 Customer Information Releases (CIRs)		
❑ 416-099-001MG	1	24-Hour Emergency Replacement Service for 581 Integrated Circuits - TN-1 Radio Systems, Transmission Systems
416-099-002IR	1	Discontinued Availability of TN-1 and TN-1A Microwave Radio Systems, Transmission Systems
416-1 End-to-End Baseband Protection Switching		
416-100-100	2	Description
416-100-301	1	System Operation — Initial Line-up of Channels
416-100-500	2	General Test Information
416-100-501	1	System Tests — Envelope Delay Distortion
416-100-502	1	System Tests — Channel Net Gain and Baseband Response
416-100-503	2	System Tests — Thermal Noise and Spurious Tones
416-100-504	1	Test Information — Noise Loading
416-100-505	1	System Tests — Differential Phase and Gain
416-100-506	2	System Tests — Receiver Input Power
416-2 End-to-End IF Protection Switching		
416-200-100	1	Description
416-200-301	1	System Operation — Initial Line-up of Channels
416-200-500	4	General System Tests
Addendum	1	
416-200-501	1	System Tests — Envelope Delay Distortion
416-200-502	1	System Tests — Channel Net Gain and Baseband Response
416-200-503	1	System Tests — Thermal Noise and Spurious Tones
416-200-504	2	Test Information — Noise Loading
416-200-505	1	System Tests — Differential Phase and Gain
416-200-506	1	System Tests — Receiver Input Power
416-3 Hot Standby/Space Diversity Systems		
416-300-100	2	System Description
416-300-301	1	System Operation — Initial Line-up of Channels
416-300-302	1	Operation — J68434A Switch Control Unit
416-300-500	2	General Test Information
416-300-506	1	Receiver Input Power
416-5 Transmitter-Receiver Panel		
Addendum	1	
416-500-100	1	Description
416-500-301	1	Operation — Turnon and Turnoff Procedures
416-500-500	1	Tests — General
416-500-501	1	Tests — Level Diagrams
416-500-502	3	Tests — In-Service Checks
416-500-504	2	Alarm and Meter Panel Test
416-500-505	1	Tests — IF Return Loss
416-510-500	3	Receiver Tests — Overall Transmission
416-510-501	1	Receiver Tests — Receiver Modulator — IF Preamplifier
Addendum	1	
416-510-502	1	Receiver Tests — IF Main Amplifier

Number	Issue	Subject
416-510-503	4	Receiver Tests — Local Oscillator
416-510-504	2	Receiver Tests — AM Noise Figure
416-510-505	1	Receiver Test — Testing and Replacing 295A IF Switch and 295D Baseband Switch
416-520-500	4	Transmitter Tests — Overall Power Level
416-520-501	1	Transmitter Tests — IF Limiter-Driver Amplifier/Transmitter Modulator
416-520-502	2	Transmitter Tests — Transmitter Amplifier System
416-520-503	4	Transmitter Tests — Local Oscillator
416-520-504	1	Transmitter Tests — Testing and Replacing RF Switch and 337A Relay
416-520-505	2	TN-1A Transmitter — Transmitter Adjustments

Division 417

3A-Radio Digital Systems

417-0 Index

417-1 3A-RDS

Number	Issue	Subject
417-0 Index		
417-000-000	19	Numerical Index — Division 417 — 3A-Radio Digital Systems
417-1 3A-RDS		
417-001-011	3	ETL — Microwave Radio
417-100-100	1	System Description
417-100-301	2	System — Initial Lineup
417-100-500	1	System — General Maintenance
417-100-501	3	System — Tests
417-101-100	1	Radio Line Terminating Frame — Description
417-101-301	2	Radio Line Terminating Frame — Initial Lineup or Channel Addition
417-101-500	2	Radio Line Terminating Frame — General Maintenance
417-101-501	2	Radio Line Terminating Frame — Tests
417-102-100	1	1X1 Radio Line Terminating Arrangement — Description
417-102-301	2	Radio Line Terminating Arrangement — Initial Lineup
417-102-500	2	Radio Line Terminating Arrangement — General Maintenance
417-102-501	2	Radio Line Terminating Arrangement — Tests
417-103-100	1	Radio Digital Terminal — Description
417-103-101	1	Performance Monitor — Description
417-103-102	1	Auxiliary Channel Equipment — Service Channel Patch and Access Panel (SCRAP) — Description
417-103-301	2	3A Radio Digital Terminal — Initial Lineup
417-103-500	2	3A Radio Digital Terminal — General Maintenance
417-103-501	2	3A Radio Digital Terminal — Tests
417-104-100	1	3A Radio Digital Terminal Regenerator — Description
417-104-301	2	3A Radio Digital Terminal (3A-RDT) Regenerator — Initial Lineup
417-104-500	2	3A Radio Digital Terminal (3A-RDT) Regenerator — General Maintenance
417-104-501	2	3A Radio Digital Terminal (3A-RDT) Regenerator — Tests
Addendum	1	
417-105-100	1	Portable Test Terminal — Description, Operation, and Tests
417-106-100	1	Auxiliary Channel Equipment — Descriptions
417-106-301	2	Auxiliary Channel Equipment — Terminal and Multiplex Equipment — Initial Lineup
417-106-500	2	Auxiliary Channel Equipment — Terminal and Multiplex Equipment — General Maintenance
417-106-501	2	Auxiliary Channel Equipment — Terminal and Multiplex Equipment — Tests

Division 419

AR 6A Single-Sideband Microwave Radio System

419-0 Index and Equipment Test List

419-1 Overall System

419-2 Protection Switching Systems (500A, 501A)

419-3 Transmitter-Receiver Bay and Support Bay

Number	Issue	Subject
419-0 Index and Equipment Test List		
419-000-000	13	Numerical Index — Division 419 — AR 6A Single-Sideband Microwave Radio System
419-001-011	1	Equipment Test List
010-099 Customer Information Release (CIR)		
❑ 419-099-001 IR	1	Discontinued Availability of AR6A Single Sideband Radio and Associated Equipment, Transmission Systems

Number	Issue	Subject
419-1 Overall System		
419-100-100	1	Description
▲419-100-500	1	Maintenance Procedures
419-2 Protection Switching Systems (500A, 501A)		
419-200-100	1	500A — Description
419-200-101	1	501A — Description
▲419-200-500	2	Maintenance Procedures
419-3 Transmitter-Receiver Bay and Support Bay		
419-300-100	1	Description
Addendum	1	
▲419-300-500	3	Maintenance Procedures

Division 420

Microwave Radio — Common Equipment

420-0 Index and Equipment Test Lists
- -000 Index
- -001 Equipment Test Lists

420-2 FM Terminals
- -210 3A FM Transmitter
- -211 3A FM Receiver
- -213 4-Type FM Terminals
- -214 4-Type FM Transmitters
- -215 4-Type FM Receiver
- -216 5A FM Terminal BB Modem
- -217 5A FM Terminal IF Deviation Shifter

420-3 Auxiliary Systems
- -300 J68422 Frequency Diplexed Auxiliary Channel
- -301 Auxiliary Channel Switching System
- -302 J68422C Auxiliary Channel Modulating/Demodulating Panel
- -304 16A Modulator
- -305 IF Entrance Link
- -306 J68415A Heterodyne Auxiliary Channel
- -307 Radio Protection Monitor

420-5 Portable Microwave Repeater

420-6 Switching
- -600 Data Tests
- -610 100A Protection Switching System
- -611 IF Equipment Tests
- -612 Initiator Tests
- -613 Receiving Logic Plug-in Units
- -614 Transmitting Logic Plug-in Units
- -615 Auxiliary Station Logic Plug-in Units
- -616 Voice-Frequency Circuit Plug-in Units
- -617 J68381E Exerciser Logic Plug-in Units
- -618 Miscellaneous Equipment
- -620 400A Protection Switching System
- -630 200A Protection Switching System
- -635 J68457A 1X1 Protection Switching System
- -650 300A Protection Switching System
- -660 400B Protection Switching System
- -670 401B Protection Switching System
- -680 400D Protection Switching System
- -684 400H Protection Switching System
- -685 401H Protection Switching System

420-7 Maintenance Center
- -701 3-Type FM Terminal — J68381DL Amplifier-Limiter
- -702 3-Type FM Terminal — J68383C or J68383P Deviator
- -703 3-Type FM Terminal — J68383D Control Unit
- -704 3-Type FM Terminal — J68383E IF Main Amplifier
- -705 3-Type FM Terminal — J68383F Baseband Amplifier
- -706 3-Type FM Terminal — J68383G Monitor Unit
- -707 3A FM Terminal — J68383H Limiter-Amplifier
- -708 3-Type FM Terminal — J68383L Limiter-Amplifier
- -709 3-Type FM Terminal — J68383J and J68383U Discriminator Baseband
- -710 3B FM Terminal — J68383S Control Unit
- -712 3-Type FM Terminal

420-8 Ancillary Equipment

Number	Issue	Subject
420-0 Index and Equipment Test Lists		
420-000 Index		
420-000-000	23	Numerical Index — Division 420 — Microwave Radio — Common Equipment
420-001 Equipment Test Lists		
420-001-011	10	FM Terminals
420-001-012	1	Auxiliary Systems
420-001-013	1	Protection Switching
420-2 FM Terminals		
420-210 3A FM Transmitter		
Description		
Addendum	1	
420-210-100	1	Description

Number	Issue	Subject
420-210-301	1	Placement In and Removal From Service
Tests		
420-210-500	2	General
420-210-501	2	In-Service Checks
420-210-502	4	IF and Oscillator Rest Frequencies
420-210-503	2	Square-Wave Response
420-210-504	2	IF Output and Frequency Response
420-210-505	2	Linearity
Addendum	1	
420-210-506	2	Deviation Sensitivity
420-210-507	2	Frequency Response and Monitor Gain Adjustments
420-210-508	2	Alarm Circuit Adjustments
420-210-509	1	Fluctuation Noise and Spurious Tone Measurements
420-210-510	1	Oven Temperature Control Circuit — Performance Checks
420-210-511	1	Control Unit — Performance Checks
420-210-512	1	-20 Volt Regulator — Performance Checks

420-211 3A FM Receiver

Description		
420-211-100	1	Description
420-211-301	1	Placement In and Removal From Service
Tests		
420-211-500	2	General
420-211-501	1	In-Service Checks
420-211-502	1	Square-Wave Response
Addendum	1	
420-211-503	2	Gain, Frequency Response, Limiting Action, and Alarm Circuit Adjustments
420-211-504	2	Linearity
420-211-505	2	Fluctuation Noise and Spurious Tone Measurements
420-211-506	1	Alarm Relays — Performance Checks

Number	Issue	Subject

420-213 4-Type FM Terminals

420-213-500	2	Description and Maintenance — J68418C Portable Housing

420-214 4-Type FM Transmitters

Description		
Addendum	1	
420-214-100	2	Description
420-214-301	3	Placement In and Removal From Service
Tests		
420-214-500	2	General
420-214-501	3	In-Service Checks
Addendum	1	
420-214-502	3	Rest Frequency, Output Level, and Deviation Sensitivity
420-214-503	3	IF Flatness, Linearity, and Delay
420-214-504	3	Tests—Baseband Gain-Frequency Response
420-214-505	3	Fluctuation Noise and Spurious Tone Measurements
420-214-506	3	Square-Wave Response

420-215 4-Type FM Receiver

420-215-100	2	Description
420-215-301	2	Placement In and Removal From Service
Tests		
420-215-500	3	General
420-215-501	2	In-Service Checks
420-215-502	4	FM Terminal — Square-Wave Response Test
420-215-503	3	Gain, Frequency Response, and Limiting Action
420-215-504	4	Linearity
420-215-505	4	Fluctuation Noise and Spurious Tone Measurements

420-216 5A FM Terminal BB Modem

420-216-100	1	Description
420-216-301	1	Placement In and Removal From Service

Number	Issue	Subject
420-216-500	1	Tests — General
420-216-501	2	In-Service Tests
420-216-502	1	J68418F — Rest Frequency, Output Level, and Deviation Sensitivity
Addendum	1	
420-216-503	1	J68418F — Transmitter — IF Flatness, Linearity, and Delay
420-216-504	1	J68418F — Receiver Linearity and Delay
420-216-505	2	Gain, Frequency Response, and Limiting Action
420-216-506	2	Fluctuation Noise and Spurious Tone Measurements
420-216-507	1	Square-Wave Response
420-216-508	1	Pilot Detector Tests
420-216-509	1	J68418F — Linearity and Delay Tests

420-217 5A FM Terminal IF Deviation Shifter

420-217-100	1	Description
420-217-301	1	Placement In and Removal From Service
420-217-500	1	Test — General
420-217-501	1	In-Service Tests
420-217-502	2	J68418G — Output Level, Rest Frequency, and Deviation Sensitivity
Addendum	1	
420-217-503	1	J68418G — IF Deviation Shifter — Transmitter — IF Flatness, Linearity, and Delay
420-217-504	1	J68418G — IF Deviation Shifter — Receiver Linearity and Delay
420-217-505	2	Gain, Frequency Response, and Limiting Action
420-217-506	2	Fluctuation Noise and Spurious Tone Measurements
420-217-507	1	Square-Wave Response
420-217-508	2	J68418G — IF Deviation Shifter — Baseband Protection Circuit

Number	Issue	Subject

420-3 Auxiliary Systems

420-300 J68422 Frequency Diplexed Auxiliary Channel

Description		
420-300-100	1	Overall System
420-300-101	1	J68422C Modulating/Demodulating Panel
420-300-102	1	J68422E — 19 Volt Regulator, 263A Amplifier, and 1030A Filter Panel
420-300-103	1	16A Modulator
420-300-104	1	Farinon* Multiplex Service Channel
420-300-106	2	Auxiliary Channel Switching
Tests		
420-300-500	1	General Test Information and Level Diagrams
420-300-501	2	Service Channel Tests — Terminals
420-300-502	1	Service Channel Tests — Repeaters

420-301 Auxiliary Channel Switching System

Operation		
420-301-300	1	Operation
Tests		
420-301-500	1	General
420-301-501	2	Terminal Station
420-301-502	1	Repeater Station

420-302 J68422C Auxiliary Channel Modulating/Demodulating Panel

Tests		
420-302-500	1	Maintenance

420-304 16A Modulator

420-304-500	1	Removal and Replacement

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Number	Issue	Subject
420-305 IF Entrance Link		
420-305-000	2	Description, Operation, and Maintenance
420-306 J68415A Heterodyne Auxiliary Channel		
420-306-100	2	Description
420-306-500	3	Tests
420-307 Radio Protection Monitor		
420-307-101	1	J68455A-1 100A — Description, Operation, and Maintenance
420-5 Portable Microwave Repeater		
420-501-100	1	Farinon (PMR4000) — Description, Operation, and Maintenance
420-502-100	1	Hewlett-Packard 4 GHz (83001A) — Description, Operation, and Maintenance
420-6 Switching		
420-600 Data Tests		
420-600-302	1	Protection Switching Systems — Registers — Recording and Analysis
420-600-501	2	Long-Haul Radio System Data Trouble — Location Tests for 1A Radio Digital System (1A RDS)
420-610 100A Protection Switching System		
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420-610-100	5	Overall System
420-610-101	2	IF Switches
420-610-102	2	J68381BK and J68381EG IF Amplifiers
420-610-103	3	J68381BT/DP/DW/EA Protection Carrier Supplies
420-610-104	3	J68381BG/DN/EF Channel Initiators
420-610-105	3	J68381BH/DM/DY/EB/FG Protection Pilot Detectors
420-610-106	1	General Logic Circuits
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420-610-107	1	Receiving Logic
Addendum	1	
420-610-108	1	Transmitting Logic
420-610-109	1	Auxiliary Station Logic
Addendum	1	
420-610-110	1	Voice Frequency Circuits
420-610-111	2	Controls, Indications, and Alarms
Addendum	1	
420-610-112	1	J68381E Exerciser
420-610-113	1	Power
420-610-114	1	DC Translator
420-610-115	2	J68381DJ IF Amplifier-Limiter Circuit and J68381EH IF Amplifier With Squelch
420-610-116	1	J68389AC IF Amplifier
420-610-120	1	Simplified 1X1 System
420-610-121	1	Combined System
420-610-122	1	Split System
420-610-125	1	100A/400A Overbuild System
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420-610-300	6	System Operation
420-610-302	1	Description, Operation, and Maintenance — Register Circuits
System Tests		
420-610-500	1	General
420-610-502	10	J68381B Receiving IF Switch Bay
420-610-503	3	J68381C Receiving Control Bay
420-610-504	5	J68381A Transmitting IF Switch and Control Bay
420-610-505	2	J68381D Auxiliary Station IF Switch and Control Bay
420-610-506	5	Overall System
420-610-507	3	J68389A IF Equalization and Amplifier Bay
420-610-510	2	1 X 1 Simplified Switching System
420-610-511	4	1X11 — J68381B Receiving IF Switch Bay
420-610-512	2	1X11 — J68381C Receiving Control Bay
420-610-513	2	1X11 — J68381A Transmitting IF Switch and Control Bay
420-610-515	2	1 X 11 — Overall System

Number	Issue	Subject
420-610-516	1	1X11 J68389A IF Equalization and Amplifier Bay

420-611 IF Equipment Tests

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Addendum	1	
420-611-501	3	J68381BK, J68381EG, and J68389AC IF Amplifiers
420-611-502	2	J68381BJ/EJ IF Switch Control Unit
420-611-503	3	J68381BH/DM/DY/EB/FG Protection Pilot Detector Circuit
420-611-504	4	J68381BT/DP/DW/EA Protection Carrier Supply
420-611-505	2	8A, 8B, and 14A Gates
Addendum	1	
420-611-506	3	J68381DJ IF Amplifier-Limiter Circuit and J68381EH IF Amplifier With Squelch

420-612 Initiator Tests

Addendum	1	
420-612-501	3	J68381DN/BG/EF Channel Initiator — 100A Protection Switching System

420-613 Receiving Logic Plug-in Units

420-613-500	2	General
Addendum	1	
420-613-501	1	Tests

420-614 Transmitting Logic Plug-in Units

420-614-500	2	General
420-614-501	1	Tests

420-615 Auxiliary Station Logic Plug-in Units

420-615-500	1	General
420-615-501	1	Tests

420-616 Voice-Frequency Circuit Plug-in Units

420-616-500	1	General
420-616-501	1	Tests

Number	Issue	Subject

420-617 J68381E Exerciser Logic Plug-in Units

420-617-500	2	General
420-617-501	2	Tests

420-618 Miscellaneous Equipment

420-618-500	1	General
420-618-501	2	Tests

420-620 400A Protection Switching System

Description		
420-620-100	3	Overall System
420-620-101	2	Basic System
420-620-102	1	100A/400A Overbuild System
420-620-103	1	IF Intermix
420-620-104	1	Manual Controls, Indications, and Alarms
420-620-106	1	J68429P IF Amplifier
420-620-107	2	J68429S Protection Carrier Supply
420-620-108	2	J68429K/L Channel Initiators
420-620-109	1	J68429R IF Level Detector
420-620-110	1	295-Type Switches
420-620-115	1	General Logic Circuits
420-620-116	4	Receiving Logic
420-620-117	1	J68429F Receiving Channel Control Circuit
420-620-118	1	J68429G Receiving Protection Channel Control Circuit
420-620-119	1	J68429H Receiving Access Protection Switch Control Circuit
420-620-120	1	Description, Operation, and Maintenance — Simplified System
420-620-125	1	VF Control Signaling Facilities
420-620-126	1	ED-51903 VF Tone Oscillator and Logic
420-620-127	1	ED-51904 VF Summing Amplifier
420-620-128	1	ED-51905 VF Order-Tone Detector and Logic Unit
420-620-129	1	ED-51906 VF Continuity Tone Detector and Logic Circuit
420-620-130	1	ED-51926 VF Guard Tone, Noise Detector and Logic Circuit
420-620-131	1	ED-51927 VF AGC Amplifier
420-620-135	3	Transmitting Logic Circuits

Number	Issue	Subject
420-620-136	1	J68429M Transmitting Regular Channel Control Circuit
420-620-137	1	J68429N Transmitting Protection Channel Control Circuit
420-620-138	1	J68429J Transmitting Access Protection — Switch Control Circuit
420-620-140	1	100A/400A Overbuild Circuits
420-620-141	1	400A Add-Drop System — Description, Operation and Maintenance
420-620-145	1	ED-51900 (AT), ED-51901 (ID), and ED- 51902 (RD) Relay Units
420-620-146	1	J68429T Remote Key and Lamp Panel
420-620-147	1	Description, Operation, and Maintenance — Register Circuits
420-620-150	1	J68429W Exerciser
420-620-155	2	Power
420-620-300	3	System Operation
420-620-301	1	Putting Into Service
420-620-302	1	Transmitting IF Switch and Control Bay — Performance Requirements
420-620-303	2	Receiving IF Switch and Control Bay — Performance Requirements
420-620-304	2	Supplementary IF Switch and Control Bay — Performance Requirements
420-620-305	2	J68429D IF Switch and Control Bay — Performance Requirements
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420-620-500	2	General
420-620-501	6	Overall System
420-620-502	5	J68429A Transmitting IF Switch and Control Bay
420-620-503	8	J68429B Receiving IF Switch and Control Bay
420-620-504	7	J68429C Supplementary IF Switch and Control Bay
420-626-500	3	Troubleshooting
420-628-000	1	401A — Description, Operation, and Maintenance
420-629-000	1	401C — Description, Operation, and Maintenance

Number	Issue	Subject
420-630 200A Protection Switching System		
Description		
420-630-100	4	Overall System
420-630-101	5	FM Terminal Transmitter and Wire-Line Entrance Link Switching
420-630-102	5	Description — FM Terminal Receiver and Wire-Line Entrance Link Switching
420-630-103	4	FM Terminal Transmitter and WLEL Switching — Automatic and Manual Control Circuits
420-630-104	4	Description — FM Terminal Receiver and WLEL Switching — Automatic and Manual Control Circuits
420-630-105	2	Indications, Alarms, and Alarm Circuits
420-630-106	3	Sensor Circuits
420-630-107	2	Monitoring and Test Facilities
420-630-108	2	Power and Power Distribution
420-630-109	2	J68389AA IF Amplifier
Operation		
420-630-300	5	Operation — Overall System
Tests		
420-630-500	7	Tests — Overall System
420-630-501	2	FM Terminal Transmitter and Wire-Line Entrance Link Switching Tests — Automatic and Manual Control Circuits
420-630-502	2	FM Terminal Receiver and Wire-Line Entrance Link Switching Tests — Automatic and Manual Control Circuits
420-630-503	5	J68381BK, J68381EG, J68389AA, and J68389AC IF Amplifiers
420-630-504	3	J68382H FM Receiver
420-630-505	6	Tests — J68382E Baseband Amplifier- Rectifier
420-630-506	3	J68398P Metering Circuit
420-630-507	2	J87252C Voltage Regulator
420-635 J68457A 1X1 Protection Switching System		
420-635-000	1	Description, Operation, and Maintenance

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420-650 300A Protection Switching System		
420-650-100	3	Description
420-650-300	2	Operation
420-650-500	2	System Tests — General
420-650-501	2	System Tests — Transmitting End
420-650-502	3	System Tests — Receiving End
420-660 400B Protection Switching System		
420-660-100	1	Description
420-660-101	1	Manual Controls, Indications, and Alarms
420-660-102	1	Baseband Transmission
420-660-110	1	Overall System Logic
420-660-111	1	Receiving Logic — Description
420-660-112	1	J68437D Receiving Regular Channel Control Unit — Description
420-660-113	1	J68437F Receiving Protection Channel Control Unit — Description
420-660-115	2	VF Control Signaling Facility — Description
420-660-116	1	VF Tone Oscillator and Logic Unit — Description
420-660-117	1	VF Summing Amplifier — Description
420-660-118	1	VF Order-Tone Detector and Logic Unit — Description
420-660-119	1	Description — VF Continuity Tone Detector and Logic Circuit
420-660-120	1	VF Guard Tone, Noise Detector and Logic Circuit — Description
420-660-121	1	VF AGC Amplifier Description
420-660-125	1	Description — Transmitting Logic
420-660-126	1	J68437J Transmitting Regular Channel Control Unit — Description
420-660-127	1	J68437H Transmitting Protection Channel Control Unit — Description
420-660-130	1	ED-51900 (AT), ED-51901 (ID), and ED- 51902 (RD) Relay Units — Description
420-660-131	1	J68437M Remote Key and Lamp Panel — Description
420-660-135	1	J68437L Exerciser Description
420-660-140	2	Digital Control Signaling Facility — Description
420-660-141	1	Encoding Units Description
420-660-142	1	Decoding Unit Description
420-660-143	1	ED-52173-30 Remote Manual Switch Control — Description
420-660-145	1	Power Circuits — Description
420-660-300	1	System Operation
420-660-301	1	Placing in Service
420-660-500	1	System Tests — General
420-660-501	1	System Tests — Overall System Routines
420-660-502	2	System Tests — J68437A Bay Tests
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420-667-500	1	System Tests — Troubleshooting
420-670 401B Protection Switching System		
420-670-100	1	Description
420-670-101	1	Description — Manual Controls, Indications, and Alarms
420-670-110	1	Description — Logic Circuits
420-670-300	1	Operation
420-670-301	1	Putting Into Service
420-670-500	1	System Tests — General
420-670-501	1	System Tests — Overall System
420-671-500	1	System Tests — Troubleshooting
420-680 400D Protection Switching System		
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420-680-115	1	Description — Exerciser
420-680-120	1	Simplified 1X1 System
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420-684 400H Protection Switching System		
Description		
420-684-100	2	Overall System

Number	Issue	Subject
420-684-101	2	Manual Controls, Indications, and Alarms
420-684-102	2	Signaling
420-684-106	1	Channel Control Circuits
420-684-110	1	Switches
420-684-120	1	Exerciser
420-684-130	1	Description, Operation and Maintenance — Simplified 1X1 System
420-684-300	2	System Operation
420-684-301	1	Placing Into Service
420-684-302	1	Performance Requirements
420-684-500	1	System Tests — General
420-684-501	1	System Tests — Overall System
420-684-502	1	System Tests — Troubleshooting
420-685 401H Protection Switching System		
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420-701 3-Type FM Terminal — J68381DL Amplifier-Limiter		
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420-703 3-Type FM Terminal — J68383D Control Unit		
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420-704 3-Type FM Terminal — J68383E IF Main Amplifier		
420-704-501	1	J68383E IF Main Amplifier
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420-705 3-Type FM Terminal — J68383F Baseband Amplifier		
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420-705-502	1	Baseband Response and Gain Range
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420-706-507	2	Square-Wave Response
420-706-508	1	Frequency Alarm
420-706-509	1	Level Alarm
420-706-510	1	Troubleshooting
420-707 3A FM Terminal — J68383H Limiter-Amplifier		
420-707-501	1	Return Loss
420-707-502	1	Frequency Response, Gain, Limiter Action
420-707-503	1	Troubleshooting
420-708 3-Type FM Terminal — J68383L Limiter-Amplifier		
420-708-501	2	Return Loss
420-708-502	1	Frequency Response, Gain, Limiter Action
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420-709-501	1	Return Loss
420-709-502	1	IF Frequency Response
420-709-503	1	High- and Low-Frequency Tank Circuit Adjustment
420-709-504	1	Discriminator Crossover and IF Trap Adjustment
420-709-505	1	Baseband Gain Range
420-709-506	1	Discriminator Linearity
420-709-507	1	Noise
420-709-508	1	Baseband Response
420-709-509	1	Square-Wave Response
420-709-510	1	Level Alarm
420-709-511	1	Troubleshooting
420-710 3B FM Terminal — J68383S Control Unit		
420-710-501	1	Troubleshooting
420-712 3-Type FM Terminal		
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420-810-500	1	System Tests — J68389A IF Equalization and Amplifier Bay

Division 421

FR/DR Microwave Radio Systems

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421-100-033	1	Discrete Alarm Reporting DR 6/11-135A and 135EC — Alarm Analysis Procedures
421-100-034	1	Discrete Alarm Reporting DR 6/11-135A and 135EC — Repair Verification and System Restoral
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421-100-060	1	DR6/11-135 Digital Radio Frequency Diversity — Discrete Telemetry — Maintenance Center Operation NOTE: Provides binder, tabs, and the documents listed below.
		421-100-004 421-100-010 421-100-012 421-100-032 421-100-033 421-100-034 421-100-035 421-100-037 421-100-038
421-100-080	1	Serial Alarm Reporting NOTE: Provides binder, tabs, and the documents listed below.
		421-100-010 421-100-011 421-100-016 421-100-017 421-100-018 421-100-019 421-100-020 421-100-021 421-100-032
421-100-090	1	Discrete Telemetry NOTE: Provides binder, tabs, and the documents listed below.
		421-100-010 421-100-013 421-100-016 421-100-021 421-100-032 421-100-044 421-100-043 421-100-047 421-100-048

421-101 1xN Frequency Diversity — Operation and Maintenance — Maintenance Support

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421-101-001	1	Maintenance Support — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.
		421-101-002 421-101-003 421-101-004 421-101-006 421-101-007 421-101-008 421-101-009 421-101-010 421-101-011 421-101-012 421-101-013 421-101-014 421-101-015 421-101-017 421-101-018 421-101-020 421-101-022 421-101-023 421-101-024 421-101-025 421-101-028 421-104-021 421-104-026
421-101-002	3	Document Contents List for AT&T 421-101-001
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421-101-006	2	General
421-101-007	3	Terminal
Addendum	1	
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Addendum	1	
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Equipment Identification

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421-101-017	3	Special Replacement Procedures
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421-101-024	3	Phase Plane Display Diagnosis
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421-101-028	1	DADE (Differential Absolute Delay Equalization)
421-101-042	3	Terminal — Description
Addendum	1	
421-101-043	2	Regenerator — Description
421-101-044	3	Circuit Packs — Description
Addendum	2	
421-101-045	2	Terminal — Equipment Identification
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421-101-046	2	Regenerator — Equipment Identification
421-101-047	3	Controls, Jacks, Indications, and Options
421-101-060	1	Maintenance Support — 135EC NOTE: Provides binder, tabs, and the documents listed below.

421-101-003 421-101-004
421-101-005 421-101-006
421-101-009 421-101-011
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421-101-022 421-101-023
421-101-024 421-101-025
421-101-028 421-101-042
421-101-043 421-101-044
421-101-045 421-101-046
421-101-047 421-104-021
421-104-026

421-102 Frequency Diversity — Operation and Maintenance — Terminal Station

Number	Issue	Subject
421-102-001	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.

421-102-002 421-102-003
421-102-004 421-102-010
421-102-011 421-102-012
421-102-018 421-102-020
421-102-021 421-102-022
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Number	Issue	Subject
■ 421-102-001AC	1	TWT Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below.

421-102-003 421-102-004
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421-102-002	3	General
■ 421-102-002AC	3	Solid-State Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below.

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421-102-011 421-102-012
421-102-013 421-102-014
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421-102-023 421-102-024
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421-102-062 421-102-063
421-102-080AC 421-102-081AC
421-102-082AC 421-102-083AC
421-102-085AC 421-102-086AC
421-102-087AC

421-102-003	5	Document Introduction for AT&T 421-102-001, -001AC, -002AC, and -080
■ 421-102-003AC	1	TWT Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.

421-102-003 421-102-009
421-102-010 421-102-011
421-102-015 421-102-016
421-102-017 421-102-018
421-102-020 421-102-021
421-102-022 421-102-023
421-102-024 421-102-025
421-102-026 421-102-027
421-102-028 421-102-030
421-102-031 421-102-032
421-102-033 421-102-042
421-102-043 421-102-044
421-102-045 421-102-046
421-102-047 421-102-049
421-102-060 421-102-061
421-102-062 421-102-080AC
421-102-081AC 421-102-083AC
421-102-084AC 421-102-086AC
421-102-088AC 421-102-089AC
421-102-090AC

Number	Issue	Subject
421-102-004	2	System Operations
■ 421-102-004AC	1	Solid-State Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.

421-102-003 421-102-009
421-102-010 421-102-011
421-102-013 421-102-014
421-102-015 421-102-016
421-102-017 421-102-018
421-102-020 421-102-021
421-102-022 421-102-023
421-102-024 421-102-025
421-102-026 421-102-028
421-102-035 421-102-038
421-102-042 421-102-043
421-102-044 421-102-045
421-102-046 421-102-047
421-102-048 421-102-052
421-102-060 421-102-062
421-102-063 421-102-080AC
421-102-081AC 421-102-083AC
421-102-086AC 421-102-087AC
421-102-088AC 421-102-089AC
421-102-091AC

421-102-005	2	Document Contents List for AT&T 421-102-080
■ 421-102-005AC	2	Document Contents List for AT&T 421-102-001AC
Addendum	1	
421-102-006	3	Document Contents List for AT&T 421-102-090
■ 421-102-006AC	1	Document Contents List for AT&T 421-102-002AC
Addendum	1	
421-102-007	3	Document Contents List for AT&T 421-102-100
Addendum	1	
421-102-009	1	Terminal Station Operations
421-102-010	1	Maintenance Introduction
Addendum	1	
421-102-011	3	Station Alarm Trouble Isolation
421-102-012	3	Service Protection
421-102-013	2	Solid State Amplifier —DC Power Diagnosis
421-102-014	2	RF Power Alarm
Addendum	1	
421-102-015	2	Terminal Trouble Isolation

Number	Issue	Subject
Addendum	1	
421-102-016	3	DC Power Alarm
421-102-017	1	Service Protection
Radio Receiver Trouble Isolation		
421-102-020	4	DR 6/11-135A and 135EC — Radio Receiver Trouble Isolation
421-102-021	4	RF Preamplifier Alarm
421-102-022	3	DC Power Alarm
421-102-023	4	Generator Oven Alarm
421-102-024	3	IF Amplifier Alarm
421-102-025	3	Adaptive Equalizer Alarm
421-102-026	3	Combiner Alarm (Space Diversity Only)
421-102-027	3	0 Verification
421-102-028	6	DR 6/11-135EC Annual FCC Tests (9-94)
■ Supplement	1	Supplement to 421-102-029. HP11758T DRTS (Digital Radio Test System) Supplement Package.
421-102-029	4	Operation and Maintenance, Terminal Station 1xN Frequency Diversity, DR6/11-135EC, Station Procedures
Radio Transmitter Trouble Isolation		
421-102-030	2	General
421-102-031	3	DC Power Alarm
421-102-032	3	Generator Oven Alarm
421-102-033	3	RF Power Alarm
■ Supplement	1	Supplement to 421-102-034. HP11758T DRTS Supplement Package.
421-102-034	4	Operation and Maintenance, Terminal Station — 1xN Frequency Diversity, DR6/11-135ED, Terminal Procedures
421-102-035	2	Radio Transmitter Trouble Isolation
421-102-038	2	Generator Oven Alarm — Maintenance
421-102-039	2	Repair Verification — Maintenance

Number	Issue	Subject
Terminal Trouble Isolation		
421-102-040	1	General
421-102-041	2	DC Power Alarm
Addendum	1	
421-102-042	2	Fan Fail Alarm
Addendum	1	
421-102-043	3	Control System Alarm
Addendum	1	
421-102-044	2	Digital Receiver Alarm
Addendum	1	
421-102-045	2	Digital Transmitter Alarm
Addendum	2	
421-102-046	2	Excess Alarm
Addendum	1	
421-102-047	2	Signaling Fail Alarm
Maintenance		
421-102-048	3	Repair Verification
421-102-049	1	Transmitter Subroutines
Special Sections		
421-102-050	3	Repair Verification
421-102-051	4	DR6/11-135A Annual FCC Tests (9-94)
421-102-052	1	Transmitter Subroutines — Maintenance
Replacement Procedures		
Addendum	1	
421-102-060	3	Radio Receiver
Addendum	1	
421-102-061	3	Radio Transmitter
421-102-062	2	Terminal
421-102-063	1	Radio Transmitter
Tests and Adjustments		
421-102-070	4	Test Equipment and Accessories
421-102-071	3	Station Procedures
■ Supplement	1	Supplement to 421-102-072. HP11758T DRTS Supplement Package.
421-102-072	4	Radio Receiver Procedures
421-102-073	4	Radio Transmitter Procedures (6-92) Supplement to 421-102-073. HP11758T DRTS Supplement Package.

Number	Issue	Subject
Addendum	1	
421-102-074	3	Terminal Procedures
421-102-075	2	Glossary
■ Supplement	1	Supplement to 421-102-076. HP11758T DRTS Supplement Package.
421-102-076	3	Radio Transmitter Procedures
421-102-080	1	Solid-State Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below.

421-102-003	421-102-004
421-102-005	421-102-010
421-102-011	421-102-012
421-102-013	421-102-014
421-102-018	421-102-020
421-102-021	421-102-022
421-102-023	421-102-024
421-102-025	421-102-026
421-102-035	421-102-038
421-102-039	421-102-040
421-102-041	421-102-042
421-102-043	421-102-044
421-102-045	421-102-046
421-102-047	421-102-051
421-102-052	421-102-060
421-102-062	421-102-063
421-102-070	421-102-071
421-102-072	421-102-074
421-102-075	421-102-076

■ 421-102-080AC	2	Test Equipment and Accessories
■ 421-102-081AC	1	ME645A MRTS (Microwave Radio Test Set)
■ 421-102-082AC	2	Station Procedures
■ 421-102-083AC	2	Radio Receiver Procedures
■ 421-102-084AC	2	Radio Transmitter Procedures
■ Addendum AC	1	
■ 421-102-085AC	2	Terminal Procedures
■ 421-102-086AC	1	Glossary
■ 421-102-087AC	1	Radio Transmitter Procedures
■ 421-102-088AC	2	Terminal Procedures
■ Addendum AC	1	
■ 421-102-089AC	1	Station Procedures
421-102-090	1	TWT Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.

421-102-006	421-102-003
421-102-009	421-102-010
421-102-011	421-102-015
421-102-016	421-102-017
421-102-018	421-102-020
421-102-021	421-102-022
421-102-023	421-102-024
421-102-025	421-102-026
421-102-027	421-102-028
421-102-029	421-102-030
421-102-031	421-102-032
421-102-033	421-102-034
421-102-042	421-102-043
421-102-044	421-102-045
421-102-046	421-102-047
421-102-049	421-102-060
421-102-061	421-102-062
421-102-070	421-102-072
421-102-073	421-102-075

■ 421-102-090AC	3	Document Contents List for AT&T 421-102-003AC
■ 421-102-091AC	2	Document Contents List for AT&T 421-102-004AC
421-102-100	1	Solid-State Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.

421-102-007	421-102-003
421-102-009	421-102-010
421-102-011	421-102-013
421-102-014	421-102-015
421-102-016	421-102-017
421-102-018	421-102-020
421-102-021	421-102-022
421-102-023	421-102-024
421-102-025	421-102-026
421-102-028	421-102-029
421-102-034	421-102-035
421-102-038	421-102-042
421-102-043	421-102-044
421-102-045	421-102-046
421-102-047	421-102-048
421-102-052	421-102-060
421-102-062	421-102-063
421-102-070	421-102-072
421-102-075	421-102-076

421-103 Frequency Diversity — Operation and Maintenance — Regenerator Station

421-103-001	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.

421-102-018	421-102-020
421-102-021	421-102-022
421-102-023	421-102-024

Number	Issue	Subject
		421-102-025 421-102-026 421-102-030 421-102-031 421-102-032 421-102-033 421-102-042 421-102-047 421-102-049 421-102-060 421-102-061 421-102-070 421-102-072 421-102-073 421-102-075 421-103-002 421-103-003 421-103-004 421-103-010 421-103-011 421-103-012 421-103-040 421-103-041 421-103-043 421-103-044 421-103-045 421-103-046 421-103-050 421-103-051 421-103-062 421-103-071 421-103-074
■ 421-103-001AC	1	TWT Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below. 421-102-018 421-102-020 421-102-021 421-102-022 421-102-023 421-102-024 421-102-025 421-102-026 421-102-030 421-102-031 421-102-032 421-102-033 421-102-042 421-102-047 421-102-049 421-102-060 421-102-061 421-102-080AC 421-102-081AC 421-102-083AC 421-102-084AC 421-102-086AC 421-103-003 421-103-004 421-103-005AC 421-103-010 421-103-011 421-103-012 421-103-040 421-103-041 421-103-043 421-103-044 421-103-045 421-103-046 421-103-050 421-103-051 421-103-062 421-103-082AC 421-103-085AC
421-103-002	4	1XN — DR 6/11-135A — TWT Amplifier — Document Contents
■ 421-103-002AC	1	Solid-State Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below. 421-102-003 421-102-013 421-102-014 421-102-018 421-102-020 421-102-021 421-102-022 421-102-023 421-102-024 421-102-025 421-102-026 421-102-035 421-102-038 421-102-042
		421-102-047 421-102-052 421-102-060 421-102-063 421-102-080AC 421-102-081AC 421-102-083AC 421-102-086AC 421-102-087AC 421-103-004 421-103-006AC 421-103-010 421-103-011 421-103-012 421-103-040 421-103-041 421-103-043 421-103-044 421-103-045 421-103-046 421-103-051 421-103-052 421-103-062 421-103-082AC 421-103-085AC
■ 421-103-003AC	1	TWT Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below. 421-102-003 421-102-018 421-102-020 421-102-021 421-102-022 421-102-023 421-102-024 421-102-025 421-102-026 421-102-030 421-102-031 421-102-032 421-102-033 421-102-042 421-102-047 421-102-049 421-102-060 421-102-061 421-102-080AC 421-102-081AC 421-102-083AC 421-102-084AC 421-102-086AC 421-103-004 421-103-007AC 421-103-010 421-103-011 421-103-012 421-103-040 421-103-041 421-103-043 421-103-044 421-103-045 421-103-046 421-103-050 421-103-051 421-103-062 421-103-087AC 421-103-088AC
421-103-004	1	System Operations
■ 421-103-004AC	1	Solid-State Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below. 421-102-003 421-102-013 421-102-014 421-102-018 421-102-020 421-102-021 421-102-022 421-102-023 421-102-024 421-102-025 421-102-026 421-102-035 421-102-038 421-102-042 421-102-047 421-102-052 421-102-060 421-102-063 421-102-080AC 421-102-081AC 421-102-083AC 421-102-086AC

Number	Issue	Subject
		421-102-087AC 421-103-004 421-103-008AC 421-103-010 421-103-011 421-103-012 421-103-040 421-103-041 421-103-043 421-103-044 421-103-045 421-103-046 421-103-051 421-103-052 421-103-062 421-103-087AC 421-103-088AC
421-103-005	3	Document Contents List for AT&T 421-103-080
■ 421-103-005AC	3	Document Contents List for AT&T 421-103-001AC
Addendum	1	
421-103-006	3	Document Contents List for AT&T 421-103-090
■ 421-103-006AC	3	Document Contents List for AT&T 421-103-002AC
Addendum	1	
421-103-007	3	Document Contents List for AT&T 421-103-100
■ 421-103-007AC	3	Document Contents List for AT&T 421-103-003AC
421-103-008	2	Document Introduction for AT&T 421-103-003AC, -004AC, -090, and -100
■ 421-103-008AC	3	Document Contents List for AT&T 421-103-004AC
Regenerator Station		
421-103-010	1	Maintenance Introduction
Addendum	1	
421-103-011	3	Station Alarm Trouble Isolation
421-103-012	1	Service Protection
Addendum	1	
■ Supplement	1	Supplement to 421-103-013. HP11758T DRTS Supplement Package.
421-103-013	4	Regenerator Procedures
Regenerator Trouble Isolation		
Addendum	1	
421-103-040	2	Regenerator Trouble Isolation
Addendum	1	
421-103-041	3	DC Power Alarm
421-103-043	1	Control System Alarm
421-103-044	2	Digital Receiver Alarm
421-103-045	1	Digital Transmitter Alarm
Addendum	2	
421-103-046	2	Excess Alarm
Special Sections		
421-103-050	4	TWT Amplifier — Repair Verification
421-103-051	6	DR6/11-135A and -135EC Annual FCC Tests (9-94)
421-103-052	3	Solid-State Amplifier — Repair Verification
Replacement Procedures		
421-103-062	1	Regenerator
Tests and Adjustments		
421-103-071	3	Station Procedures
421-103-074	3	Regenerator Procedures
■ Supplement	1	Supplement to 421-103-076. HP11758T DRTS Supplement Package.
421-103-076	4	Regenerator Station — Station Procedures
421-103-080	1	Solid-State Amplifier — 135A NOTE: Provides binder, tabs, and the documents listed below.
		421-102-003 421-102-013 421-102-014 421-102-018 421-102-020 421-102-021 421-102-022 421-102-023 421-102-024 421-102-025 421-102-026 421-102-035 421-102-038 421-102-042 421-102-047 421-102-052 421-102-060 421-102-063 421-102-070 421-102-072 421-102-075 421-102-076 421-103-004 421-103-005 421-103-010 421-103-011 421-103-012 421-103-040 421-103-041 421-103-043 421-103-044 421-103-045 421-103-046 421-103-051 421-103-052 421-103-062 421-103-071 421-103-074
■ 421-103-082AC	2	Station Procedures
■ 421-103-085AC	2	Regenerator Procedures

Number	Issue	Subject
■ 421-103-087AC	1	Station Procedures
■ 421-103-088AC	1	Regenerator Procedures
421-103-090	1	TWT Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.

421-102-018 421-102-020
421-102-021 421-102-022
421-102-023 421-102-024
421-102-025 421-102-026
421-102-030 421-102-031
421-102-032 421-102-033
421-102-042 421-102-047
421-102-049 421-102-060
421-102-061 421-102-070
421-102-072 421-102-073
421-102-075 421-103-004
421-103-006 421-102-003
421-103-010 421-103-011
421-103-012 421-103-013
421-103-040 421-103-041
421-103-043 421-103-044
421-103-045 421-103-046
421-103-050 421-103-051
421-103-062 421-103-076

421-103-100	1	Solid-State Amplifier — 135EC NOTE: Provides binder, tabs, and the documents listed below.

421-102-013 421-102-014
421-102-018 421-102-020
421-102-021 421-102-022
421-102-023 421-102-024
421-102-025 421-102-026
421-102-035 421-102-038
421-102-042 421-102-047
421-102-052 421-102-060
421-102-063 421-102-070
421-102-072 421-102-075
421-102-076 421-103-004
421-103-007 421-102-003
421-103-010 421-103-011
421-103-012 421-103-013
421-103-040 421-103-041
421-103-043 421-103-044
421-103-045 421-103-046
421-103-051 421-103-052
421-103-062 421-103-076

Number	Issue	Subject

421-104 Hot Standby — Operation and Maintenance — Maintenance Support

421-104-001	1	Maintenance Support — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.

421-101-020 421-101-024
421-104-002 421-101-003
421-104-004 421-104-006
421-104-007 421-104-008
421-104-009 421-104-010
421-104-011 421-104-012
421-104-013 421-104-014
421-104-015 421-104-017
421-104-018 421-104-021
421-104-022 421-104-023
421-104-025 421-104-026
421-104-028

421-104-002	3	Document Contents List for AT&T 421-104-001
421-104-004	1	System Performance Diagnostics
421-104-006	1	General Description
Addendum	1	
421-104-007	1	Terminal — Description — 135A
Addendum	1	
421-104-008	1	Regenerator — Description — 135A
421-104-009	2	Radio — Description
Addendum	1	
421-104-010	2	Circuit Packs — Description — 135A
421-104-011	1	General Equipment Identification
Addendum	2	
421-104-012	1	Terminal — Equipment Identification — 135A
Addendum	2	
421-104-013	1	Regenerator — Equipment Identification — 135A
421-104-014	2	Radio — Equipment Identification
421-104-015	2	Controls, Jacks, Indications, and Options — 135A
Addendum	1	
421-104-017	1	Special Replacement Procedures
421-104-018	1	Route Diagrams

Number	Issue	Subject
Addendum	1	
421-104-021	3	Continuous Performance Monitoring
421-104-022	1	DS3 to DS3 Performance
421-104-023	1	Pseudo Error, CRC Error, and Frame Loss Event Monitoring
421-104-025	1	Radio Transmission Tests
421-104-026	2	Tests — DR/6
421-104-027	1	Tests — DR/11
421-104-028	1	DADE (Differential Absolute Delay Equalization)
421-104-040	3	Document Contents List for AT&T 421-104-060
Addendum	1	
421-104-042	1	DR6/11-135EC — Hot Standby — Terminal Description — Maintenance Support
Addendum	1	
421-104-043	1	DR6/11-135EC — Hot Standby — Regenerator Description — Maintenance Support
Addendum	1	
421-104-044	2	DR6/11-135EC — Hot Standby I(em Circuit Pack Descriptions — Maintenance Support
Addendum	2	
421-104-045	1	Terminal — Equipment Identification — 135EC
Addendum	2	
421-104-046	1	Regenerator — Equipment Identification — 135EC
421-104-047	2	Controls, Jacks, Indications, and Options — 135EC
421-104-060	1	Maintenance Support — DR6/11-135EC NOTE: Provides binder, tabs, and the documents listed below.

421-101-003 421-101-020
421-101-024 421-104-004
421-104-006 421-104-009
421-104-011 421-104-014
421-104-017 421-104-018
421-104-021 421-104-022
421-104-023 421-104-025
421-104-026 421-104-028
421-104-040 421-104-042
421-104-043 421-104-044
421-104-045 421-104-046
421-104-047

Number	Issue	Subject

421-105 Hot Standby — Operation and Maintenance — Terminal Station

421-105-001	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.

421-105-002 421-102-003
421-105-004 421-105-010
421-105-011 421-105-012
421-105-020 421-105-021
421-105-022 421-105-023
421-105-024 421-105-025
421-105-030 421-105-031
421-105-032 421-105-033
421-105-038 421-105-039
421-105-040 421-105-041
421-105-042 421-105-043
421-105-044 421-105-045
421-105-046 421-105-047
421-105-050 421-105-051
421-105-060 421-105-061
421-105-062 421-105-070
421-105-071 421-105-072
421-105-073 421-105-074
421-105-075

■ 421-105-001AC	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.

421-102-003 421-105-004
421-105-005AC 421-105-010
421-105-011 421-105-012
421-105-020 421-105-021
421-105-022 421-105-023
421-105-024 421-105-025
421-105-030 421-105-031
421-105-032 421-105-033
421-105-038 421-105-039
421-105-040 421-105-041
421-105-042 421-105-043
421-105-044 421-105-045
421-105-046 421-105-047
421-105-050 421-105-051
421-105-060 421-105-061
421-105-062 421-105-080AC
421-105-081AC 421-105-082AC
421-105-083AC 421-105-084AC
421-105-085AC 421-105-086AC

421-105-002	2	Hot Standby DR 6/11-135A — TWT Amplifier Document Contents

Number	Issue	Subject
■ 421-105-002AC	1	Solid-State Amplifier — DR6-135A NOTE: Provides binder, tabs, and the documents listed below.

421-102-003 421-105-004
421-105-006AC 421-105-010
421-105-011 421-105-012
421-105-020 421-105-021
421-105-022 421-105-023
421-105-024 421-105-025
421-105-028 421-105-029
421-105-034 421-105-036
421-105-037 421-105-038
421-105-040 421-105-041
421-105-042 421-105-043
421-105-044 421-105-045
421-105-046 421-105-047
421-105-049 421-105-051
421-105-060 421-105-062
421-105-063 421-105-080AC
421-105-081AC 421-105-082AC
421-105-083AC 421-105-085AC
421-105-086AC 421-105-088AC

■ 421-105-003AC	1	TWT Amplifier — DR6/11-135EC NOTE: Provides binder, tabs, and the documents listed below.

421-102-003 421-105-007AC
421-105-009 421-105-010
421-105-011 421-105-012
421-105-013 421-105-014
421-105-018 421-105-019
421-105-020 421-105-021
421-105-022 421-105-023
421-105-024 421-105-025
421-105-030 421-105-031
421-105-032 421-105-033
421-105-038 421-105-039
421-105-042 421-105-043
421-105-044 421-105-045
421-105-046 421-105-047
421-105-060 421-105-061
421-105-062 421-105-080AC
421-105-081AC 421-105-083AC
421-105-084AC 421-105-086AC
421-105-087AC 421-105-089AC

421-105-004	2	System Operations — 135A Hot Standby

Number	Issue	Subject
■ 421-105-004AC	1	Solid-State Amplifier — DR6-135EC NOTE: Provides binder, tabs, and the documents listed below.

421-102-003 421-105-008AC
421-105-009 421-105-010
421-105-011 421-105-012
421-105-013 421-105-014
421-105-019 421-105-020
421-105-021 421-105-022
421-105-023 421-105-024
421-105-025 421-105-028
421-105-029 421-105-035
421-105-036 421-105-037
421-105-038 421-105-042
421-105-043 421-105-044
421-105-045 421-105-046
421-105-047 421-105-049
421-105-060 421-105-062
421-105-063 421-105-080AC
421-105-081AC 421-105-083AC
421-105-086AC 421-105-087AC
421-105-088AC 421-105-089AC

421-105-005	2	Document Contents List for AT&T 421-105-090
■ 421-105-005AC	2	Document Contents List for AT&T 421-105-001AC
421-105-006	2	Document Contents List for AT&T 421-105-080
■ 421-105-006AC	1	Document Contents List for AT&T 421-105-002AC
421-105-007	2	Document Contents List for AT&T 421- 105-100
■ 421-105-007AC	2	Document Contents List for AT&T 421-105-003AC
■ 421-105-008AC	2	Document Contents List for AT&T 421-105-004AC
421-105-009	2	System Operations — 135EC

Maintenance

421-105-010	1	Introduction
421-105-011	2	Station Alarm Trouble Isolation
421-105-012	1	Service Protection
421-105-013	1	Terminal Trouble Isolation — 135EC
421-105-014	1	DC Power Alarm — 135EC
421-105-018	2	Repair Verification — 135EC — TWT Amplifier

Number	Issue	Subject
421-105-019	2	Annual FCC Tests — 135EC (9-94)
421-105-020	1	Radio Receiver Trouble Isolation
421-105-021	1	RF Preamp Alarm
421-105-022	2	DC Power Diagnosis
421-105-023	2	Generator Oven Alarm
421-105-024	2	IF Amplifier Alarm
421-105-025	2	Adaptive Equalizer Alarm
421-105-026	1	Station Procedures — 135EC
421-105-027	1	Terminal Procedures — 135EC
Addendum	1	
421-105-028	1	Radio Transmitter Trouble Isolation — Solid-State Amplifier
421-105-029	1	Generator Oven Alarm — Solid-State Amplifier
421-105-030	1	Radio Transmitter Trouble Isolation — TWT Amplifier
421-105-031	2	DC Power Diagnosis — TWT Amplifier
421-105-032	1	Generator Oven Alarm — TWT Amplifier
421-105-033	2	RF Power Alarm — TWT Amplifier
421-105-034	2	Repair Verification — 135A — Solid-State Amplifier
421-105-035	2	Repair Verification — 135EC — Solid- State Amplifier
421-105-036	2	DC Power Diagnosis — Solid-State Amplifier
421-105-037	1	RF Power Alarm — Solid-State Amplifier
421-105-038	2	Receiver Subroutines
421-105-039	2	Transmitter Subroutines — TWT Amplifier
421-105-040	1	Terminal Trouble Isolation — 135A
421-105-041	1	DC Power Alarm — 135AC
421-105-042	2	Fan Fail Alarm
421-105-043	1	Control System Alarm
421-105-044	1	Digital Receiver Alarm
421-105-045	1	Digital Transmitter Alarm
421-105-046	2	Excess Alarm
421-105-047	1	Signaling Fail Alarm
421-105-049	2	Transmitter Subroutines — Solid-State Amplifier
421-105-050	2	Repair Verification — 135A — TWT Amplifier
421-105-051	2	Annual FCC Tests — 135A (9-94)

Replacement Procedures

421-105-060	1	Radio Receiver
421-105-061	2	Radio Transmitter — TWT Amplifier
421-105-062	1	Terminal
421-105-063	2	Radio Transmitter — Solid-State Amplifier

Tests and Adjustments

421-105-070	1	Test Equipment and Accessories
421-105-071	1	Station Procedures — 135A
421-105-072	2	Radio Receiver Procedures
Addendum	1	
421-105-073	2	Radio Transmitter Procedures — TWT Amplifier
421-105-074	1	Terminal Procedures — 135A
Addendum	1	
421-105-075	1	Glossary
421-105-076	2	Radio Transmitter Procedures — Solid- State Amplifier
421-105-080	1	Solid-State Amplifier — DR6-135A NOTE: Provides binder, tabs, and the documents listed below.

421-102-003	421-105-004
421-105-006	421-105-010
421-105-011	421-105-012
421-105-020	421-105-021
421-105-022	421-105-023
421-105-024	421-105-025
421-105-028	421-105-029
421-105-034	421-105-036
421-105-037	421-105-038
421-105-040	421-105-041
421-105-042	421-105-043
421-105-044	421-105-045
421-105-046	421-105-047
421-105-049	421-105-051
421-105-060	421-105-062
421-105-063	421-105-070
421-105-071	421-105-072
421-105-074	421-105-075
421-105-076	

■	421-105-080AC	1	Test Equipment and Accessories
■	421-105-081AC	1	ME645A MRTS (Microwave Radio Test Set)

Number	Issue	Subject
■ 421-105-082AC	1	Station Procedures — 135A
■ 421-105-083AC	2	Radio Receiver Procedures
■ Addendum AC	1	
■ 421-105-084AC	2	Radio Transmitter Procedures — TWT Amplifier
■ 421-105-085AC	1	Terminal Procedures — 135A
■ 421-105-086AC	1	Glossary
■ 421-105-087AC	1	Station Procedures — 135EC
■ 421-105-088AC	2	Radio Transmitter Procedures — Solid- State Amplifier
■ 421-105-089AC	1	Terminal Procedures — 135EC
421-105-090	1	TWT Amplifier — DR6/11-135EC NOTE: Provides binder, tabs, and the documents listed below.

421-105-005	421-102-003
421-105-009	421-105-010
421-105-011	421-105-012
421-105-013	421-105-014
421-105-018	421-105-019
421-105-020	421-105-021
421-105-022	421-105-023
421-105-024	421-105-025
421-105-026	421-105-027
421-105-030	421-105-031
421-105-032	421-105-033
421-105-038	421-105-039
421-105-042	421-105-043
421-105-044	421-105-045
421-105-046	421-105-047
421-105-060	421-105-061
421-105-062	421-105-070
421-105-072	421-105-073
421-105-075	

421-105-100	1	Solid-State Amplifier — DR6-135EC NOTE: Provides binder, tabs, and the documents listed below.

421-105-007	421-102-003
421-105-009	421-105-010
421-105-011	421-105-012
421-105-013	421-105-014
421-105-019	421-105-020
421-105-021	421-105-022
421-105-023	421-105-024
421-105-025	421-105-026
421-105-027	421-105-028
421-105-029	421-105-035
421-105-036	421-105-037
421-105-038	421-105-042
421-105-043	421-105-044
421-105-045	421-105-046
421-105-047	421-105-049
421-105-060	421-105-062
421-105-063	421-105-070
421-105-072	421-105-075
421-105-076	

421-106 Hot Standby — Operation and Maintenance — Regenerator Station

421-106-001	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.

421-105-020	421-105-021
421-105-022	421-105-023
421-105-024	421-105-025
421-105-030	421-105-031
421-105-032	421-105-033
421-105-038	421-105-039
421-105-042	421-105-047
421-105-060	421-105-061
421-105-070	421-105-072
421-105-073	421-105-075
421-106-002	421-102-003
421-106-004	421-106-010
421-106-011	421-106-012
421-106-040	421-106-041
421-106-043	421-106-044
421-106-045	421-106-046
421-106-050	421-106-051
421-106-062	421-106-071
421-106-074	

■ 421-106-001AC	1	TWT Amplifier — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below.

421-105-020	421-105-021
421-105-022	421-105-023
421-105-024	421-105-025
421-105-030	421-105-031
421-105-032	421-105-033
421-105-038	421-105-039
421-105-042	421-105-047
421-105-060	421-105-061
421-105-080AC	421-105-081AC
421-105-083AC	421-105-084AC
421-105-086AC	421-102-003
421-106-004	421-106-005AC
421-106-010	421-106-011
421-106-012	421-106-040
421-106-041	421-106-043
421-106-044	421-106-045
421-106-046	421-106-050
421-106-051	421-106-062

Number	Issue	Subject
		421-106-082AC 421-106-085AC
421-106-002	2	Document Contents List for AT&T 421-106-001
■ 421-106-002AC	1	Solid-State Amplifier — DR6-135A NOTE: Provides binder, tabs, and the documents listed below. 421-105-020 421-105-021 421-105-022 421-105-023 421-105-024 421-105-025 421-105-028 421-105-029 421-105-036 421-105-037 421-105-038 421-105-042 421-105-047 421-105-049 421-105-060 421-105-063 421-105-080AC 421-105-081AC 421-105-083AC 421-105-086AC 421-105-088AC 421-102-003 421-106-004 421-106-006AC 421-106-010 421-106-011 421-106-012 421-106-040 421-106-041 421-106-043 421-106-044 421-106-045 421-106-046 421-106-051 421-106-052 421-106-062 421-106-082AC 421-106-085AC
■ 421-106-003AC	1	TWT Amplifier — DR6/11-135EC NOTE: Provides binder, tabs, and the documents listed below. 421-102-003 421-105-020 421-105-021 421-105-022 421-105-023 421-105-024 421-105-035 421-105-030 421-105-031 421-105-032 421-105-033 421-105-038 421-105-039 421-105-042 421-105-047 421-105-060 421-105-061 421-105-080AC 421-105-081AC 421-105-083AC 421-105-084AC 421-106-086AC 421-106-004 421-106-007AC 421-106-010 421-106-011 421-106-012 421-106-040 421-106-041 421-106-043 421-106-044 421-106-045 421-106-046 421-106-050 421-106-051 421-106-062 421-106-086AC 421-106-087AC
421-106-004	2	System Operations
■ 421-106-004AC	1	Solid-State Amplifier — DR6-135EC NOTE: Provides binder, tabs, and the documents listed below. 421-102-003 421-105-022 421-105-023 421-105-024 421-105-025 421-105-028 421-105-029 421-105-036 421-105-037 421-105-038 421-105-042 421-105-047 421-105-049 421-105-060 421-105-063 421-105-080AC 421-105-081AC 421-105-083AC 421-105-086AC 421-105-088AC 421-105-004 421-106-008AC 421-106-010 421-106-011 421-106-012 421-106-040 421-106-041 421-106-043 421-106-044 421-106-045 421-106-046 421-106-051 421-106-052 421-106-062 421-106-086AC 421-106-087AC
421-106-005	2	Document Contents List for AT&T 421-106-020
■ 421-106-005AC	2	Document Contents List for AT&T 421-106-001AC
421-106-006	2	Document Contents List for AT&T 421-106-030
■ 421-106-006AC	2	Document Contents List for AT&T 421-106-002AC
421-106-007	2	Document Contents List for AT&T 421-106-060
■ 421-106-007AC	2	Document Contents List for AT&T 421-106-003AC
■ 421-106-008AC	2	Document Contents List for AT&T 421-106-004AC

Maintenance

421-106-010	1	Introduction
Addendum	1	
421-106-011	2	Station Alarm Trouble Isolation
421-106-012	1	Service Protection
421-106-020	1	Solid-State Amplifier — DR6-135A NOTE: Provides binder, tabs, and the documents listed below. 421-105-020 421-105-021 421-105-022 421-105-023

Number	Issue	Subject
		421-105-024 421-105-025 421-105-028 421-105-029 421-105-036 421-105-037 421-105-038 421-105-042 421-105-047 421-105-049 421-105-060 421-105-063 421-105-070 421-105-072 421-105-075 421-105-076 421-102-003 421-106-004 421-106-005 421-106-010 421-106-011 421-106-012 421-106-040 421-106-041 421-106-043 421-106-044 421-106-045 421-106-046 421-106-051 421-106-052 421-106-062 421-106-071 421-106-074
421-106-030	1	TWT Amplifier — DR6/11-135EC NOTE: Provides binder, tabs, and the documents listed below. 421-105-020 421-105-021 421-105-022 421-105-023 421-105-024 421-105-025 421-105-030 421-105-031 421-105-032 421-105-033 421-105-038 421-105-039 421-105-042 421-105-047 421-105-060 421-105-061 421-105-070 421-105-072 421-105-073 421-105-075 421-106-004 421-106-006 421-102-003 421-106-010 421-106-011 421-106-012 421-106-040 421-106-041 421-106-043 421-106-044 421-106-045 421-106-046 421-106-050 421-106-051 421-106-062 421-106-072 421-106-077
421-106-040	1	Regenerator Trouble Isolation
421-106-041	1	DC Power Alarm
421-106-043	1	Control System Alarm
421-106-044	1	Digital Receiver Alarm
421-106-045	1	Digital Transmitter Alarm
421-106-046	2	Excess Alarm
421-106-050	2	Repair Verification — TWT Amplifier
421-106-051	2	Annual FCC Tests — -135A and -135EC
421-106-052	2	Repair Verification — Solid-State Amplifier
421-106-060	1	Solid-State Amplifier — DR6-135EC NOTE: Provides binder, tabs, and the documents listed below. 421-102-003 421-105-020 421-105-021 421-105-022 421-105-023 421-105-024 421-105-025 421-105-028 421-105-029 421-105-036 421-105-037 421-105-038 421-105-042 421-105-047 421-105-049 421-105-060 421-105-063 421-105-070 421-105-072 421-105-075 421-105-076 421-106-004 421-106-007 421-106-010 421-106-011 421-106-012 421-106-040 421-106-041 421-106-043 421-106-044 421-106-045 421-106-046 421-106-051 421-106-052 421-106-062 421-106-072 421-106-077
Replacement Procedures		
421-106-062	1	Regenerator
Tests and Adjustments		
421-106-071	1	Station Procedures — 135A
421-106-072	1	Station Procedures — 135EC
421-106-074	1	Regenerator Procedures — 135A
421-106-077	1	Regenerator Procedures — 135EC
■ 421-106-082AC	1	Station Procedures — 135A
■ 421-106-085AC	1	Regenerator Procedures — 135A
■ 421-106-086AC	1	Regenerator Procedures — 135EC
■ 421-106-087AC	1	Station Procedures — 135EC

421-109 Frequency Diversity — Turnup Procedures

■ 421-109-000AC	1	Turnup Procedures — DR6/11-135A NOTE: Provides binder, tabs, and the documents listed below. 421-109-001AC 421-109-002AC 421-109-003AC 421-109-004AC

Number	Issue	Subject
		421-109-005AC 421-109-006AC 421-109-007AC 421-109-008AC 421-109-009AC 421-109-010AC 421-109-011AC 421-109-012AC 421-109-013AC 421-109-014AC 421-109-015AC 421-109-016AC 421-109-017AC 421-109-018AC 421-109-019AC 421-109-020AC 421-109-022AC 421-109-026AC 421-109-027AC 421-109-028AC 421-109-029AC 421-109-030AC 421-109-031AC 421-109-032AC 421-109-033AC 421-109-034AC 421-109-035AC 421-109-036AC 421-109-037AC 421-109-038AC
421-109-000	1	Turnup Procedures — DR-6/11-135A NOTE: Provides binder, tabs, and the documents listed below.
		421-109-001 421-109-002 421-109-003 421-109-004 421-109-005 421-109-006 421-109-007 421-109-008 421-109-009 421-109-010 421-109-011 421-109-012 421-109-013 421-109-014 421-109-015 421-109-016 421-109-017 421-109-018 421-109-019 421-109-020 421-109-022 421-109-026 421-109-027 421-109-028 421-109-029 421-109-030 421-109-031 421-109-032 421-109-033 421-109-034 421-109-035 421-109-038
■ 421-109-001AC	3	Document Contents
421-109-001	1	Document Contents
■ 421-109-002AC	2	Document Introduction
421-109-002	1	Document Introduction
■ 421-109-003AC	1	Initial Bay Checks
421-109-003	1	Initial Bay Checks
■ Addendum AC	1	
■ 421-109-004AC	2	Terminal Bay Initial Checks
421-109-004	1	Terminal Bay Initial Checks
■ 421-109-005AC	2	Regenerator Bay Initial Checks
421-109-005	1	Regenerator Bay Initial Checks
■ 421-109-006AC	2	Radio Bay Initial Checks
421-109-006	2	Radio Bay Initial Checks
■ 421-109-007AC	1	Nominal Radio Power Levels
421-109-007	1	Nominal Radio Power Levels

Hop Tests

■ 421-109-008AC	2	Hop Tests
421-109-008	1	Hop Tests
■ 421-109-009AC	1	RSL and Down-Converter Output Check
421-109-009	1	RSL and Down Converter Output
■ 421-109-010AC	1	Adaptive Slope Equalizer — Manual and Automatic Mode Adjustment
421-109-010	1	ASE Man/Auto Adjustments
■ Addendum AC	1	
■ 421-109-011AC	1	DR6/11-135 Radio Transmitter Alignment Procedure
421-109-011	1	Radio Transmitter Alignment
■ 421-109-012AC	1	Radio Transmission Tests
421-109-012	1	Radio Transmission Tests
■ 421-109-013AC	1	Differential Absolute Delay Equalization
421-109-013	1	DADE Tests
■ 421-109-014AC	1	Receiver IF Adjustments
421-109-014	1	RCVR IF Adjustments
■ 421-109-015AC	1	Digital Transmission Test
421-109-015	1	Digital Transmission Tests

Hop Performance Tests

■ 421-109-016AC	1	Hop Performance Tests
421-109-016	1	Hop Performance Tests
■ 421-109-017AC	1	Over-the-Air S/I Stress Check
421-109-017	1	Over The Air S/I Stress Check
■ 421-109-018AC	1	Over-the-Air Propagation Distortion Performance Check
421-109-018	1	Over The Air Propagation Performance
■ 421-109-019AC	1	Combiner Performance Test
421-109-019	1	Combiner Performance
■ 421-109-020AC	1	Fade Margin and Interference Tests
421-109-020	1	Fade Margin And Interference

Alarm Tests

■ 421-109-022AC	1	Order-Wire Tests
421-109-022	1	Order Wire Tests

Number	Issue	Subject
Switch Section Tests		
■ 421-109-026AC	1	Switch Section Tests
421-109-026	1	Switch Section Tests
■ 421-109-027AC	1	DS3-to-DS3 Performance Tests
421-109-027	1	DS3-DS3 Performance
421-109-028	1	Error Correction Test
■ 421-109-028AC	2	Error Correction Test (11-93)
421-109-029	1	Terminal Switching Tests
■ 421-109-029AC	1	Terminal Switching Tests
421-109-030	1	Regenerator Switching Tests
■ 421-109-030AC	1	Regenerator Switching Tests
Special Sections		
421-109-031	1	Test Equipment
■ 421-109-031AC	1	Test Equipment and Accessories
421-109-032	2	Glossary (3-89)
■ 421-109-032AC	1	Glossary for AT&T 421-109-000AC
421-109-033	1	Growth
■ 421-109-033AC	1	Growth
421-109-034	1	Telemetry Tests
■ 421-109-034AC	1	Telemetry Tests
421-109-035	1	TBOS Verification
■ 421-109-035AC	1	TBOS Verification
■ 421-109-036AC	1	PC Based Telemetry Acceptance Tests
■ 421-109-037AC	1	SCOTS/FMAS Acceptance Tests
421-109-038	1	ITU/Annual Log
■ 421-109-038AC	1	ITU/Annual Log
421-109-050	1	1 X N Frequency Diversity — Turnup Procedures — 135EC NOTE: Provides binder, tabs, and the documents listed below. 421-102-070 421-109-032 421-109-051 421-109-052 421-109-053 421-109-054 421-109-055 421-109-056 421-109-057 421-109-058 421-109-059 421-109-060
421-109-051	1	Introduction
421-109-052	1	Radio Transmitter/Receiver
■ Supplement	1	Supplement to 421-109-053. HP11758T DRTS Supplement Package.
421-109-053	1	Digital Terminal
■ Supplement	1	Supplement to 421-109-054. HP11758T DRTS Supplement Package.
421-109-054	1	Digital Regenerator
■ Supplement	1	Supplement to 421-109-055. HP11758T DRTS Supplement Package.
421-109-055	1	Radio Transmitter/Receiver
■ Supplement	1	Supplement to 421-109-056. HP11758T DRTS Supplement Package.
■ 421-109-056	1	Hop Alignment Tests
■ Supplement	1	Supplement to 421-109-057. HP11758T DRTS Supplement Package.
421-109-057	1	Hop Performance Tests
421-109-058	1	Alarm Verification Tests
421-109-059	1	Switch Section Performance Tests
421-109-060	1	Channel Growth

421-2 DR6/11-90A, DR6/11-135, and FR6 Microwave Radio Systems

Digital Radio		
421-200-130	3	90A Line Terminating Bay and Digital Regenerator Bay — Equipment Description — DR6-30-90/DR11-40-90 Digital System
421-200-131	3	90A Line Terminating Bay and Digital Regenerator Bay — Functional Description — DR6-30-90/DR11-40-90 Digital System
421-200-132	3	DR6-30-90/DR11-40-90 Digital System — Preparation for Service
421-200-133	3	DR6-30 Radio — Description — DR6- 30/DR11-40 Digital System
421-200-134	3	DR11-40 Radio Bay — Description — DR6-30/DR11-40 Digital System
421-200-135	3	DR6-30/DR11-40 Digital System — System Description and Operation
421-200-136	2	DR6-30-90/DR11-40-90 Digital System — Hot Standby — System Trouble Clearing

Number	Issue	Subject
421-200-137	3	DR6-30/DR11-40 Digital System — Hot Standby — Bay Test and Trouble Clearing
421-200-138	2	DR6-30-90/DR11-40-90 Digital System — Frequency Diversity — System Trouble Clearing
421-200-139	3	DR6-30-90/DR11-40-90 Digital System — Frequency Diversity — Bay Test and Trouble Clearing
421-200-140	3	90A Line Terminating Bay and Digital Regenerator Bay — Application Engineering — DR6-30-135/DR11-40-135 Digital System
421-200-141	3	DR6-30/DR11-40 Digital System — System Application Engineering
421-200-142	2	DR6-30 Radio — Bay Application Engineering
421-200-143	2	DR11-40 Radio — Bay Application Engineering
421-200-144	1	J98745B Transversal Equalizer Bay — Description — DR6-30/DR11-40 Digital System
421-200-145	1	DR6-30/DR11-40 Digital System — Hot Standby — Bay Tests and Trouble-Clearing Procedures Using the J68428A Test Set and HP-435B or HP- 436A Power Meter
421-200-146	1	DR6-30/DR11-40 Digital System — Frequency Diversity — Bay Tests and Trouble Clearing Using the J68428A Test Set and HP-435B or HP-436A Power Meter
421-200-150	1	Serial-to-Parallel Alarm Converter — Description, Operations, and Maintenance
421-200-160	1	DR6-30-90A1 Digital Radio Bay — Description and Application Engineering NOTE: Provides binder, tabs, and the documents listed below. 421-200-161 421-200-162 421-200-163
421-200-161	1	DR6-30-90A1 Digital Radio Bay — Equipment Description
421-200-162	1	DR6-30-90A1 Digital Radio Bay — Application
421-200-163	1	DR6-30-90A1 Digital Radio Bay — Bay Test and Trouble Clearing

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421-200-190	4	FR6-30 Radio Bay — Equipment Description
421-200-191	4	FR6-30 Radio Bay — Functional Description
421-200-192	3	FR6-30 Radio Bay — Operations
421-200-193	3	FR6-30 Radio Bay — Tests and Measurements
421-200-194	3	FR6-30 Radio Bay — Trouble Clearing
421-200-195	2	FR6-30 FM Radio System — Description, Operation, Test and Measurement Trouble Clearing
421-200-200	3	FR6-30 Radio — Bay Application Engineering
421-200-201	3	FR6-30 Radio — System Application Engineering

421-3 International Digital Radio Systems

421-300 DR6/DR11 Digital Radio

421-300-102	4	Maintenance Support
421-300-103	4	Operation and Maintenance — Terminal Station
421-300-104	4	Operation and Maintenance — Regeneration
421-300-105	2	Alarm Center Operation
421-300-110	4	Installation and Test Manual — DR6
421-300-111	2	Installation and Test Manual — DR11

421-4 NDR (Network Distribution Radio)

421-400 General

421-400-030	1	Sales Kit
■ 421-400-040	1	Sales Slide Presentation
■ 421-400-040AI	1	Sales Slide Presentation (International)
421-400-050	1	Planning Guide

Number	Issue	Subject
421-401 LC Series Digital Microwave Radio		
421-401-020	1	LC Series Domestic Product Description
421-401-020AI	1	LS Series International Product Description
421-402 M Series Digital Microwave Radio		
421-402-020	1	Product Description
421-402-020AI	1	Product Description (International)
421-402-030	1	Fiber Optic Terminal Product Description NDR (Network Distribution Radio)
421-402-100	1	Installation, Operation, and Maintenance
421-404 W Series Digital Microwave Radio		
421-404-020	1	Product Description
421-404-020AI	1	Product Description (International)
421-404-100	1	Installation, Operation, and Maintenance

Division 422

Common Microwave RadioTransmission Systems

422-0 Index

422-1 TSS-R (Transmission Surveillance Systems — Radio)

422-2 Switched Section System Tests

422-3 Microwave Radio Overall System Tests

422-4 Transmitter-Receiver Bay

422-5 DR and TD Microwave Radio

- **-500 TD and AR6A Microwave Radio**
- **-501 TD-45A Digital Radio**
- **-502 TD-90 Digital Radio — Operation and Maintenance**
- **-503 Protection Switching System Interface**
- **-504 DR 4-20-90G Digital Radio**

422-6 Pulse Monitors

- **-600 Violation Pulse Monitors**

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422-000-000	56	Numerical Index — Division 422 — Common Microwave Radio — Transmission Systems (2-95)

422-1 TSS-R (Transmission Surveillance Systems—Radio)

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422-100-100	1	Description
422-100-101	1	Operation Procedures
■ 422-100-101AC	1	Operation Procedures
422-100-102	1	User's Guide
422-100-103	1	Measurement System — Operation and Maintenance Guide
422-100-104	1	Transmission Surveillance System — Radio Data Base Preparation and Maintenance
422-100-105	1	Distribution Bay — Operation and Maintenance Radio
■ 422-100-105AC	1	Distribution Bay — Operation and Maintenance
422-100-110	1	P QUARK — (Programmable Quantizer, Analyzer, and Record Keeper) — Description

422-2 Switched Section System Tests

Number	Issue	Subject
422-200-501	1	In-Service Manual
■ Addendum	2	
422-210-500	3	TD and TH Switch-Section Tests —SCIENTIFIC-ATLANTA* Radio Performance Analyzer
422-211-500	1	Short-Haul Radio — Out-of-Service Systems Tests — Scientific-Atlanta Radio Performance Analyzers

422-3 Microwave Radio Overall System Tests

Number	Issue	Subject
Addendum	1	
422-300-500	4	Envelope Delay Distortion — Overall TD System Test
Addendum	1	
422-300-512	2	Overall TD and TH System — Fade Margin Tests

422-4 Transmitter-Receiver Bay

Number	Issue	Subject
■ Addendum AC	2	
■ 422-400-500AC	1	TD-2 and TD-3 Tests — ANRITSU† ME645A Microwave Radio Test Set
422-400-504	2	TD and TH-3 — Receiver Tests and Adjustments — J68330Y IF Amplitude Equalizer-Amplifier
■ 422-400-510AC	1	Equipment Manual for MDP-45MB-15B — 8 PH PSK Modulator Demodulator

* SCIENTIFIC-ATLANTA is a registered trademark of Scientific-Atlanta, Inc.

† ANRITSU is a registered trademark of Anritsu Dabushiki Kaisha

Number	Issue	Subject
422-400-600	1	TH-1 Tests — Anritsu ME645A Microwave Radio Test Set
422-400-650	1	TH-3 Tests — Anritsu ME645A Microwave Radio Test Set
422-400-700	1	Narrowband Microwave Radio Auxiliary Channel — KS-20098/KTR-4A — Anritsu ME645A Microwave Radio Test Set (MRTS) — Maintenance

422-5 DR and TD Microwave Radio Systems

422-500 TD and AR6A Microwave Radio

422-501 TD-45A Digital Radio

422-501-100	3	Overall System Description
422-501-101	1	Maintenance Plan
422-501-102	2	Switch Section Test — Preservice Implementation
422-501-103	1	Application Engineering
422-501-104	3	Line Terminating System — Description, Operation, and Maintenance
422-501-105	1	100A-45A Interface Circuits — Application
422-501-106	1	400-45A Interface Circuits — Application
422-501-107	1	Trouble Clearing
422-501-109	1	System Tests — ME645A Microwave Radio Test Set
422-501-110	1	45A Line Terminating System — Performance Requirements

422-502 TD-90 Digital Radio — Planning, Engineering, Operation, and Maintenance

Planning and Engineering — Operation

■	422-502-100AC	1	Planning and Engineering NOTE: Provides binder, tabs, and documents listed: 422-502-105AC 422-502-110AC 422-502-120AC 422-502-130AC 422-502-140AC 422-502-150AC 422-502-160AC 422-502-170AC 422-502-180AC 422-502-190AC
■	422-502-105AC	3	Introduction
■	422-502-110AC	2	Digital Radio Fundamentals
■	422-502-120AC	3	System Description
■	Addendum AC	1	
■	422-502-130AC	2	Maintenance Philosophy and Provisions
■	422-502-140AC	2	Route Qualification Process
■	Addendum AC	2	
■	422-502-150AC	2	Route Engineering Guidelines
■	422-502-160AC	2	System Application Information
■	422-502-170AC	2	DR4 — Equipment Ordering Information
■	422-502-180AC	2	Recommended Test Equipment and Spare Equipment Information
■	422-502-190AC	2	Document References

FMAC (Facility Maintenance and Administration Center)

■	422-502-200AC	1	Preservice Implementation NOTE: Provides binder, tabs, and the documents listed: 422-502-210AC 422-502-220AC 422-502-230AC 422-502-240AC 422-502-250AC 422-502-260AC 422-502-270AC 422-502-280AC 422-502-290AC
■	Addendum AC	1	
■	422-502-210AC	2	Document Introduction
■	Addendum AC	1	
■	422-502-220AC	2	90C Terminal Digital Preservice Checks
■	422-502-230AC	2	90C Regenerator Digital Preservice Checks
■	422-502-240AC	3	Radio Bay Preservice Checks
■	422-502-250AC	2	Radio Channel Preservice Checks
■	422-502-260AC	2	Digital Channel Performance Checks
■	422-502-270AC	2	Terminal and Regenerator Preservice Operation Checks
■	422-502-280AC	2	Digital Monitoring Receiver Bay Preservice Checks
■	422-502-290AC	2	Performance Monitoring and Fault Location Checks

Number	Issue	Subject
Terminal Station		
■ 422-502-300AC	1	Terminal Station NOTE: Provides binder, tabs, and the documents listed: 422-502-302AC 422-502-303AC 422-502-304AC 422-502-310AC 422-502-311AC 422-502-312AC 422-502-315AC
■ 422-502-302AC	2	Document Contents List
■ 422-502-303AC	3	Document Introduction
■ 422-502-304AC	2	System Operations
■ 422-502-310AC	2	Maintenance
■ 422-502-311AC	2	Station Alarm Trouble Isolation
■ 422-502-312AC	1	Service Protection
■ 422-502-315AC	1	Radio Trouble Isolation
■ 422-502-316AC	1	Transmitter Power Control — Low Transmitter Power Alarm
■ 422-502-317AC	1	Transmitter Power Control — Discriminator Failed Alarm
■ 422-502-318AC	1	Transmitter Power Control — Deviator Failed Alarm
■ 422-502-319AC	1	Transmitter Generator Lock Alarm — Microwave Generator
■ 422-502-320AC	1	Transmitter Generator Loss of Lock Alarm — Microwave Generator
■ 422-502-321AC	1	RF Preamplifier Alarm
■ 422-502-322AC	1	Space Diversity Alarm
■ 422-502-323AC	1	Sloper Disabled Alarm
■ 422-502-324AC	2	Interference Canceler #1/#2 Failed Alarm
■ 422-502-325AC	1	Receiving Generator Lock Alarm
■ 422-502-326AC	1	Receiving Generator Loss of Lock Alarm
■ 422-502-340AC	1	Line Terminal Trouble Isolation
■ 422-502-341AC	2	DC Power Alarm
■ 422-502-342AC	1	Fan Failure Alarm
■ 422-502-343AC	2	Control System Alarm
■ 422-502-344AC	2	Digital Receiver Alarm
■ 422-502-345AC	1	Digital Transmitter Alarm
■ 422-502-346AC	1	Excess Alarm
■ 422-502-347AC	1	Signal Failure Alarm
■ 422-502-350AC	2	Repair Verification
■ 422-502-351AC	3	TD-90 Radio Operation and Maintenance Terminal Station Annual FCC Tests (9-94)
■ 422-502-360AC	1	Radio — Replacement Procedures
■ Addendum AC	1	
■ 422-502-361AC	1	Terminal — Replacement Procedures
■ 422-502-370AC	2	Test Equipment and Accessories
■ 422-502-371AC	1	ME645A Performance Tests
■ 422-502-372AC	3	Station Test and Adjustment Procedures
■ Addendum AC	2	
■ 422-502-373AC	3	Radio Test and Adjustment Procedures
■ Addendum AC	2	
■ 422-502-374AC	2	Test and Adjustment Procedures
■ Addendum AC	1	
■ 422-502-380AC	1	Glossary
Repeater Station/DMR (Digital Monitoring Receiver)		
■ 422-502-400AC	1	Repeater Station/DMR NOTE: Provides binder, tabs, and the documents listed: 422-502-402AC 422-502-404AC 422-502-404AC 422-502-410AC 422-502-411AC 422-502-412AC 422-502-415AC 422-502-416AC 422-502-417AC 422-502-418AC 422-502-419AC 422-502-420AC 422-502-421AC 422-502-422AC 422-502-423AC 422-502-440AC 422-502-441AC 422-502-442AC 422-502-443AC 422-502-450AC 422-502-451AC 422-502-460AC 422-502-461AC 422-502-470AC 422-502-471AC 422-502-472AC 422-502-473AC 422-502-474AC 422-502-480AC
■ 422-502-402AC	2	Document Contents List
■ 422-502-403AC	3	Document Introduction
■ 422-502-404AC	1	System Operations
■ 422-502-410AC	2	Maintenance
■ 422-502-411AC	2	Station Alarm Trouble Isolation
■ 422-502-412AC	1	Service Protection
■ 422-502-415AC	1	Radio Trouble Isolation
■ 422-502-416AC	1	Transmitter Power Control — Low Power Alarm
■ 422-502-417AC	1	Transmitter Power Control — Discriminator Failed Alarm

Number	Issue	Subject
■ 422-502-418AC	1	Transmitter Power Control — Deviator Failed Alarm
■ 422-502-419AC	1	Transmitter Generator Lock Alarm — Microwave Generator
■ 422-502-420AC	1	Transmitter Generator Loss of Lock Alarm — Microwave Generator
■ 422-502-421AC	1	RF Preamplifier Alarm
■ 422-502-422AC	1	Space Diversity Alarm
■ 422-502-423AC	1	Sloper Disabled Alarm
■ 422-502-440AC	1	DMR (Digital Monitoring Receiver) — Trouble Isolation
■ 422-502-441AC	1	DC Power Alarm
■ 422-502-442AC	1	DMR (Digital Monitoring Receiver) — Failure Alarm
■ 422-502-443AC	1	Control System Alarm
■ 422-502-450AC	2	Repair Verification
■ 422-502-451AC	3	TD-90 Radio Operation and Maintenance Repeater Station/DMR Annual FCC Tests (9-94)
■ 422-502-460AC	1	Radio — Replacement Procedures
■ 422-502-461AC	1	DMR (Digital Monitoring Receiver) — Replacement Procedures
■ 422-502-470AC	2	Test Equipment and Accessories
■ 422-502-471AC	1	ME645A Performance Tests
■ 422-502-472AC	3	Station Test and Adjustment Procedures
■ 422-502-473AC	3	Radio Test and Adjustment Procedures
■ Addendum AC	1	
■ 422-502-474AC	1	DMR (Digital Monitoring Receiver) — Test and Adjustment Procedures
■ Addendum AC	1	
■ 422-502-480AC	1	Glossary

Regenerator Station

■ 422-502-500AC	1	Regenerator Station NOTE: Provides binder, tabs, and the documents listed: 422-502-502AC 422-502-503AC 422-502-504AC 422-502-510AC 422-502-511AC 422-502-512AC 422-502-515AC 422-502-516AC 422-502-517AC 422-502-518AC 422-502-519AC 422-502-520AC 422-502-521AC 422-502-522AC 422-502-523AC 422-502-524AC 422-502-540AC 422-502-541AC 422-502-542AC 422-502-543AC 422-502-544AC 422-502-545AC 422-502-546AC 422-502-547AC 422-502-550AC 422-502-551AC 422-502-560AC 422-502-561AC 422-502-570AC 422-502-571AC 422-502-572AC 422-502-573AC 422-502-574AC 422-502-580AC
■ 422-502-502AC	2	Document Contents List
■ 422-502-502AC	2	Document Contents List
■ 422-502-503AC	3	Document Introduction
■ 422-502-504AC	1	System Operations
■ 422-502-510AC	2	Maintenance
■ 422-502-511AC	2	Station Alarm Trouble Isolation
■ 422-502-512AC	1	Service Protection
■ 422-502-515AC	1	Radio Trouble Isolation
■ 422-502-516AC	1	Transmitter Power Control — Low Power Alarm
■ 422-502-517AC	1	Transmitter Power Control — Discriminator Failed Alarm
■ 422-502-518AC	1	Transmitter Power Control — Deviator Failed Alarm
■ 422-502-519AC	1	Transmitter Generator Lock Alarm — Microwave Generator
■ 422-502-520AC	1	Transmitter Generator Loss of Lock Alarm — Microwave Generator
■ 422-502-521AC	1	RF Preamplifier Alarm
■ 422-502-522AC	1	Space Diversity Alarm
■ 422-502-523AC	1	Sloper Disabled Alarm
■ 422-502-524AC	1	IF Switch Disabled Alarm
■ 422-502-540AC	1	Regenerator Trouble Isolation
■ 422-502-541AC	1	DC Power Alarm
■ 422-502-542AC	1	Fan Failure Alarm
■ 422-502-543AC	1	Control System Alarm
■ 422-502-544AC	2	Digital Receiver Alarm
■ 422-502-545AC	1	Digital Transmitter Alarm
■ 422-502-546AC	1	Excess Alarm
■ 422-502-547AC	1	Signal Failure Alarm
■ 422-502-550AC	2	Repair Verification
■ 422-502-551AC	3	TD-90 Radio Operation and Maintenance Regenerator Station Annual FCC Tests (9-94)
■ 422-502-560AC	1	Radio — Replacement Procedures

Number	Issue	Subject
■ 422-502-561AC	1	Regenerator — Replacement Procedures
■ 422-502-570AC	2	Test Equipment and Accessories
■ 422-502-571AC	1	ME645A Performance Tests
■ 422-502-572AC	3	Station Test and Adjustment Procedures
■ 422-502-573AC	3	Radio Test and Adjustment Procedures
■ Addendum AC	2	
■ 422-502-574AC	2	Regenerator Test and Adjustment Procedures
■ Addendum AC	1	
■ 422-502-580AC	1	Glossary

Maintenance Support

■ 422-502-600AC	1	Maintenance Support NOTE: Provides binder, tabs, and the documents listed: 422-502-602AC 422-502-603AC 422-502-610AC 422-502-615AC 422-502-616AC 422-502-617AC 422-502-618AC 422-502-619AC 422-502-620AC 422-502-621AC 422-502-622AC 422-502-623AC 422-502-624AC 422-502-625AC 422-502-630AC 422-502-631AC 422-502-632AC 422-502-633AC 422-502-634AC 422-502-635AC 422-502-640AC 422-502-641AC 422-502-642AC 422-502-643AC 422-502-644AC 422-502-650AC 422-502-660AC 422-502-670AC 422-502-680AC
■ 422-502-602AC	2	Document Contents List
■ 422-502-603AC	2	Document Introduction
■ 422-502-610AC	2	System Performance Diagnostics
■ 422-502-615AC	3	General Tests
■ 422-502-616AC	1	Radio Transmission Tests (Amplitude and Delay)
■ 422-502-617AC	1	Radio Channel 70-MHz Frequency Check
■ 422-502-618AC	2	Three-Tone Linearity Check
■ 422-502-619AC	1	Fade Margin Check
■ 422-502-620AC	1	C/I Interference Check
■ 422-502-621AC	1	Phase-Plane Display Diagnosis
■ 422-502-622AC	1	Transmitter Power Control — Operation Checks

Number	Issue	Subject
■ 422-502-623AC	2	Continuous Performance Monitoring
■ 422-502-624AC	1	DS-3 to DS-3 Performance Check
■ 422-502-625AC	1	Receiver Error Correction Check
■ 422-502-626AC	1	Pseudo Error, CRC Error, and Frame Loss Event Monitoring
■ 422-502-630AC	2	General Description
■ 422-502-631AC	2	Terminal Description
■ 422-502-632AC	1	Regenerator Description
■ 422-502-633AC	1	Repeater/DMR (Digital Monitoring Receiver) Description
■ 422-502-634AC	1	Radio Description
■ Addendum AC	2	
■ 422-502-635AC	2	Circuit Packs Description
■ 422-502-640AC	2	General Equipment Identification
■ Addendum AC	2	
■ 422-502-641AC	2	Terminal Equipment Identification
■ Addendum AC	2	
■ 422-502-642AC	1	Regenerator Equipment Identification
■ 422-502-643AC	1	Repeater/DMR (Digital Monitoring Receiver) Equipment Identification
■ 422-502-644AC	1	Radio Bay Equipment Identification
■ Addendum AC	2	
■ 422-502-650AC	2	Controls, Jacks, Indications, and Options
■ 422-502-660AC	1	Special Replacement Procedures
■ 422-502-670AC	1	Route Diagrams
■ Addendum AC	1	
■ 422-502-680AC	1	Glossary

FMAC (Facility Maintenance and Administration Center) — Operation

■ 422-502-700AC	1	Service Monitoring NOTE: Provides binder, tabs, and the documents listed: 422-502-702AC 422-502-703AC 422-502-705AC 422-502-713AC 422-502-720AC 422-502-721AC 422-502-722AC 422-502-730AC 422-502-740AC 422-502-750AC 422-502-760AC 422-502-761AC 422-502-762AC 422-502-763AC 422-502-770AC 422-502-771AC 422-502-780AC

Number	Issue	Subject
■ 422-502-702AC	2	Document Contents List
■ 422-502-703AC	2	Document Introduction
■ 422-502-705AC	2	Maintenance Plan
■ 422-502-710AC	2	Route Diagrams
■ 422-502-720AC	2	SCOTS (Surveillance and Control of Transmission Systems) — Alarm Analysis
■ 422-502-721AC	2	FMAS (Facility Maintenance and Administration System) — Performance Analysis
■ 422-502-722AC	2	Nonalarm Trouble Analysis
■ 422-502-730AC	2	Repair Verification and System Restoral
■ Addendum AC	1	
■ 422-502-740AC	2	FMAS Reports
■ Addendum AC	1	
■ 422-502-750AC	2	Scan Point Explanations
■ Addendum AC	1	
■ 422-502-760AC	1	Terminal Station — Control Point Explanations
■ 422-502-761AC	2	Regenerator Station — Control Point Explanations
■ 422-502-762AC	2	Repeater/DMR (Digital Monitoring Receiver) Station — Control Point Explanations
■ 422-502-763AC	2	Radio Bay Stations — Control Point Explanations
■ 422-502-770AC	2	Remote System Operations
■ 422-502-771AC	2	SCOTS, Alarm/Control — Test Procedures
■ 422-502-780AC	1	Glossary

Operation and Maintenance — DR4-20-90/TD90

■ 422-502-800AC	1	DR4-20-90 Radio Transmitter/Receiver NOTE: Provides binder, tabs, and the documents: 422-502-802AC 422-502-803AC 422-502-805AC 422-502-810AC 422-502-815AC 422-502-816AC 422-502-817AC 422-502-820AC 422-502-821AC 422-502-822AC 422-502-830AC 422-502-835AC 422-502-840AC 422-502-841AC 422-502-842AC
■ 422-502-802AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Document Contents
■ 422-502-803AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Document Introduction
■ Addendum AC	1	
■ 422-502-805AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Equipment Verification
■ 422-502-810AC	1	Operation and Maintenance DR4-20-90 Radio Transmitter/Receiver — Maintenance
■ 422-502-815AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Radio Transmitter — Trouble Clearing
■ 422-502-816AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Radio Transmitter — Tests and Adjustments
■ 422-502-817AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Radio Transmitter — Replacement Procedures
■ Addendum AC	1	
■ 422-502-820AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver Radio Receiver — Trouble Clearing
■ 422-502-821AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Radio Receiver — Test Adjustments
■ Addendum AC	1	
■ 422-502-822AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver Radio Receiver — Replacement Procedures
■ 422-502-830AC	2	DR4/TD-90 Digital Radio System — DR-20-90 Radio Transmitter/Receiver — Radio Repair Verification
■ Addendum AC	1	
■ 422-502-835AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Test Equipment and Accessories

Number	Issue	Subject
■ Addendum AC	1	
■ 422-502-840AC	1	Operation and Maintenance — DR4-20-90 Radio Transmitter/Receiver — Hop Test
■ 422-502-841AC	1	DR4/TD-90 Digital Radio System — DR4-20-90 Radio Transmitter/Receiver — Radio Description
■ Addendum AC	1	
■ 422-502-842AC	1	Operation and Maintenance DR4-20-90 Radio Transmitter/Receiver — Circuit Descriptions

422-504 DR4-20-90 and DR4-20-90G Digital Radio System

422-504-000	1	Installation Procedures NOTE: Provides binder, tabs, and the documents listed: 422-504-001 422-504-010 422-504-020 422-504-030 422-504-040 422-504-050 422-504-050
422-504-001	1	Introduction
422-504-010	1	General Installation Information
422-504-020	1	Site Preparation
422-504-030	1	Common Power Connections
422-504-040	1	Terminal Station — Wiring and Cable
422-504-050	1	Regeneration Station — Wiring and Cable
422-504-060	1	Telemetry and Service Channel Wiring
422-504-100	1	System Description and Application Engineering NOTE: Provides binder, tabs, and the documents: 422-504-101 422-504-110 422-504-120 422-504-130 422-504-140 422-504-150 422-504-160 422-504-170 422-504-180
■ 422-504-100AC	1	System Description and Application Engineering NOTE: Provides binder, tabs, and the documents: 422-504-101AC 422-504-120AC 422-504-140AC 422-504-140AC 422-504-150AC 422-504-160AC 422-504-170AC 422-504-180AC
422-504-101	1	Introduction \m System Description and Application
422-504-101AC	1	Introduction \m System Description and Application
■ 422-504-110	1	Digital Radio Fundamentals
422-504-120	1	System Features and Specifications
■ 422-504-120AC	1	System Features and Specifications
422-504-130	1	System Description
■ 422-504-130AC	1	System Description
422-504-140	1	Maintenance Philosophy and Provisions
■ 422-504-140AC	1	Maintenance Philosophy and Provisions
422-504-150	1	System Operation
■ 422-504-150AC	1	System Operation
422-504-160	1	Route Engineering
■ 422-504-160AC	1	Route Qualification and Engineering
422-504-170	1	System Application
■ 422-504-170AC	1	System Application
422-504-180	1	Recommended Test Equipment and Sparing
■ 422-504-180AC	1	Recommended Test Equipment and Sparing
■ Addendum	1	DRTS Supplement
■ 422-504-200	1	Turnup Procedures and Preservice Tests (9-92) NOTE: Provides binder, tabs, and the documents: 422-504-211 422-504-212 422-504-213 422-504-215 422-504-220 422-504-230 422-504-240 422-504-250 422-504-260
■ Addendum	1	DRTS supplement
■ 422-504-200AC	1	Turnup Procedures and Preservice Tests NOTE: Provides binder, tabs, and the documents: 422-504-211AC 422-504-212AC 422-504-213AC 422-504-215AC

Number	Issue	Subject
		422-504-220AC 422-504-230AC 422-504-240AC 422-504-250AC 422-504-260AC 422-504-270AC
■ 422-504-201AC	1	Introduction
Revision 1	1/94	
Addendum	1	
422-504-211	1	Turnup Procedures and Preservice Tests — Radio Transmitter/Receiver (9-92)
■ Revision 1AC	1/94	
■ Addendum AC	1	
■ 422-504-211AC	1	Initial Tests — Radio Transmitter/Receiver
422-504-212	2	Turnup Procedures and Preservice Tests — Digital Terminal (11-93)
■ 422-504-212AC	1	Initial Radio Transmitter/Receiver
422-504-213	2	Turnup Procedures and Preservice Tests — Digital Regenerator
■ 422-504-213AC	1	Digital Regenerator Bay Initial Checks
Revision 1	1/94	
Addendum	1	
422-504-215	1	Turnup Procedures and Preservice Tests — Radio Transmitter/Receiver (9-92)
■ 422-504-215AC	1	Final Tests — Radio Transmitter/Receiver
Revision 1	1/94	
Addendum	1	
422-504-220	1	Turnup Procedures and Preservice Tests — Hop Alignment Tests (9-92)
■ 422-504-220AC	1	Hop Alignment Tests
Revision 1	1/94	
Addendum	1	
422-504-230	1	Turnup Procedures and Preservice Tests — Hop Performance Tests (9-92)
■ 422-504-230AC	1	Hop Performance Tests
Revision 1	1/94	
Addendum	1	
422-504-240	1	Turnup Procedures and Preservice Tests — Alarm Verification Tests (9-92)

Number	Issue	Subject
■ 422-504-240AC	1	Alarm Verification Tests
Revision 1	1/94	
Addendum	1	
422-504-250	1	Turnup Procedures and Preservice Tests — Switch Section Performance Tests (9-92)
■ 422-504-250AC	1	Switch Section Performance Tests
Revision 1	7/94	
422-504-255	1	Turnup Procedures and Preservice Tests — For Systems Requiring FMAD (11-93)
■ 422-504-255AC	1	FMAS Acceptance Tests
Revision 1	1/94	
Addendum	1	
422-504-260	1	Turnup Procedures and Preservice Tests — Channel Growth (9-92)
■ 422-504-260AC	1	Channel Growth
■ 422-504-270AC	1	FMAS Applications
■ 422-504-299AC	1	Supp Page Turnup Procedures
■ Addendum	1	DRTS Supplement
422-504-300	1	Operation and Maintenance — Terminal Station Manual (9-92) NOTE: Provides binder, tabs, and the documents listed:
		422-504-301 422-504-305 422-504-310 422-504-315 422-504-320 422-504-330 422-504-331 422-504-332 422-504-333 422-504-334 422-504-335 422-504-336 422-504-337 422-504-338 422-504-339 422-504-339 422-504-340 422-504-350 422-504-360 422-504-370
■ Addendum AC	1	DRTS supplement
■ 422-504-300AC	1	Operation and Maintenance — Terminal Station Manual NOTE: Provides binder, tabs, and the documents listed:
		422-504-300AC 422-504-301AC 422-504-305AC 422-504-310 422-504-315AC 422-504-320AC 422-504-330AC 422-504-332AC 422-504-333 422-504-334AC 422-504-335AC 422-504-336

Number	Issue	Subject
		422-504-337AC 422-504-338AC 422-504-339AC 422-504-340AC 422-504-359AC 422-504-364AC 422-504-370AC
422-504-301	1	Radio Transmitter Trouble Clearing
■ 422-504-301AC	1	Introduction
422-504-305	2	DR4-20-90G Digital Radio System Operation and Maintenance Terminal Station Annual FCC Tests (9-94)
■ 422-504-305AC	2	DR4-20-90G Digital Radio System Operation and Maintenance Terminal Station Annual FCC Tests (9-94)
Revision 1	1/94	
422-504-310	1	Operation
Revision 1	1/94	
422-504-315	1	Equipment Identification
■ 422-504-315AC	1	Equipment Identification
422-504-320	1	Maintenance
■ 422-504-320AC	1	Maintenance
422-504-330	1	Station Trouble Diagnosis
■ 422-504-330AC	1	Station Trouble Diagnosis
422-504-331	1	Terminal Trouble Clearing
■ 422-504-331AC	1	Terminal Trouble Clearing
Revision 1	1/94	
Addendum	1	
422-504-332	1	Operation and Maintenance Terminal Station — Terminal Test Procedures (9-92)
■ 422-504-332AC	1	Terminal Test Procedures
422-504-333	1	Terminal Replacement Procedures
422-504-334	1	Radio Receiver Trouble Clearing
■ 422-504-334AC	1	Radio Receiver — Trouble Clearing
Revision 1	1/94	
Addendum	1	
422-504-335	1	Operation and Maintenance — Radio Receiver Test Procedures /504-338 (9-92)
Revision 1AC	1/94	
■ Addendum	1	
■ 422-504-335AC	1	Radio Receiver — Test Procedures
422-504-336	1	Radio Receiver Replacement Procedures
422-504-337	1	Radio Transmitter Trouble Clearing
■ 422-504-337AC	1	Radio Transmitter — Trouble Clearing
Revision 1	1/94	
Addendum	1	
422-504-338	1	Operation and Maintenance — Radio Transmitter Test Procedures (9-92)
■ 422-504-338AC	1	Radio Transmitter — Test Procedures
422-504-339	1	Radio Transmitter Replacement Procedures
■ 422-504-339AC	1	Radio Transmitter — Replacement Procedures
Revision 1	1/94	
Addendum	1	
422-504-340	1	Operation and Maintenance — Hop Performance Tests (9-92)
■ 422-504-340AC	1	HOP Performance Test
422-504-350	1	Repair Verification
■ 422-504-350AC	1	Repair Verification
422-504-360	1	Test Equipment and Accessories
■ 422-504-360AC	1	Test Equipment and Accessories
■ Appendix 1	1	ME645A MRTS (Microwave Radio Test Set)
422-504-370	1	Test Equipment and Accessories
■ 422-504-370AC	1	System Glossary
■ Addendum	1	DRTS Supplement
422-504-400	1	Operation and Maintenance, Regenerator Station (9-92) NOTE: Provides binder, tabs, and the documents listed: 422-504-401 422-504-405 422-504-410 422-504-415 422-504-420 422-504-430 422-504-431 422-504-432 422-504-433 422-504-450
■ Addendum AC	1	DRTS supplement
■ 422-504-400AC	1	Operation and Maintenance — Regenerator Station NOTE: Provides binder, tabs, and the documents listed: 422-504-401AC 422-504-405AC 422-504-410 422-504-415AC 422-504-420AC 422-504-430AC 422-504-431AC 422-504-432 422-504-433 422-504-450AC

Number	Issue	Subject
422-504-401	1	Introduction
■ 422-504-401AC	1	Introduction
422-504-405	2	DR4-20-90G Digital Radio System Operation and Maintenance Regenerator Station Annual FCC Tests (9-94)
■ 422-504-405AC	2	DR4-20-90G Digital Radio System Operation and Maintenance Regenerator Station Annual FCC Tests (9-94)
422-504-410	1	Operation
422-544-415	1	Equipment Identification
■ 422-504-415AC	1	Equipment Identification
422-504-420	1	Maintenance
■ 422-504-420AC	1	Regenerator Station Maintenance
422-504-430	1	Station Trouble Diagnosis
■ 422-504-430AC	1	Station Trouble Diagnosis
422-504-431	1	Regenerator Trouble Clearing
■ 422-504-431AC	1	Trouble Clearing
Revision 1	1/94	
422-504-432	1	Operation and Maintenance, Regenerator Station —) Regenerator Test Procedures (9-92)
■ 422-504-432AC	1	Regenerator Test Procedures
422-504-433	1	Regenerator Replacement Procedures
422-504-450	1	Repair Verification
■ 422-504-450AC	1	Repair Verification
■ Addendum	1	DRTS Supplement
422-504-500	1	Engineering Reference Manual (4 volumes) (9-92) NOTE: Provides binders, tabs, and the documents listed: 422-504-501 422-504-505 422-504-510 422-504-515 422-504-520 422-504-525 422-504-530 422-504-535 422-504-560 422-504-565

Number	Issue	Subject
■ Addendum AC	1	DRTS supplement
■ 422-504-500AC	1	Engineering Reference Manual (4 Vols) NOTE: Provides binder, tabs, and the documents listed: 422-504-501AC 422-504-505AC 422-504-510AC 422-504-515 422-504-520AC 422-504-525AC 422-504-530AC 422-504-560AC 422-504-565AC
422-504-501	1	Introduction
■ 422-504-501AC	1	Introduction
■ 422-504-505AC	1	System Performance Diagnostics
422-504-505	1	System Performance Diagnostics
422-504-510	1	Continuous Performance Monitoring
■ 422-504-510AC	1	Continuous Performance Monitoring
422-504-515	1	DS3-to-DS3 Performance
Revision 1	1/94	
422-504-520	1	Fade Margin and Interference
■ 422-504-520AC	1	Fade Margin and Interface
422-504-525	1	Radio Transmission Test
■ 422-504-525AC	1	Radio Transmission Test
422-504-530	1	Differential Absolute Delay Equalization
■ 422-504-530AC	1	Differential Absolute Delay Equalization
422-504-535	1	Remote Telemetry Assignments
422-504-560	1	90C Line Terminal Drawings (Vol. 3)
■ 422-504-560AC	1	90C Line Terminal Drawings
422-504-565	1	90C Digital Regenerator Drawings (Vol. 3)
■ 422-504-565AC	1	90C Digital Regenerator Drawings
Addendum	1	DRTS supplement
■ 422-504-600	1	FMAC Operator's Guide NOTE: Provides binder, tabs, and the documents listed: 422-504-601 422-504-610 422-504-620 422-504-621 422-504-630 422-504-640 422-504-650 422-504-660 422-504-665

Number	Issue	Subject
■ 422-504-600AC	1	FMAC Operator's Guide NOTE: Provides binder, tabs, and the documents listed: 422-504-601AC 422-504-605AC 422-504-610AC 422-504-620AC 422-504-621AC 422-504-622AC 422-504-630AC 422-504-635AC 422-504-640AC 422-504-650AC 422-504-660AC 422-504-665AC
422-504-601	1	Introduction
■ 422-504-601AC	1	Introduction
■ 422-504-605AC	1	Maintenance Plan
422-504-610	1	Route Diagrams
■ 422-504-610AC	1	Route Diagrams
422-504-620	1	SCOTS (Surveillance and Control of Transmission Systems) Alarm Analysis
■ 422-504-620AC	1	SCOTS (Surveillance and Control of Transmission Systems) Alarm Analysis
422-504-621	1	Performance Analysis
■ 422-504-621AC	1	Performance Analysis
■ 422-504-622AC	1	Nonalarm Trouble Analysis
422-504-630	1	Repair Verification and System Restoral
■ 422-504-630AC	1	Repair Verification and System Restoral
■ 422-504-635AC	1	Alarm Center Reports
422-504-640	1	Scan Point Explanation
■ 422-504-640AC	1	Scan Point Explanation
422-504-650	1	Control Point Explanations
■ 422-504-650AC	1	Control Point Explanations
422-504-660	1	Control Point Explanations
■ 422-504-660AC	1	Remote System Operations
422-504-665	1	SCOTS Alarm/Control Test Procedures
■ 422-504-665AC	1	SCOTS Alarm/Control Test Procedures
■ Addendum	1	DRTS Supplement
422-504-700	1	Transmitter Power Control Retrofit (9-92) NOTE: Provides binder, tabs, and the documents listed: 422-504-701 422-504-710 422-504-720 422-504-730 422-504-740 422-504-750
422-504-701	1	Introduction
Revision 1	1/94	
Addendum	1	
422-504-710	1	Transmitter Power Control Retrofit — Installation (9-92)
422-504-720	1	Testing
Revision 1	1/94	
Addendum	1	
422-504-730	1	Transmitter Power Control Retrofit — Initial Radio Transmitter/Receiver Tests (9-92)
Revision 1	1/94	
Addendum	1	
422-504-740	1	Transmitter Power Control Retrofit — Final Radio Transmitter/Receiver Tests (9-92)
422-504-750	1	Alarm Verification Tests
■ Addendum	1	DRTS Supplement
422-504-800	1	Radio Transmitter/Receiver With TPC (9-92) NOTE: Provides binder, tabs, and the documents listed: 422-504-801 422-504-815 422-504-820 422-504-834 422-504-835 422-504-837 422-504-838 422-504-839 422-504-840 422-504-850
422-504-801	1	Introduction
422-504-815	1	Equipment Identification
422-504-820	1	Maintenance
422-504-834	1	Radio Receiver Trouble Clearing
Revision 1	1/94	
Addendum	1	
422-504-835	1	Operation and Maintenance—Radio Transmitter/Receiver With TPC — Radio Receiver Test Procedures (9-92)
422-504-837	1	Radio Transmitter Trouble Clearing
Revision 1	1/94	
Addendum	1	
422-504-838	1	Radio Transmitter Test Procedures
422-504-839	1	Radio Transmitter Replacement Procedures

Number	Issue	Subject
422-504-840	1	Hop Performance Tests
422-504-850	1	Repair Verification

422-6 Pulse Monitors

422-600 Violation Pulse Monitor

■ Addendum AC	1	
422-600-100AC	1	User's Manual

Division 460

General InformationCustomer Equipment

460-0 Indexes

460-1 Service Protection

460-2 Ringing and Battery Feeders

460-3 General Precautions — Station Tools, Materials, and Procedures

Number	Issue	Subject
460-0 Indexes		
460-000-000	68	Numerical Index — Division 460 — General Information — Customer Equipment
460-000-006	6	Alphabetic-Numeric Index — Station, Key, PBX, and Private Service Systems
460-001-010	12	Station and PBX Schematic Drawings (SDs) and Associated Circuit Descriptions (CDs) Available in Handbook Size
460-1 Service Protection		
460-110-100	6	Special Safeguard Measures (SSM) and Special Service Protection (SSP)
460-110-101	6	Special Service Lines — Protection and Termination of Data, Telegraph, and Radio Program Loops
460-110-130	1	Marking Physical Location of Station Equipment and Cable
460-110-400	1	Special Safeguard Measures — Radio and Telegraph Loops
460-2 Ringing and Battery Feeders		
460-260-210	1	Ringing Feeders — Installation, Connection and Distribution — Customer Equipment
460-260-545	4	Battery Feeders — Resistance Measurements — Customer Equipment
460-3 General Precautions — Station Tools, Materials, and Procedures		
460-300-102	1	Subscriber Line Verification Using Automatic Number Announcement Circuit
460-300-108	3	Reference — Ladders — Safety Precautions, Description, Transporting, and Use
Addendum	2	
460-300-110	1	Climbing Precautions
460-300-111	1	Joint Use Poles Clearance and Separations
460-300-115	1	Minimum Approach Distances to Exposed Energized Power Conductors
Addendum	1	
460-300-121	1	Drop From Open and Rural Lines
460-300-123	2	Drop and Block Wire — Attaching and Fastening
460-300-127	1	Pole-to-Pole and Pole-to-Building Runs
460-300-129	1	Drop and Block Wire — Discontinuance of Service
460-300-131	1	Multiple Drop Wire Placement
460-300-134	3	Dedicated Plant — Wiring Access Points
460-300-140	1	Wire Terminals — Multiple Line Wires
460-300-143	3	Buried Plant — Buried Wire Terminations
460-300-149	3	Separation and Mechanical Protection for Wire and Cable

Division 461

Wiring and CablingCustomer Equipment

461-0 Index

461-1 Customer Premises Wire and Cable Systems

461-2 Inside Wire and Inside Wire Cable

461-3 Conduits, Raceways, and Overfloor Ducts

461-4 Customer Participation Products

461-6 Connecting and Matrix Blocks, Terminals, Jacks, and Plugs

Number	Issue	Subject
461-0 Index		
461-000-000	44	Numerical Index — Division 461 — Wiring and Cabling — Customer Equipment (5-95)
461-1 Customer Premises Wire and Cable Systems		
461-110 SYSTIMAX® PDS Application Guides		
461-110-001	1	IBM* Token Ring Application Guide
461-110-002	1	Pilkington Flexilink 6000 Application Guide
461-110-003	1	Farallon PhoneNET† Application Guide
461-110-004	1	FDDI Design Guidelines
461-110-005	7	EIA-232-D Application Guide
461-110-006	1	FDDI Application Guide
461-110-007	8	SYSTIMAX PDS Performance Specifications (7-95)
461-110-008	1	SYSTIMAX PDS UNYSIS Air/Land System Application Guide
461-110-009	1	SYSTIMAX PDS Application Guide Set (Set Includes: Binder, Inserts and 10 Application Manuals — No Binders)
461-110-010	5	SYSTIMAX PDS Application Guide Tabs and Binder Inserts (No Binder)
461-110-011	4	WANG* Application Guide (6-95)
461-110-012	1	VingCard† Hotel Security System Application Guide (11-92)
461-110-013	1	Honeywell DeltaNet Systems Design Guide
461-110-014	1	SYSTIMAX PDS UNISYS Advanced Tele-Cluster System Application Guide
461-110-015	1	IBM ESCON Application Guide
461-110-016	4	SYSTIMAX IBM 3270 Application Guide
461-110-017	1	Fujitsu M System Application Guide
461-110-018	1	RAYLAN Fiber Optic Token Ring Series Application Guide
461-110-019	1	SynOptics LattisNet Active Token Ring Application Guide
461-110-020	1	IBM Token Ring 8230 Application Guide Supplement
461-110-021	2	Baseband Video Application Guide (3-95)
461-110-022	1	Token Ring System Guide
461-110-023	1	ILC (International Computer Ltd.) DRS-CONNECT Systems Application Guide
461-110-024	1	10BASE-T Application Guide
461-110-025	1	ICL (International Computers Ltd.) DRS-CONNECT System Application Guide
461-110-026	1	Honeywell European Systems Design Guideline (3-94)
461-110-027	1	SYSTIMAX RAD Token Ring Products Application Guide
461-110-028	4	IBM Systems 36/38 & AS/400 Application Guide (6-95)
461-110-029	1	SYSTIMAX SCS TP-PMD Application Guide (6-95)

* IBM is a registered trademark of International Business Machines Corporation

† PhoneNET is a registered trademark of Farallon Computing, Inc.

* WANG is a registered trademark of WANG Laboratories, Inc.

† VingCard is a registered trademark of Trioving A.S.

Number	Issue	Subject
461-110-030	1	SYSTIMAX Structured Cabling Systems (SCS) Active Token Ring Application Guide (6-95)
461-110-031	1	SYSTIMAX Intelligent Building Systems (IBS) Johnson Controls METASYS Design Guidelines (6-95)
461-110-032	1	SYSTIMAX Intelligent Building Systems (IBS) Staefa Controls Design Guidelines (6-95)

461-115 SYSTIMAX® PDS General Documents

461-115-002	4	Wire Installation Manual (5-95)
461-115-004	4	Fiber Installation Manual (5-95)
461-115-005	--	Document Set (includes an Application Guide set, Product Manual set, and one each of every core document except Design Guide, formerly 555-400-011)
461-115-006	3	SYSTIMAX SCS Administration Manual (3-95) Note: Replaces 555-401-100
461-115-008	3	SYSTIMAX SCS Requirments Survey (6-95) Note: Replaces 555-400-601
✇461-115-500	1	SYSTIMAX Structured Cabling System (SCS) Products Guide CD-ROM

461-120 SYSTIMAX® PDS Product Manuals

461-120-005	7	Z3A Asynchronous Data Unit Product Manual
461-120-007	8	353 Adapters Product Manual
461-120-008	3	SYSTIMAX PDS Token Ring Adapters Product Manual
461-120-009	--	SYSTIMAX PDS Product Manual Set
461-120-010	5	SYSTIMAX PDS Product Manual Tabs, Cover, and Spine Inserts
461-120-011	7	361A Adapter Product Manual
461-120-012	--	SYSTIMAX PDS Approved Product List 361A Adapter Product Manual
461-120-013	2	SYSTIMAX PDS 353M16 Installation Instructions
461-120-014	8	SYSTIMAX PDS 365A Installation Instructions
461-120-015	3	SYSTIMAX PDS 365B Installation Instructions
461-120-016	2	SYSTIMAX PDS D182643 Parts Kit Installation Instructions
461-120-017	1	SYSTIMAX PDS 380B Installation Instructions
461-120-018	1	SYSTIMAX PDS 384A Installation Instructions
461-120-019	1	PATCHMAX Installation Instructions (6-95)

461-2 Inside Wire and Inside Wire Cable

461-200-100	9	Inside Wire and Cable — Selection
461-200-101	7	Connector Cables — Identification
461-200-102	8	Adapters For Use With Connector Cables — Identification and Application
461-200-103	4	Adapters and Covers — Identification and Installation
461-200-200	9	Station Wire and Cable — Installation and Route Selection
461-200-202	2	Concealing Wire and Cable Without Conduits or Raceways
461-200-203	11	Handling Station Wire and Cable
461-200-204	1	Disposition of Disconnected Wire and Cable
461-200-205	5	Splicing Station Wire and Inside Wiring Cable
Addendum	1	
461-200-206	3	B Station Wire and Associated Apparatus — Identification and Installation — Station Wiring
461-200-207	2	25-Pair Undercarpet Cable Installation Inside Wire Cable Customer Equipment
461-200-208	1	4-Pair Undercarpet Telephone Cable — Installation Methods Inside Wire Cable
461-200-210	12	Station Wire and Cable Attaching and Fastening — Description
461-200-211	1	B Plenum Cable — Description and Installation
461-210-200	5	Wiring Desks and Tables
461-220-100	3	Mobile or Manufactured Home Wiring — Permanent Type

Number	Issue	Subject
461-220-101	3	Recreational Vehicle Wiring — Nonpermanent-Type (Trailers, Campers, Truck Campers, Motor Homes and Boats)

461-3 Conduits, Raceways, and Overfloor Ducts

461-300-100	1	Conduits, Raceways, and Overfloor Ducts — General
461-300-101	2	Conduit, Underfloor Duct, and Fittings — Identification, Placing Wire and Cable
461-300-102	1	Raceways — Identification and Installation
461-310-101	1	Prewiring — High Rise Apartment Buildings — Identification
461-310-102	1	Prewiring — Single Family, Condominium, Town House, Other Residential Dwellings, and Simple 1 and 2 Line Business Systems — Identification and Installation
461-310-201	1	Prewiring — High Rise Apartment Buildings — Installation
461-310-401	1	Prewiring — High Rise Apartment Buildings — Connecting Services
461-350-100	5	Overfloor Ducts and Associated Fittings — Identification and Installation
461-400-100	1	Customer Participation Products — Identification and General Information

461-4 Customer Participation Products

461-400-110	1	224A and 225A Adapters Identification — Adapter Arrangements
461-400-120	2	Modular Conversion Arrangements — Identification and Installation — Customer Participation Products
461-400-130	1	Extension Cords and Phonemount — Identification — Extension of Service Arrangements
461-400-140	1	800A Station Wire Box — Prewire Arrangements — Identification, Installation, and Maintenance
461-400-141	1	725FS and 830A4 Connecting Blocks and 65B Faceplate — Identification, Installation, and Maintenance — Prewire Arrangements
461-400-150	2	625TD Connecting Block — Identification and Installation Standard Network Interface — New Service Arrangements
461-400-151	2	742-Type Connecting Blocks — Identification — Bridging Arrangements
461-400-152	1	725FSA Connection Block — Identification — New Service Arrangement — Postwire Flush — Customer Participation
461-400-153	1	630B Connecting Block Identification, Installation, and Maintenance
461-400-154	1	725S Connecting Block Identification New Service Arrangements — Postwire Flush Customer Participation Products
461-400-155	2	725A-Type Connecting Block Identification
461-400-156	1	953A-S Tool — Identification
461-400-157	1	Telephone Station Wire — Identification
461-400-158	1	700A-S Modular Plug — Identification

461-6 Connecting and Matrix Blocks, Terminals, Jacks, and Plugs

461-600-100	3	Connecting Blocks — Selection
461-600-103	1	Connecting Blocks-Modular — Selection
461-601-100	1	Connecting Blocks — 30- and 31-Type — Identification, Installation, and Wiring
461-602-100	4	Connecting Blocks — 42-Type, 44A, and 47-Type — Identification, Installation, and Wiring
Addendum	1	
461-603-100	3	Connecting Blocks — 57, 59, and 60 Types — Identification, Installation, and Wiring
Addendum	1	
461-604-100	7	66-Type Connecting Blocks — Tools, Terminating, Adapters, Maintenance

Number	Issue	Subject
461-604-101	5	Connecting Blocks, 66-Type — Numbering and Wiring Plan
461-604-102	7	Connecting Blocks — 66A, B, C, and M- Type — Identification
461-604-103	4	Connecting Blocks — 66E3-25, 66E4-25, 66E8-25 and 66E9-25 — Identification and Installation
461-604-104	4	Connecting Blocks — 86A and 96A, 102A, 103A, and 104A — Identification and Ordering
461-604-105	4	Connecting Blocks 66M3-50R (MD) and 66M4-50R (MD) — Identification, Installation, and Maintenance
461-604-106	2	700-Series — Interface Facilities — Identification, Installation, and Maintenance
461-606-100	4	Connecting Blocks — 71-, 74-, and 75- Type — Identification, Installation, and Wiring
461-608-100	3	Connecting Blocks and Wiring Blocks — 88-Type
461-610-100	8	625-, 630-, 635-, 725-, 742-, and 830-Type Connecting Blocks — Identification, Installation, and Connections
461-618-201	2	Connecting Blocks and Terminals — Cross Connecting and Wiring
461-619-101	4	Terminals — Outdoor Wiring
461-620-100	3	Matrix Block — 1A1 — Identification, Installation, Wiring, and Maintenance
Addendum	1	
461-630-100	12	Station Equipment — Jacks, Plugs, and Adapters — Identification, Installation, and Service
461-630-110	2	Mounting Bracket, Multiple Use KS-20502
461-630-115	1	Jack, Television — SKL964-16U

Division 462

Drop and Block WiringDedicated Plant and C Rural Wire

462-0 Indexes, Data Sheets, Standard Material Clearances and CIRs
- -000 Indexes
- -005 Data/Instruction Sheets
- -030 Standard Materials
- -070 Clearances

462-2 Wiring
- -200 Splices
- -240 Drops From Open Wire
- -242 Customer Closures
- -250 Wiring at Serving Area Connector
- -260 Wiring at Terminals
- -275 Subscriber Carrier

462-3 Attachments
- -300 Pole Strand and Tree Attachments
- -350 Building Attachments

462-4 Placements
- -400 Placing
- -450 Mechanical Protection

462-5 Multiply Drop and Rural Wire
- -500 Multiply Drop Wire
- -525 Rural Wire

462-6 Dedicated Plant
- -600 Wiring Access Points

462-8 Wire Maintenance
- -800 Maintenance of Drop Wire

-462-W WIPS (Workcenter Information Packages)
- -WIPS Workcenter Information Packages

Number	Issue	Subject
462-0 Indexes, Data Sheets, Standard Material Clearances and CIRs		
462-000 Index		
462-000-000	4	Numerical Index — Division 462 — Drop and Block Wiring — Dedicated Plant and C Rural Wire
462-005 Data/Instruction Sheets		
462-005-100	3	Station Protection and Grounds — Identification, Selection, and Installation
462-005-101	2	125EW, 125EWB-, and 125EKW-Type Wide Gap Protectors — Description, Installation, and Testing
462-005-150	3	B2 Customer Service Closure — Description and Use
462-005-160	1	100-Type NIU (Network Interface Unit) — Description and Installation
462-005-165	1	200 Series NIU (Network Interface Unit) — Description and Installation
462-005-171	3	400 Network Interface Unit (NIU) Family — Description and Installation (2-93)
462-005-172	1	500 Series NIU (Network Interface Unit) Description and Installation
462-005-173	2	600 Series Network Interface Unit (NIU) — Description and Installation
462-005-175	1	8A1A (F-62007) Termination Unit — Description and Installation
462-005-178	2	401 NIUS (Network Interface Units) — Description and Installation
462-030 Standard Materials		
Addendum	2	
462-030-100	8	Drop, Block, and Cross-Connect Wiring — Insulated Wire
462-030-121	1	E Ground Rod (AT-8985) — Description and Use

Number	Issue	Subject
462-070 Clearances		
462-070-015	3	Drop Wire Clearances
462-2 Wiring		
462-200 Splices		
462-200-200	6	Drop and Block Wiring —Splicing
462-200-201	2	B Drop Wire Splice (AT-9015) — Description and Use
462-200-225	1	C, D, and E Service Wire Closures — Description and Use — Burled Service Wire
462-240 Drops From Open Wire		
462-240-120	6	101-Type Wire Terminals — Description and Installation
462-240-200	3	Drops From Open and Rural Wire Lines
462-242 Customer Closures		
462-242-101	1	AT-8813 B, C, and D — Customer Service Closures — Description and Use
462-250 Wiring at Serving Area Connector		
462-250-105	2	Serving Area Interface AT-8630 and B Aerial Interface AT-8685 — Wiring
462-250-106	2	88-Type Connecting Block—Wiring—40- Type Cabinets
462-250-107	4	108 Connectors and 76-Type Binding Posts — Wiring — 40-Type Cabinets (2-93)
462-250-110	2	Wiring 108 Connectors and 76-Type Binding Posts — Cross-Connect Methods — 80-Type Cabinets
462-260 Wiring at Terminals		
462-260-201	3	Wiring at Aerial Cable Terminals
462-260-203	1	B-Type Cable Terminal — Wiring
462-260-207	4	Buried Service Wire — Terminations
462-265-201	2	Wiring at Main Building Terminals Using Quick Connect Hardware
462-265-202	2	Wiring at Main Building Entrance Terminals Using 88-Type Quick-Connect Hardware
462-265-211	1	Wiring Building Riser and Distribution Terminals
462-265-212	2	Wiring at Riser and Distribution Terminals Using 88-Type Quick-Connect Hardware
462-275 Subscriber Carrier		
462-275-201	2	4159-Type Network — Description and Installation
462-3 Attachments		
462-300 Pole Strand and Tree Attachments		
Addendum	2	
462-300-200	4	Drop and Block Wiring — Climbing Space
462-350 Building Attachments		
462-350-211	4	Attaching Devices for Walls in Medium and Light Loading Areas
462-350-212	4	Attaching Devices for Walls in Heavy Loading Areas
462-350-213	4	Fastening and Equipping — Drop Wire Runs to Buildings
462-350-214	4	Fastening and Equipping Intermediate and Last Attachments of Drop and Block Wire Runs on Buildings
462-4 Placement		
462-400 Placing		
462-400-100	3	B Drop Wire Rule
462-400-200	4	Stringing Sags for Drop Wire
462-400-206	3	Aerial Service (Drop Wire) — Placing, Replacing, Lowering, and Removing
462-400-211	3	Pole-to-Building and Pole-to-Pole Runs
462-405-205	4	Coaxial — Placing

Number	Issue	Subject
462-450 Mechanical Protection		
462-450-100	2	Wire Guards
462-450-200	3	Avoiding Tree Interference
462-450-205	3	Separation and Mechanical Protection
462-5 Multiply Drop and Rural Wire		
462-500 Multiple Drop Wire		
462-500-011	5	Block Wiring — Multiple Pair Aerial Service Wire — Placing and Stringing Sags
Addendum	1	
462-500-015	1	Clearances for Multiple Drop Wire in Light Loading Area
Addendum	1	
462-500-016	1	Clearances for Multiple Drop Wire in Medium Loading Area
Addendum	1	
462-500-017	2	Clearances for Multiple Drop Wire in Heavy Loading Area
462-525 Rural Wire		
462-525-015	1	C Rural Wire — Clearances — Light Loading Area
462-525-016	1	C Rural Wire — Clearances — Medium Loading Area
462-525-017	1	C Rural Wire — Clearances — Heavy Loading Area
462-525-101	2	C Rural Wire — Description, Precautions, Attachments, and Placing Operations (2-93)
462-525-105	2	Drainage Protection — C Rural Wire (2-93)
462-525-115	2	C Rural Wire — Stringing Sags (2-93)
462-525-150	2	C Rural Wire — Terminating (2-93)

Number	Issue	Subject
462-6 Dedicated Plant		
462-600 Wiring Access Points		
462-600-200	3	Dedicated Plant — Wiring Access Points
462-8 Wire Maintenance		
462-800 Maintenance of Drop Wire		
462-800-305	3	Repair
462-W WIPs (Workcenter Information Package)		
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* PAGEPAC is a registered trademark of Harris Corporation.

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Division 473

Intra-PBX Protection of Service, Code Calling, Customer Training,Dispatching, Emergency Reporting, Interface Trunks, Message Waiting, Recorded Telephone Dictation, Telephone Answering Systems, and Transmitter Transfer Customer Equipment

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Division 475

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475-300-320	1	Method of Taking Equipment Out of Service
475-300-505	1	Allotter Circuit and Associated Alarm and Registers — Tests and Inspections
475-300-507	1	Attendant Telephone and Trunk Circuits — Operation Tests
475-300-520	1	Calls Waiting Signal and Register Circuit — Tests and Inspections
475-300-655	1	Start Circuit and Associated Alarm Circuit — Tests and Inspections
475-300-665	1	Incoming Trunks — Incoming Trunk Selector Control Circuit — Operation Tests

475-5 Management Information Systems (MIS) — Automatic Call Distribution (ACD) and Personal Computer (PC)

■ 475-550-100	7.00	PINNACLE ACD/MIS — Supervisor's Reference Guide 5E6-5E9 Software Release 1V
Appendix 1	3.00	ACD/MIS — Information for the Switch Administrator
475-550-101	1.00	ACD/MIS — Agent's BST (Basic Service Terminal) Guide
475-550-102	1.00	ACD/MIS — Supervisor's BST Guide
475-550-104	7.00	PINNACLE™ ACD/MIS Operator/Administator's Reference Guide — 5E6-5E9 Software Release 1V
Appendix 1	3.00	Information for the Switch Administrator — 5E4-5E6 Software Releases
Appendix 2	3.00	Customer Setup Forms — 5E4-5E6 Software Releases
Appendix 3	3.00	Software Update Administration
■ 475-550-105	7.00	PINNACLE ACD/MIS — Site Preparation Guide (5E6-5E9) Software Release 1V

	Number	Issue	Subject
■	475-550-107	8.01	PINNACLE ACD/MIS Application Initial Installation/Upgrade Guide 5E6-5E9 Software Release 1V
	475-550-108	5.00	PINNACLE ACD/MIS Applications Processor Interface Specification 5E6-5E9 Software Release 1V
	475-550-109	8.00	PINNACLE ACD/MIS Release 9 Application Interface Unit Site Preparation Guide 1V 5E6-5E9
	475-550-110	6.00	PINNACLE ACD Operator/Administrator Reference Guide Application Interface Unit 5E6-5E9 Software Release 1V
	475-550-111	5.00	PINNACLE ACD Supervisor Workstation Interface Specification 5E6-5E9 Software Release 1V
■	475-550-112	4.01	PINNACLE™ ACD — Release 7 Enhancements — Report Analysis Guide
	475-550-113	2.00	PINNACLE ACD Force Management System Interface Specification Release 9 5E6-5E9 Software Release
	475-550-114	5.00	PINNACLE ACD Agent Communication Terminal — Agent and Supervisor Guide 1V
	475-550-115	3.00	PINNACLE ACD/MIS Agent Communication Terminal Supervisor's Guide
	475-550-116	2.00	PC/MIS — (Personal Computer/Management Information System) — Site Preparation Guide — 5E4-5E6 Software Releases
	475-550-117	2.00	PC/MIS — Installation Guide
	Appendix 1	1	PC/MIS — Password Table
	475-550-118	3.00	PINNACLE™ Automatic Call Distributor Release 7 Enhancement Agent Communications Terminal Plus Agent's Guide (5-92)
	475-550-119	2.01	PINNACLE ACD Release 6 Enhancements — Agent Communication Terminal Plus— Supervisor's Guide — 5E5 Through 5E6(2) Software Releases and 5E6 Software Releases
	475-550-120	2.01	PINNACLE ACD Call Vectoring Guide Rel. 9 5E6-5E9 Software Releases
	475-550-121	1.00	PINNACLE ACD/MIS — Implementation Guide
	475-550-126	3.00	PINNACLE ACD/MIS Release 7 — Upgrade Guide — 5E4 Through 5E6 Software Releases
	475-550-127	2.00	PINNACLE ACD LiNk II Interface Specification
■	475-550-128	3.00	ACD/MIS Release 6 — Event and Control Link — Upgrade Guide — 5E4-5E6 Software Releases
	475-550-129	1.00	ACD/MIS Release 6 — PC/MIS — Upgrade Guide — 5E4-5E6 Software Releases
	475-550-130	2.00	PINNACLE ACD Public Data Base Interface Specification (Networking II) 5E6-5E9 Software Release 1V
■▲	475-550-133	3.00	PINNACLE ACD Agent Communication Terminal — User's Guide (5E6-5E9) Rel. 1V (6-92)
■	475-550-134	2.00	Agent Communication Terminal Plus — User's Guide (6-92)
	475-550-136	5.00	PINNACLE ACD Installation Upgrade Guide for Sun* Computers 5E6-5E9 Software Release 1V
■	475-550-137	1.01	PINNACLE ACD Release 7 Upgrade Guide for SUN Computers
	475-550-138	2.00	PINNACLE ACD 5ESS Switch Recent Change and Verify Views Guide 5E9 Release 1V
	475-550-139	3.01	PINNACLE ACD/MIS Ordering Guide for MIS on SS5 Platform and AIU on IPX Platform Release 9 5E6-5E9 Software Release 1V
	475-550-140	1.00	PINNACLE ACD Link 1 Administrator's Guide Release 1 5E5 through 5E7

* SUN is a registered trademark of SUN Microsystems, Inc.

Number	Issue	Subject
475-550-141	1.00	PINNACLE ACD Link 1 Installation Guide Release 1 5E5 through 5E6
■ 475-550-142	1.00	PINNACLE ACD and DESTINY® ACD Link 1 Interface Spec
475-550-143	1.00	PINNACLE ACD BRCS Agent Terminal Users Guide 5E6-5E9 Software Release 1V
475-550-144	1.00	PINNACLE ACD/MIS Agent Terminal BRCS and Supervisor's Guide 5E6-5E9 Software Release 1V

475-6 No. 6A Order Turret

475-600-310	2	Alarms — Method of Tracing
475-600-500	2	Alarm and Common Group Circuits — Tests and Inspections
475-600-507	2	Attendant Trunk and Position Circuits — Operation Tests — PBX Information Desk
475-600-664	1	Night Service Trunk Circuit SD-5E036-01 — Operation Test
475-600-665	2	Trunk Finders — Operation Tests
475-600-666	2	Incoming Trunks — Operation Tests — PBX Information Desk
475-600-667	1	Overflow Trunk Circuit SD-5E033-01 — Operation Tests
475-600-669	1	Overflow Control Circuit SD-5E026-01 — Operation Test

Division 476

Force Administration Data System (FADS)Automatic Call Distributing Systems (ACDS) No. 2A, 2B, and 3A, and Call Distributing System No. 4A Customer Equipment

476-0 Indexes and Equipment Test Lists

476-1 Equipment Common to ACDS

476-2 2-TYPE ACD

476-3 NO. 3A ACD

476-4 NO. 4A CD

476-6 General Trade Products — ACD

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	476-000-000	90	Numerical Index — Division 476 — Force Administration Data System (FADS) — Automatic Call Distributing Systems (ACD) — No. 2A, 2B, and 3A, and Call Distributing System No. 4A — Customer Equipment
	476-001-011	5	ETL — No. 2A ACD
	476-001-013	5	ETL — No. 3A ACD
476-099 Customer Information Releases (CIRs)			
❑	476-099-001IR	1	Single Line Interface Unit for Business Office Force Administration Data System (BOFADS), Operations Systems
❑	476-099-002PS	1	Single Line Interface Unit for Business Office Force Administration Data System (BOFADS), Operations Systems
❑	476-099-003TD	1	Single Line Interface Unit for Business Office Force Administration Data System (BOFADS), Operations Systems

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❶	476-100-002	1	Business Services Engineering — CCS Capacity Tables
❶	476-100-003	1	Business Services Engineering — Design Consideration
❶	476-100-004	1	Business Services Engineering — Force Administration Data System (FADS)
	476-100-101	1	KS-21055 NATIS Test Set — Used With Automatic Call Distributing Systems — Description, Installation, Tests, and Maintenance
	476-100-104	1	3B Traffic Usage Recorder — Description, Installation, Connections, Tests, Trouble Location
	476-100-106	1	KS-15947 Totalizer Circuit SD-95965-01 — Description — Installation — Tests
	476-100-501	1	Trunk Identification Control Circuit J53131W — Operations Test
	476-100-600	1	Centralized Attendant Service — Business Services Traffic Engineering
	476-100-701	1	KS-12068, L7 Recorder-Reproducer and Trunk Identification Announcement Amplifiers — Requirements, Adjustments, and Trouble Analysis — 2- and 3-Type Automatic Call Distributors (ACD)
	476-121-100	2	Business Office Force Administration Data System (BOFADS) Using Pollable Data Terminal (PDT) No. 2A — Description and Operation
	476-121-101	1	Business Office Force Administration Data System — Down Line Loading (BOFADS-DLL) — Description and Operation
	Addendum	1	
	476-121-105	2	Business Office Force Administration Data System (BOFADS) Using Pollable Data Terminal (PDT) No. 2A — Installation
	476-121-106	2	Business Office Force Administration Data System — Loading (BOFADS-DLL) — Installation
	476-121-107	2	Business Office Force Administration Data System — Down Line Loading (BOFADS-DLL) — Retrofit Installation

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476-121-111	1	Business Office Force Administration Data System — Down Line Loading (BOFAD- DLL) Trouble — Locating Procedures
476-130-105	2	13A Customer Information System (CIS) — Descriptive Information
476-130-107	2	13A Customer Information System (CIS) — Identification and Preinstallation

476-2 2-TYPE ACD

No. 2A Automatic Call Distributing System

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❶ 476-200-001	1	Business Services Engineering
Addendum	1	
476-200-210	5	Identification and Installation
476-202-210	4	Crown and Power Cables — Method of Connecting
476-204-200	4	House and Feeder Cables — Basic Cabinet — Method of Connecting to Distributing Frame
Addendum	3	
476-204-202	3	House and Feeder Cables — First Supplementary Cabinet — Method of Connecting to Distributing Frame
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476-204-204	3	House and Feeder Cables — Second Supplementary Cabinet — Method of Connecting to Distributing Frame
476-204-206	4	House and Feeder Cables — Transfer Cabinet — Method of Connecting to Distributing Frame
Addendum	1	
476-210-210	6	Attendant Telephone Position — 10- or 11-Type Telephone Console and 12- or 14-Type Apparatus Unit — Method of Connecting
476-212-210	4	Supervisor Telephone Position — Method of Connecting
476-214-210	3	Supervisor Position Lamp Cabinet — Method of Connecting to Distributing Frame
476-215-210	5	Miscellaneous Equipment — Area Identification Equipment, Auxiliary Trunk Units, Hold Units, Announcement Set, 20-Cycle Detector Units, Fads Auxiliary Units, and Auxiliary Incoming Trunk Units — Method of Connecting
Addendum	1	
❶ 476-216-210	4	Distributing Frame Cross-Connections
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476-218-210	4	Service Options — (Trunks, Position Trunks, Night Connections, and Registers) — Method of Providing
476-220-210	1	Tests and Inspection at Time of Installation
476-222-501	2	Alarms — Operation Tests
476-223-501	3	Traffic Registers — Operating Tests Using Test Set SD-65983-01 (J53131AG)
Addendum	1	
476-225-501	2	Attendant Telephone Position — Operation Tests Using Test Set SD-65983-01 (J53131AG)
476-227-501	1	Supervisors Telephone Position — Operation Tests
476-229-501	2	Link, Controller, and Gate Circuit — Operation Tests — Using Test Set SD-65983-01 (J53131AG)
476-237-501	3	Incoming Trunk Circuit Operation Tests — Using Test Set SD-65983-01 (J53131AG)
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476-249-501	2	Auxiliary Trunk Circuit — For Outward Service — From Switchboard to Central Office — Operation Tests Using Test Set SD-65983-01 (J53131AG)
476-256-501	1	Operation Tests
476-256-502	1	Transmission Tests 2A

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	476-270-201	4	Identification and Installation
	476-270-202	3	Cabinet Crown Strapping and Cabling — Method of Providing
	476-270-203	4	Cabling and Cross-Connections — Method of Providing — 2B
	476-270-204	4	Service Options — Method of Providing
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	476-270-301	1	Trouble Locating Information
	476-270-302	2	Consoles — Method of Operation (For Large 2B ACD Attendant Application)
	476-270-303	1	Telephone Sets — Method of Operation (For Small 2B ACD Attendant Application)
	476-270-501	1	Tests and Inspection at Time of Installation
	476-270-503	2	Acceptance and Operation Tests Using J53131AG L3 Test Set
	476-270-505	1	Transmission Tests — 2B
	476-271-301	1	Consoles — Method of Operation — Centralized Attendant Service
	476-3 NO. 3A ACD		
❶	476-303-001	1	Business Services Engineering
❶	476-303-002	1	Business Services Engineering — Split Gate-Interflow Arrangement
❶	476-303-003	1	Business Services Engineering — Automatic Overflow Arrangement
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	476-303-410	1	Attendant Telephone Position — 10- or 11-Type Telephone Consoles and 12- or 14-Type Apparatus Unit — Method of Connecting
	476-303-412	1	12B-Type Telephone Console — Connections
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	476-305-502	1	Alarms — (SD-5E049-01) — Operation Tests
	476-307-501	3	Attendant Telephone Position — Operation Tests — Using Test Set SD-65983-01 (J53131AG)
	476-309-501	3	Supervisor Telephone Position — Operation Tests
	476-312-501	2	Finder Circuits 8-Wire — SD-65962-01 and SD-65975-01 — Operation Tests — Using Test Circuit SD-65963-01 and SD-5E049-01 or SD-65966-01 and SD-5E049-01
	476-313-501	2	Split Gate Finder Circuit SD-5E035-01 and Split Gate Group Circuit SD-5E050-01 — Operation Tests Using Test Set SD-65983-01 (J53131AG)
	476-314-501	1	Selectors — Operation Tests — Using Test Set SD-66073-01 (J54701B)
	476-314-502	1	Selectors — Rotary — Cut-In and Release Tests Using Dial Hand Test Set 3A Automatic Call Distributing System
	476-319-501	3	Delayed Answer Announcement Circuit SD-65971-01 — Operation Tests — Using Test Set SD-65983-01 (J53131AG)
	476-321-501	3	Announcement Trunk Circuit SD-65979-01 — Operation Tests — Using Test Set SD-65983-01 (J53131AG) — 3A Automatic Call Distributing System
	476-323-501	4	Incoming Trunk Circuits SD-65961-01 and SD-65978-01 — Operation Tests
	476-324-501	1	Incoming Trunk Group Peg Count Totalizer SD-65981-01 — 3A Automatic Call Distributing System — Operation Test
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476-4 NO. 4A CD		
❶ 476-400-001	1	Business Services Engineering
476-400-200	2	Identification, Installation, and Connections
476-400-300	2	Maintenance and Method of Operation
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❶ 476-600-001	1	Collins "Galaxy" ACD

Division 478

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❑ 478-100-101	1	Preinstallation Planning Replaced by 999-700-463
478-100-102	2	Administration — Service Manual
478-100-103	2	Growth and Rearrangements (Service Manual)
478-100-104	2	Installation
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478-100-106	2	Installation Tests
❑ 478-100-107	1	Sensors and Controls NOTE: Replaced by 999-700-463
❑ 478-100-201	1	Energy Management Feature NOTE: Replaced by 999-700-056
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Division 480

Private Service SystemsCustomer Equipment

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480-2 Civil Defense Warning System (CDW) — Station Equipment

480-3 Group Alerting System — Station Apparatus; 1A Telephone Warning System; 10A Alerting System; 11A Alerting System and KS-19557 Detector

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480-6 Private Line Terminations and Selective Signaling Systems

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480-310-400	5	Connections
480-315 1A Telephone Warning System		
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480-315-500	2	Tests
480-316 10A Alerting System		
480-316-301	1	Console — Method of Operation
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480-611 Preemption Tone Detector (AUTOVON) — Customer- Provided PBX or Station		
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480-621 Selective Signaling Systems		
480-621-200	2	SS-1 — Identification, Installation, Connections, and Service Options — Private Line Telephone Service
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❶ 480-710-001	1	No. 300 — Business Services Engineering
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480-710-301	3	No. 300 — Method of Operation
480-710-400	3	No. 300 — Sequence Charts and Operational Sketches — Land Line Operation
480-710-401	1	No. 300 — Sequence Charts and Operational Sketches — Radio Line Operation
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480-711-500	2	No. 304 — Overall Tests
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480-713-301	4	306 Console — Method of Operation
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480-714-306	1	No. 307 — Alarm Circuit — Maintenance Tests
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Division 481

Teleconferencing Services

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-102 5ESS® Switch — Teleconferencing Equipment NJ00518

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481-100-200	1	AT&T QUORUM A28 Conferencing Bridge Reference Guide
481-100-201	1	AT&T QUORUM A28 Conferencing Bridge User's Guide
481-100-202	1	AT&T QUORUM A28 Calling Processor Reference Guide
481-102 5ESS® Switch — Teleconferencing Equipment NJ00518		
481-102-100	1	Description
481-102-105	1	Installation and Maintenance
481-2 Video Teleconferencing		
481-200/203 Picturephone Meeting Service — Conference Center		
General		
481-200-001	1	System Description for Initial Service
481-200-002	2	Description
TV Processor		
481-201-001	1	KS-22456 — Description
481-201-002	1	CLI VTS 1.5E — Description
481-201-010	1	KS-22456 — Installation and Connections
481-201-020	1	KS-22456 — Operation, Maintenance, Trouble Locating, and Acceptance Tests
Room Controller Equipment		
481-202-001	2	Description
481-202-010	2	Installation and Connections
481-202-020	2	Operation, Maintenance, Acceptance Tests, and Trouble-Locating
General Trade Equipment		
481-203-001	2	Basic Room Description
481-203-002	1	SHARP* Camera Description
481-203-003	1	PANASONIC† Camera and SONY‡ Monitor — Description
481-203-010	2	Basic Room — Installation and Connections
481-203-011	1	SHARP Camera — Installation and Connections
481-203-012	1	PANASONIC Camera and SONY Monitor — Installation and Connections
481-203-020	2	Basic Room — Operation, Maintenance, Trouble Locating, and Acceptance Tests

* SHARP is a registered trademark of Sharp Electronics Corporation

† PANASONIC is a registered trademark of Matsushita Electric Corporation of America

‡ SONY is a registered trademark of Sony Corporation of America

Number	Issue	Subject
481-203-021	1	M SHARP Camera Operation, Maintenance, Trouble Locating, and Acceptance Tests
481-203-022	1	PANASONIC Camera and SONY Monitor Operation, Maintenance, Trouble Locating, and Acceptance Tests

Division 500

General ConsiderationsFor Station Installations Customer Equipment

500-0 Indexes

500-1 Transmission Zoning, Inductive Noise, Ringing Bridge Limitations, Selection Of Apparatus, Radio Suppression, Special Connections, and Dial Restriction

500-2 Plant Field Station Administration

500-8 Packaging and Handling — Disconnected Apparatus

500-0 Indexes

Number	Issue	Subject
500-000-000	49	Numerical Index — Division 500 — General Considerations for Station Installations — Customer Equipment

500-1 Transmission Zoning, Inductive Noise, Ringing Bridge Limitations, Selection of Apparatus, Radio Suppression, Special Connections, and Dial Restriction

Number	Issue	Subject
500-110-100	6	Selection of Apparatus by Class of Service and Zone
500-112-100	10	Reference — Inductive Noise
500-114-100	6	Station Ringing Apparatus — Selection and Limitations
500-120-100	5	Telephone Apparatus and Materials — Color
500-124-180	5	Station Sets and Apparatus for Special Applications — Selection
500-128-180	8	Selection of Telephone Apparatus for Impaired Hearing, Speech, and Sight
500-130-180	4	Subscriber Sets and Externally Mounted Ringers — Selection for General Use
500-150-100	11	Radio Signal Suppression — For Telephone Sets — Identification, Installation, and Maintenance
500-155-100	6	Key Telephone Sets Dial Restriction — Identification, Connections, and Testing

500-2 Plant Field Station Administration

Number	Issue	Subject
500-200-011	1	Administration of the Kit Plan and Field Turnaround of Telephone Sets and Bases

500-8 Packaging and Handling — Disconnected Apparatus

Number	Issue	Subject
500-810-200	2	Disconnected Station Apparatus
500-815-200	1	Disconnected 400-Type KTUs
500-820-200	1	Disconnected 1-Type Telephone Answering Sets
500-820-201	1	Disconnected 2-Type Telephone Answering Sets
500-820-203	1	Disconnected KS-16378 Telephone Answering Sets
500-820-205	1	Disconnected KS-16923, List 1 Telephone Answering Sets
500-820-207	1	Disconnected KS-19245, List 1 Telephone Answering Sets
500-830-200	1	Disconnected KS-16765, List 1 Announcement Sets
500-840-200	1	Disconnected KS-16844 Rapidial

Division 501

Business Systems and Station Equipment Station Set Components Customer Equipment

501-0 Index

-099 Customer Information Releases (CIRs)

501-1 Apparatus Blanks, Buzzers, Bells, Capacitors, Transformers, Cords, Cord Reels, Designation Strips and Cards, Dials, Filters, Timers, and Modification Kits

501-2 Handsets, Receivers, Transmitters, and Ringers

501-3 Electron Tubes, Polarity Guards, Varistors, Ringer Isolators, and Termination Units

501-4 Telephone Units and Mountings For Customer-Owned Enclosures

Number	Issue	Subject
501-0 Index		
501-000-000	71	Numerical Index — Division 501 — Station Set Components — Customer Equipment
501-099 Customer Information Releases (CIRs)		
❑ 501-099-001PS	1	H4DU Telephone Handset Cord, Premises Distribution Products
❑ 501-099-002PS	1	Z100A/Z101A Filters, Premises Distribution Products
501-1 Apparatus Blanks, Buzzers, Bells, Capacitors, Transformers, Cords, Cord Reels, Designation Strips and Cards, Dials, Filters, Timers, and Modification Kits		
501-110-100	5	Apparatus Blanks — Identification
501-120-100	12	Reference — Buzzers and Bells — Identification, Installation, Maintenance, Limitations, and Connections
501-130-100	6	Capacitors — Identification
501-135-100	4	Networks
501-136-100	7	Station Transformers — Identification
501-140-100	3	Telephone Station Cords — General
501-140-101	1	Station Cords — Even Count Color Code
501-140-102	12	Handset Cords — Identification
501-140-103	12	Mounting Cords for Single-Line and One- Button Telephone Sets — Identification and Selection
501-140-104	6	Mounting Cords for 4- and 6-Button Key Telephone Sets
501-140-105	6	Mounting Cords for CALL DIRECTOR® Telephone Sets
501-140-106	4	Mounting Cords for 10- and 20-Button Telephone Sets — Identification
501-140-107	5	Mounting Cords for Telephone Consoles
501-140-108	3	Handset Cords — Message Waiting
501-140-120	7	Test Set and Miscellaneous Cords for Station Use — Identification
501-144-100	7	Cord Reels — 2-, 3-, and 5-Type — Identification
501-150-100	7	Station Number Cards — Identification and Installation
501-150-101	4	Transparent Windows for Turn-button and Key Telephone Sets — Identification
501-150-102	6	Designation Strip and Cards
501-160-100	10	Dial Mounting and Dial Adapters
501-162-100	15	Station Dials — 6, 7, and 8 Types — Identification and Maintenance
501-162-101	8	9-Type Station Dials — Identification and Maintenance
501-162-102	6	Station Dials — 10- and 11-Type — Identification and Maintenance
501-162-103	3	Station Dials — Touch-Tone Type — Selection
501-163-100	1	Station Dials — 40 Type
501-163-101	4	Station Dials — 41-Type — Identification, Operation, and Maintenance
501-164-101	3	Station Dials — 21 Type — Identification and Maintenance

Number	Issue	Subject
501-164-102	5	Station Dials — 22-Type — Identification and Maintenance
501-164-103	1	Station Dials — 23 Type
501-164-105	5	Station Dials — 25-Type — Identification and Maintenance
501-164-106	4	Station Dials — 26 Type — Identification, Operation, Maintenance, and Connections
501-164-108	1	Station Dials — 28A — Identification and Maintenance
501-164-115	10	35-Type Station Dials — Identification and Maintenance
501-164-116	3	Station Dials — 36-Type — Identification, Operation, Maintenance, and Connections
501-164-117	1	Station Dials — F-58553 — Identification, Maintenance, and Connections
501-164-118	1	Dial — 51A — Identification, Operation, and Maintenance
501-164-128	2	Station Dials — 1025-Type — Identification, Installation, Maintenance, and Connections
501-164-130	12	Station Dials — 1035 and F-56309 Types — Identification and Connections
501-164-131	6	Station Dials 1036 and F-56310 Types — Identification and Connections
501-164-132	1	F-58556 Station Dial
501-164-133	2	Station Dial — 1037B — Identification, Connections, and Maintenance
501-164-201	5	870A1 and 2870A1 Touch-a-Matic® 32 Automatic Dialer — Identification, Installation, Connections, Operation, and Maintenance
501-164-202	4	870B1M and 2870B1M Touch-A-Matic® — 32 Automatic Dialer — Identification, Installation, Connections, Operation, and Maintenance
501-164-203	2	1200AR1 and 1200AT1 Touch-A- Matic® 12 Automatic Dialer — Identification, Installation, Connections, Operation, and Maintenance
501-165-101	4	Station Dial — 43A
501-165-102	4	43B and 53B Station Dials — Identification, Installation, Operation, Connections, and Maintenance
501-165-110	4	Station Dial — 53A
501-165-115	3	Station Dials — 70-Type — Identification and Maintenance
501-165-117	3	72-Type Station Dials — Identification, Connections, and Maintenance
501-165-118	1	73-Type Station Dials — Identification and Maintenance
501-165-180	4	Station Dials — 80, 82, and 83 Types — Identification and Maintenance
501-165-200 IS	2	300- and X300-Type Station Dials — Identification, Connections, and Replacement
501-166-100	2	Tone Detector-1A350
501-170-100	1	61-Type Filters — Identification
501-170-200	1	61-Type Filters — Installation and Maintenance
501-185-100	8	Modification Kits — Selection
501-186-100 IS	1	Z34A Message Waiting Indicator — Identification, Installation, Operation, and Maintenance

501-2 Handsets, Receivers, Transmitters, and Ringers

501-210-101	4	Handsets — F-Series — Identification, Maintenance, and Connections
501-210-102	9	G3, G4, G5, and G11-Type Handsets — Identification, Maintenance, and Connections
501-210-103	7	Handset G12A, G15A, and G15Y — Identification, Connections, and Maintenance
501-210-104	3	Handset-J1A
501-210-105	3	K-Type Handsets — Identification, Connections, and Maintenance
501-210-110	3	M1A and M2A Handsets— Identification, Connections, and Maintenance
501-210-120	1	Handsets — KS-16504 Type — Identification, Connections, and Maintenance
501-210-125 IS	1	N-Type Handsets Identification, Connections, and Maintenance

Number	Issue	Subject
501-210-130	1	R-Type Handsets — Identification, Maintenance, and Connections
501-211-102	6	G6, G7, G8, G13, G66-, and K6-Type Handsets (Amplifier) — Identification, Connections, Conversion, and Maintenance
501-211-103	2	G36-Type Handsets — Identification, Connections, and Maintenance
501-220-100	11	Receiver, Receiver Unit, and Holders — Selection
501-225-100	6	KS-14720, List 2 Headset — (Bone Conduction Receiver) — Identification, Connections, and Maintenance
501-226-100	4	Amplifiers — 238, 276, and 277 Types— Identification and Installation
501-226-101	4	Amplifiers — 151-, 241-, and 242-Type — Identification
501-226-102	1	Amplifiers — 315-Type
501-230-100	9	Transmitters and Transmitter Units — Identification, Installation, and Maintenance
501-230-101	1	Telephone Sets Modified for Transmitter Cutoff Using Exclusion Switch — Identification and Connections
501-250-100	4	Ringers — B, C, and D Types — Identification
501-250-300	1	Ringers — General Maintenance and Ringing Tests
501-250-301	1	Ringers — Numbered Type — Maintenance
501-250-302	2	Ringers — B-Type — Maintenance
501-250-303	4	Ringers — C-Type — Maintenance
501-250-304	4	Ringers — D1-Type — Maintenance
501-251-100	10	Ringer — E1-Type
501-252-100	9	F1A Ringer
501-252-400	3	Service — F1A Ringer
501-253-100	3	G1-Type Ringers — Identification and Maintenance
501-254-100	2	H1-Type Ringer — Identification and Maintenance
501-256-100	1	J1A Ringer — Identification and Maintenance
501-258-101	5	L1A-Type Ringers — Identification, Installation, Connections, and Maintenance
501-258-400	1	Service Ringer — L1A
501-259-100	6	M- and N-Type Ringers — Identification and Maintenance
501-259-101	9	P-Type Ringers — Identification and Maintenance
501-260-100	4	S1A and S1AM Tone Ringer — Identification, Installation, Connections, and Maintenance
501-260-110	2	T1A Ringer — Identification and Maintenance
501-260-111	2	CSW1A Tone Ringer — Identification, Installation, Connections, and Maintenance

501-3 Electron Tubes, Polarity Guards, Varistors, Ringer Isolators, and Termination Units

501-320-100	5	Diodes Used for Ringing — Identification, Installation, and Connections — (425A, 426A Tubes, and 426N Diode, 813BH Diode)
501-321-100	7	Polarity Guards — Identification
501-322-100	1	Ringing Range Extender — 10A — Identification, Installation, and Connections
501-322-101	3	11A and 11B Ringing Range Extenders
501-370-100	5	Diodes and Varistors — Identification
501-375-100	3	Ringer Isolator — (D-180036 Kit of Parts)
501-375-101	3	28A Ringer Isolator
501-376-100	3	D-180489 Kit of Parts
501-380-100	2	1A Termination Unit
501-380-102	1	603A Ringing Extender

501-4 Telephone Units and Mountings For Customer-Owned Enclosures

501-410-101	2	F-56659 and F-56660 Telephone Set Components for Installation in Customer- Provided Housings — Identification, Installation, Connections, and Maintenance
501-410-400	1	F-56659 and F-56660 Components for Customer-Owned Housings

Number	Issue	Subject
501-415-101	1	Telephone Sets and Bases (Less Housings) and Apparatus Units in Customer- Owned Enclosures — Identification, Installation, Selection, Connections, and Maintenance
501-420-101	2	Telephone Set Components — Dials, Dial Mountings, Keys, Key Mountings, and Line Switches for Installation in Customer-Owned Enclosures — Identification, Installation, Connections, and Maintenance
501-420-102	2	Telephone Set Components — Amplifiers, Cord Reels, Handsets, Loudspeakers, Networks, Ringers, and Transmitters in Customer-Owned Enclosures — Identification, Installation, Connections, and Maintenance

501-5 Business Systems Components Source Information

501-501 Roadrunner Source Books

501-501-000 10/91 Roadrunner Document Set
NOTE: This document includes:

518-600-130	518-600-131
518-600-132	518-010-130
518-453-130	555-500-130
555-200-130	555-201-130
555-100-130	518-810-130

Division 502

Common Battery Station Sets

502-0 Indexes

502-1 General Information

501-2 Subscriber Sets

502-3 Hand Telephone Sets, Terminals, and Bases

502-4 Telephone Sets — 300, 400, and 5300 Series and Ks Series For Explosive Atmospheres

502-5 Telephone sets — 500, 1500, and 2500 Series

502-6 Telephone Sets — 600, 1600, 2600 Series

502-7 Telephone Sets — 700, 1700, 2700 Series

Number	Issue	Subject
502-0 Indexes		
502-000-000	2	Numerical Index — Division 502 — Common Battery — Station Sets
502-000-001	3	Single Line — 0 Button Telephone Sets — Selection
502-000-002	3	Two-Line and One Button Telephone Sets — Selection
502-000-003	2	Multiline — 4 and 6 Button Telephone Sets — Selection
502-000-004	2	Special Purpose Single-Line Telephone Sets — Selection
502-000-010	2	Call Director® Telephone Sets — Selection
502-000-111	2	660, 1660, and 2660 Series — Card Dialer — Telephone Sets — Selection
502-1 General Information		
502-110-100	4	Key Telephone Sets — Standard Features and Options — Basic Wiring Requirements
Addendum	1	
502-110-102	4	Nonkey Telephone Sets — Conversion for Use With 1A1 or 1A2 Key Telephone Systems
502-120-200	5	Telephone Sets and Associated Station Apparatus — Selection of Indoor Locations
Addendum	1	
502-120-201	3	Indoor Location — Installation
502-120-202	3	Selecting Outdoor Locations
502-120-203	3	Use of Station Sets in Refrigerated Rooms
502-2 Subscriber Sets		
502-200-100	7	531-, 584-, 592-, 634-, 684-, 685-, 686-, and 687-Type Subscriber Sets — Identification
502-200-101	6	691A — Identification
502-200-102	4	688, 690, 1690, and 2690 Types — Identification
502-200-200	2	Loud Ringing Bells Installation
502-200-300	5	Maintenance
502-200-400	3	634A, BA, C; 684A, BA, C — Common Battery — Induction Coil Type — Used with Hand Telephone Sets — Connections
502-200-401	5	634AT — Common Battery — Induction Coil Type — Connections
502-200-402	3	634BC and 684BC — Common Battery — Induction Coil Type — Used with Hand Telephone Sets — Connections
502-200-403	4	634CE — Common Battery — Induction Coil Type — Connections
502-200-404	9	685A — Used With Hand Telephone Sets — Connections
502-200-405	1	685C
502-200-406	5	686A — Used With Handsets — Connections
502-200-407	1	687D
502-200-408	6	688, 690, 1690, and 2690 Types — Connections
502-200-410	1	689A1, 689C1, 689D1, 689E1, 689A2, 689C2, 689D2, and 689E2 — Connections

Number	Issue	Subject
502-201-100	4	694 Type
502-201-102	1	695 Type
502-201-105	4	698A (Code-Com Set) — Identification, Installation/Test, Connections, and Maintenance
502-203-100	2	700 Type — Identification, Installation, Connections, and Maintenance
502-204-100	2	SLC® -1 — Subscriber Equipment
502-204-200	1	Data SLC® Carrier System — Local Area Data Transport (LADT) Network — Installation, Maintenance and Tests — Customer Premises Equipment
502-210-400	3	392, 531, 534, 584, 592, 684, and 687 Types — Connections

502-3 Hand Telephone Sets, Terminals, and Bases

502-301/302 Reference Practices

200 Series

502-301-100	1	201A, B, C, D; 211A, B, C, D; 212A, B, C; 213A, B, C, E
502-301-101	1	211-Type
502-301-102	2	212L and M
502-301-103	1	202A, B, C, D; 203A, B, C, D, E, F; 215A, B, C, D
502-301-104	1	223-Type

2200 Series

502-302-101	3	2211 and 2212

220-, 1220-, and 2220-Type

Addendum	2	
502-303-101	8	AC- and AD-Type Telephone Bases With 220-, 226-, 2220-, and 2226-Type Hand Telephone Sets — Identification, Installation, Connections, and Maintenance
502-303-102	3	220-, 226-, 2220- and 2226-Type Hand Telephone Sets — Identification, Installation, Connections, and Maintenance

Number	Issue	Subject

502-320 Service Practices

200 Series

502-320-400	2	211-Type
502-320-401	2	212L
502-320-410	1	201A, B, C, and D
502-320-411	1	211A, B, C, and D
502-320-412	1	212A, B, and C
502-320-413	1	213A, B, C, and E
502-320-414	1	202A, B, C, and D
502-320-415	1	203A, B, C, D, E, and F
502-320-416	1	215A, B, C, and D

502-322/330 Telephone Bases, Transaction Terminal Sets, and Bases

Addendum	2	
502-322-400	10	AC- and AD-Type Telephone Bases With 220-, 226-, 2220-, and 2226-Type Hand Telephone Sets — Connections
502-323-400	3	5000AM Transaction Telephone Set Base With 220- or 2220-Type
502-323-401	1	5100AM Transaction Telephone Set Base With 220- or 2220-Type Hand Telephone Set
502-323-402	2	500A Transaction III Terminal Set
502-323-403	3	5100BM Transaction Telephone Set Base With 220- or 2220-Type Hand Telephone Set — Used With or Without 5000A or 5000A2 Printer — Identification, Installation, Connections, Testing, and Maintenance
502-330-100	4	AL1 Telephone Base — Identification, Installation, Connections, and Maintenance

502-4 Telephone Sets — 300, 400, AND 5300 Series and KS Series For Explosive Atmospheres

502-400-100	2	Telephone Sets for Indoor Locations — 300 Series — Identification and Assembly of Parts
502-400-101	2	5300 Series — Identification and Assembly of Parts
502-400-300	3	300 Series — Maintenance

Number	Issue	Subject
502-400-301	2	5300 Series — Maintenance
502-400-400	2	302AA, AC — Common Battery — Connections
502-400-401	2	302E, G; 5302G — Common Battery — Connections
502-400-402	5	304A, C; 5304C — Common Battery — Connections
502-400-403	2	305E, G — Common Battery — Connections
502-400-404	5	306A, C; 5306C (Tube Sets) — Common Battery — Connections
502-400-405	1	306A, C (Tube Sets) — Common Battery — Connections — Conversion for Use with Individual Lines and Two-Party Service
502-400-406	3	306G (Tube Set) — Common Battery — Connections
502-400-407	4	329 Type — Identification, Maintenance, and Connections
502-400-408	2	332A, C (Amplifier Sets) — Common Battery — Connections
502-400-409	4	334C (Amplifier Set) — Connections
502-400-410	3	354A, C — Connections
502-400-411	1	356A, C (Tube Sets) — Common Battery — Connections
502-402-100	5	322-Type
502-402-105	1	325-Type — Identification, Installation, and Maintenance
502-410-400	3	300, 325 Types — Outdoor Locations — Connections
502-415-100	6	Explosive Atmospheres — General Requirements
502-415-200	1	320 Type — Explosive Atmospheres — Installation, Connections, and Maintenance
502-415-201	4	KS-14476, Lists 1 and 2 — Explosive Atmospheres — Identification, Connections, and Maintenance
502-415-202	2	KS-14548 — Explosive Atmospheres — Installation, Maintenance, and Connections
502-415-203	4	520-Type Telephone Sets — Explosive Atmospheres — Identification, Installation, Connections, and Maintenance
502-415-204	4	2520B Telephone Set — Explosive Atmospheres — Identification, Installation, Connections, and Maintenance (9/81)
502-430-100	1	401, 402, 410, 411, and 412 Types — Identification and Assembly of Parts
502-430-300	1	401, 402, 410, 411, and 412 Types — Maintenance
502-430-400	1	401, 402, 410, 411, 412 and 5410 Types — Common Battery — Connections
502-435-100	1	440, 460 Types — Identification and Assembly of Parts
502-435-300	1	440, 460 Types — Maintenance
Addendum	1	
502-435-400	3	440 and 460 Series — Common Battery — Connections
502-435-401	1	Service — 462AC and 466AC

502-5 Telephone Sets — 500, 1500, AND 2500 Series

502-500-110	4	0- and 1-Button — Common Installation and Maintenance Information
502-500-120	5	540, 560, 1560, and 2560 — Common Installation and Maintenance Information

502-501/503 Reference Practices

500 Series

502-501-100	1	554 BMS and 2554 BMS Telephone Sets — Identification, Installation, and Maintenance
502-501-101	8	500C/D, 500DM, 501C/D, 554A/B, 554F, 554BM, 554BMP, 554BMPA and 556A/B Telephone Sets — Identification, Installation, Connections, and Maintenance
502-501-102	4	502, 510, 511, 515, 555, and 558-Type — Identification, Operation, Installation, and Maintenance
502-501-104	3	540, 543, 544, and 545
502-501-105	6	Reference — 563HB-, 564HL-, 566MD-, 568H-Type Telephone Sets — Identification
502-501-106	7	565-Type — Identification
502-501-115	4	500AD, ADM, E/F, FM, H, L/M, MM, P, R/S, SM, U, W/Y, YM, 501F, P, U, 514B, BM, and 516B Telephone Sets — Identification, Installation, Maintenance, and Connections

Number	Issue	Subject
502-501-116	1	507, 509, 532, 533, 535, 536, 557 and 559
502-501-117	6	Reference — 525- and 526-Type Telephone Sets—Identification, Installation, Connections, and Maintenance
502-501-119	3	570 (Emergency Reporting)
502-501-120	8	503B, 503C, 503CM, and 513B
502-501-121	2	529B and 529BM
502-501-122	2	567PB, 569NB, and 569NBM
1500 Series		
502-502-101	1	1500D and 1554B
502-502-102	1	1502, 1510, 1511, 1515, 1555, and 1558- Type
502-502-103	1	1563, 1564, and 1568-Type
502-502-104	1	1565-Type
502-502-110	1	1500M, 1500S, 1500Y, and 1514B
2500 Series		
502-503-101	10	2500- and 2554-Type Telephone Sets — Identification, Installation, Maintenance, and Connections
502-503-102	6	2502-, 2510-, 2511-, 2515-, 2555-, and 2558-Type Telephone Sets — Identification, Installation, Operation, Maintenance, and Connections
502-503-103	5	Reference — 2563HB-, 2564HL-, and 2568HAA-Type Telephone Sets — Identification
502-503-104	6	Reference — 2565-Type Telephone Sets — Identification
502-503-110	9	2500M/MM/MMG, 2500S/SM, 2500Y/YM/YMG, and 2514B/BM/BMG Telephone Sets — Identification, Installation, Connections, and Maintenance
502-503-120	8	Reference — 2503-Type — Identification and Connections
Addendum	1	
502-503-125	6	Reference — 2526B, 2526BM, or 2526BMG Telephone Set—Identification, Installation, Connections, and Maintenance
502-503-130 IS	1	2500 DMGC Analog Telephone Set With Message Waiting, Timed Recall, and Three Level Volume Control

Number	Issue	Subject
502-520/523 Single Line-Service Practices 500 Series		
502-521-401	2	500A/B
502-521-402	5	500C/D and 500DM — Telephone Sets — Connections
502-521-403	2	500J/K
502-521-404	2	501A/B
502-521-405	4	501C/D and 501CM/DM
502-521-406	2	501J/K
502-521-410	6	554A/B, 554F, 554AM, 554BM, 554AMP and 554BMP — Telephone Sets — Connections
502-521-411	5	556A/B Connections
1500 Series		
502-522-401	2	1500D
502-522-402	3	1554B
2500 Series		
502-523-401	9	Service — 2500D, 2500DM, and 2500DMG — Connections
Addendum	2	
502-523-402	10	Service — 2554B, 2554BM, 2554BMP, and 2554BMPG — Connections
502-531/533 Two Line One Button-Service Practices		
500 Series		
502-531-401	4	502A/B and 502BM
502-531-402	7	510A, B, E, F, and FM
502-531-403	2	511A/B
502-531-404	2	511C/D
502-531-405	6	511F, 511H, and 511HM
502-531-406	4	515B and 515BM
502-531-407	5	555B, 555BM, and 555BMP
502-531-408	2	558A/B
502-531-409	2	558C/D
502-531-410	5	558F and 558FM
1500 Series		
502-532-401	2	1502B
502-532-402	2	1510F
502-532-403	2	1511D
502-532-408	2	1511F/H

Number	Issue	Subject
502-532-409	2	1515B
502-532-410	2	1555B
502-532-411	3	1558D
2500 Series		
502-533-401	5	Service — 2502B, 2502BM, and 2502BMG — Connections
502-533-402	6	Service — 2510F, 2510FM, and 2510FMG — Connections
502-533-403	4	2511F, 2511H, and 2511HM
502-533-404	5	Service — 2515B, 2515BM, and 2515BMG — Connections
502-533-405	4	Service 2555B, 2555BM, 2555BMP, and 2555BMPG Telephone Sets — Connections
502-533-406	6	Service — 2558D, 2558DM, and 2558DMG Telephone Set — Connections

502-541/543 Multiline-Service Practices

500 Series

502-541-401	1	540B
502-541-402	1	544-Type
502-541-403	1	545-Type
502-541-404	5	Service — 563HB, 563HBM, and 563HBMS — Maintenance and Connections
502-541-405	1	564B, 564C, 564D, and 564H
502-541-406	2	564HD
502-541-407	5	564HK, 564HL, 564HLM and 564HLMS — Connections and Maintenance
502-541-408	1	565A, 565B, 565E, 565G, 565H, and 565L
502-541-410	2	565HD
502-541-412	1	565LDR
502-541-414	7	565GK, 565GKM, and 565GKMS — Connections
502-541-415	8	Service — 565HK, 565HKM, and 565KKMS Telephone Sets — Connections
502-541-416	8	Service 565LK, 565LKM, and 565LKMS Telephone Sets — Connections
502-541-419	3	Service — 566MDM, 566DM Telephone Sets and 6040D, 6041D, 6040K, 6041K Keys — Connections
502-541-420	1	568HB
502-541-423	1	568HF and 568HR
502-541-425	4	Service — 568HAA, 568HAAM, and 568HAAMS Telephone Set — Maintenance and Connections
502-541-429	1	567PB
502-541-430	2	569NB and 569NBM

1500 Series

502-542-400	1	1563HB
502-542-402	1	1564HK and 1564HL
502-542-403	1	1565GK
502-542-404	1	1565HK
502-542-405	1	1565LK
502-542-406	1	568HT and 1568HT

2500 Series

502-543-400	5	2563HB, 2563HBM, and 2563HBMS — Maintenance and Connections
502-543-402	6	Service — 2564HL, 2564HLM, and 2564HLMS Telephone Sets — Maintenance and Connections
502-543-403	7	2565GK and 2565GKM, and 2565GKMS — Connections
502-543-405	9	2565HK, 2565HKM, and 2565HKMS — Connections
502-543-406	9	Service — 2565LK, 2565LKM, and 2565LKMS Telephone Sets — Connections
502-543-410	4	2568HAA and 2568HAAM, and 2568HAAMS Telephone Set — Maintenance and Connections

502-580/582 Special Purpose-Service Practices

500 Series

502-580-401	3	500AD and 500ADM
502-580-402	4	500E/F and 500FM Telephone Sets — Connections
502-580-403	3	501F and 501FM
502-580-404	2	500H
502-580-405	4	500L/M and 500MM
502-580-406	2	500P
502-580-407	2	501P

Number	Issue	Subject
502-580-408	6	500R/S and 500SM
502-580-409	2	500U
502-580-410	2	501U
502-580-411	4	Service — 500W/Y and 500YM — Connections
502-580-412	5	514B and 514BM
502-580-425	1	507 A/B
502-580-426	1	509 A/B
502-580-427	1	532 A/B
502-580-428	1	533 A/B
502-580-429	1	535 A and B
502-580-430	1	536 A/B
502-580-431	3	543DB, 543DBC, and 543DBM
502-580-432	1	557 A/B
502-580-433	1	559 A/B
502-580-436	3	529B and 529BM
502-580-437	2	525A/B
502-580-438	8	Service — 526A/B and 526AM/BM — Connections
Addendum	1	
502-580-455	3	570
502-580-460	4	503B and 503CM
502-580-461	2	513B and 513BM
502-580-463	1	516B

1500 Series

502-581-400	2	1500M
502-581-401	2	1500S
502-581-402	2	1500Y
502-581-403	2	1514B

2500 Series

502-582-400	6	Service — 2500M, 2500MM, and 2500 MMG — Connections
502-582-402	5	2500S and 2500SM
502-582-403	5	Service — 2500Y, 2500YM, and 2500YMG — Connections
502-582-404	7	Service — 2514B, 2514BM, and 2514BMG — Connections
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502-582-415	7	2526B, 2526BM, and 2526BMG Telephone Sets — Connections

Number	Issue	Subject

502-6 Telephone Sets — 600, 1600, 2600 Series

502-600-100	4	630-, 1630-, and 2630-Series — Common Installation and Maintenance
502-600-102	2	660, 1660, and 2660

502-601/603 Reference Practices

600 Series Call Director Sets and Card Dialers

502-601-100	6	630, 631, and 632-Type
502-601-101	8	608-, 618-, 634-, 635-, 636-, 637-, 638-, 639-, 682-, and 683-Type Telephone Sets — Identification
502-601-102	2	609, 617, and 625-Type — Identification
502-601-120	3	660 and 663-Type
502-601-121	1	660A1M
502-601-130	3	661, 662, and 664-Type
502-601-131	1	662A1M

1600 Series Call Director Sets and Card Dialers

502-602-100	2	1630, 1631, and 1632-Type
502-602-101	1	1634, 1635, 1636, 1637, 1638, and 1639- Type
502-602-120	1	1660 and 1663-Type
502-602-121	1	1662 and 1664-Type

2600 Series Call Director Sets and Card Dialers

502-603-100	5	2630-, 2631-, and 2632-Type — Identification
502-603-101	8	2634-, 2635-, 2636-, 2637-, 2638-, 2639-, 2682-, and 2683-Type — Identification
502-603-120	3	2660 and 2663-Type
502-603-121	2	2660A1M
502-603-130	2	2662 and 2664-Type
502-603-131	2	2662A1M

502-610/619 Service Practices

600 Series Call Director Sets

502-610-400	1	608 and 618-Type
502-610-401	2	609-Type

Number	Issue	Subject
Addendum	1	
502-610-402	1	617-Type
502-610-403	1	621-Type
502-610-404	1	622-Type
502-610-405	1	625A1
502-610-406	2	630A, B, C, D, and 631A, B, C, D
502-610-407	8	630DA, 630DAM, 630DAMS1, 631DA, 631DAM, and 631DAMS1 — Connections
502-610-408	1	632-Type
Addendum	1	
502-610-409	2	634A, B, C, D and 635A, C, D
502-610-410	2	636A, B, C and 637A, B, C, D
502-610-411	1	638 and 639-Type
502-610-412	6	682AA, 682AAM, 682AAMS, 683AA, 683AAM, and 683AAMS — Connection and Maintenance
502-610-413	2	637EA13 and 637EAM13
502-610-417	6	634DA, 634DAM, 634DAMS, 635DA, 635DAM, and 635DAMS — Connections and Maintenance
502-610-418	8	Service 636CA, 636CAM, 636CAMS, 637DA, 637DAM, and 637DAMS Telephone Sets — Connections and Maintenance
502-610-419	5	638CA, 638CAM, 638CAMS, 639DA, 639DAM, and 639DAMS — Connections and Maintenance

1600 Series Call Director Sets

502-611-400	1	1630- and 1631-Type
502-611-401	1	1632-Type
502-611-402	1	1634 and 1635-Type
502-611-403	1	1636 and 1637-Type
Addendum	1	
502-611-404	1	1638C and 1639D

2600 Series Call Director Sets

502-612-400	3	2630D and 2631D
502-612-401	7	2630- and 2631-Type — Connections and Maintenance
502-612-402	1	2632-Type
502-612-403	2	2634D and 2635D
502-612-404	1	2636 and 2637-Type
Addendum	1	
502-612-405	1	2638C and 2639D
502-612-409	6	2634- and 2635-Type — Connections and Maintenance
502-612-410	7	Service — 2636- and 2637-Type Telephone Sets — Connections and Maintenance
502-612-411	5	2638- and 2639-Type — Connections and Maintenance
502-612-425	6	2682- and 2683-Type — Connections and Maintenance

600 Series Card Dialers

502-617-400	3	660-Type
502-617-401	1	661-Type
Addendum	1	
502-617-402	2	662-Type
502-617-403	2	663-Type
502-617-404	2	664-Type
502-617-405	1	660A1M
502-617-406	1	662A1M

1600 Series Card Dialers

502-618-400	1	1660-Type
502-618-402	1	1662-Type
502-618-403	1	1663-Type
502-618-404	1	1664-Type

2600 Series Card Dialers

502-619-400	2	2660-Type
502-619-402	2	2662-Type
502-619-403	1	2663A1
502-619-404	2	2664-Type
502-619-405	2	2660A1M
502-619-406	2	2662A1M

502-650 Call-A-Matic® Telephone Sets

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502-650-100	2	1671A-Type — Identification, Installation, Operation, Maintenance, and Connections
502-690-100	1	F-58554
502-690-101	1	F-58555 — Identification, Installation, Connections, and Maintenance

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502-7 Telephone Sets — 700, 1700, 2700 Series		
502-700/707 Reference Practices		
750, 1750, and 2750 Series		
502-700-102	1	Common Installation and Maintenance Information
700 Series		
502-701-100	9	Reference — 702B and 702BM Telephone Sets — Identification, Installation, Connections, and Maintenance
Addendum	1	
502-701-101	3	References — 712B and 712BM Telephone Sets
Addendum	1	
502-701-103	5	References — 701D, 702D, 711B, 713B, and 713BM Telephone Sets — Identification, Installation, Maintenance, and Connections
1700 Series		
502-702-100	1	1702B
502-702-101	1	1712B
502-702-103	2	1702D and 1713B
2700 Series		
Addendum	1	
502-703-100	8	Reference 2702B, 2702BM, and 2702BMG Telephone Sets — Identification, Installation, Maintenance, and Connections
502-703-101	6	Reference — 2712B and 2712BM — Identification, Installation, Maintenance, and Connections
502-703-103	5	2702D, 2702DM, 2713B, and 2713BM — Identification, Installation, Maintenance, and Connections
750 Series		
502-705-100	4	750-Type
502-705-101	2	Reference — 751-Type Telephone Sets
502-705-102	2	752 and 754-Type
502-705-103	1	753-Type
1750 Series		
502-706-100	1	1750-Type
502-706-101	1	1751-Type
502-706-102	1	1752-Type
502-706-103	1	1753-Type
2750 Series		
502-707-100	5	Reference — 2750-Type Telephone Sets
502-707-101	3	Reference — 2751-Type Telephone Sets
502-707-102	4	2752- and 2754-Type Telephone Sets — Identification
502-707-103	1	2753-Type
502-721/729 700, 1700, 2700 Service Practices		
502-721-401	3	701B
Addendum	2	
502-721-402	7	702B and 702BM — Connections
502-722-401	3	1702B
502-723-401	10	2702B, 2702BM, and 2702BMG Telephone Sets — Connections
502-724-401	4	712B and 712BM
502-725-401	2	1712B
502-726-401	5	2712B and 2712BM
502-727-401	2	701D
502-727-402	7	702D
502-727-403	2	711B
502-727-404	6	Service — 713B and 713BM — Connections
502-728-401	4	1702D
502-728-402	2	1713B
502-729-401	6	2702D and 2702DM
502-729-402	6	2713B and 2713BM — Connections
502-730/741 750, 1750, 2750 Service Practices		
502-730-401	5	750-Type
502-731-401	2	1750A/B

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502-732-401	7	Service 2750A, 2750B, 2750AM, 2750BM, 2750AMG, and 2750BMG Telephone Sets — Connections
502-733-401	3	Service — 751-Type Telephone Sets
502-734-401	2	1751C and D
502-735-401	4	Service — 2751-Type Telephone Sets — Connections
502-736-401	2	752-Type
502-736-402	2	754-Type
Addendum	1	
502-737-401	1	1752-Type
502-738-401	4	2752-Type
502-738-402	4	2754-Type
502-739-401	2	753A and B
502-740-401	2	1753A and B
502-741-401	2	2753A and B

502-750 755 and 758 Series

Reference

502-750-105	3	755A and 755AM

Service

502-750-405	3	755A and 755AM

Division 503

Modular Station Sets

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503-7 Telephone Sets — 10- AND 20-Button; Desk and Wall Types

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503-0 Index

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503-100-120	4	581A Telephone Set Bases
503-100-129	1	2991A/B-, 2992A-, and 2993A-Type Multibutton Electronic Telephone (MET) Sets
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503-200-106	6	921A, 921B, 2921A and 2921B — Telephone Sets — Identification, Installation, and Connections
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503-200-109	3	881A105, 881A106, 881A107, 881A108, 881B105, 881B106, 881B107, 881C105, 881C107, and 881C108 Telephone Sets — Identification, Installation, and Connections
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503-300-101	5	2870A1M and 2870A2M TOUCH-A- MATIC 32 Telephone Set — Identification, Installation, Connections, Operation and Maintenance
503-301-100	5	960A01M — Touch-A-Matic 16 Telephone Set — Identification, Installation, Connections, Operation, and Maintenance
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503-400-200	2	5011T01A Touch-A-Matic Telephone Set, S Series — Identification, Installation, Connections, Operation, and Maintenance
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503-401-100 IS	1	7101A01A Telephone Set — Identification, Installation, Operation, and Maintenance
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503-401-210 IS	1	7205H01A Multifunction Electronic Telephone Set (MFET) — Identification, Installation, Operation, and Maintenance
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503-401-300 IS	1	7403D01A Multifunction Digital Telephone Set (MFDT) — Identification, Installation, Operation, and Maintenance
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503-403-101IS	2	7104A02A Telephone Set — Identification, Installation, Operation, and Maintenance
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503-404-010	1	Using the Feature Telephone 700 with Centrex Services
503-404-020	1	Using the Speakerphone 720 and Two-Line Speakerphone 722 with Centrex Services
503-404-030	1	Using the Two-Line Speakerphone 732 with Centrex Services
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503-450-101	1	CS5061U01A-148 Telephone Set Description GENESIS® Telesystem Identification, Installation, Connections, and Maintenance
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503-603-101	6	2872A1M or 2872A2M Touch-A-Matic® 32 Telephone Sets Identification, Installation, Connections, Operation, and Maintenance

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503-7 Telephone Sets— 10- AND 20-Button; Desk and Wall Types

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503-701-101	10	830- and 2830-Type — Identification, Installation, Maintenance, and Connections
503-701-102	5	852A, 852AM, 2852A, and 2852AM — Identification, Installation, Connections, and Maintenance
503-701-110	6	832- and 2832-Type — Identification, Installation, Connections, and Maintenance
503-702-101	10	831- and 2831-Type Telephone Sets — Identification, Installation, Maintenance, and Connections
503-702-110	6	833- and 2833-Type — Identification, Installation, Connections, and Maintenance

503-8 Wireless/Cordless Telephones

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■ 503-800-100	1	AT&T Transtalk 9000 Wireless System Marketing and Sales Guide
■ 503-800-101	1	AT&T Multiline Digital Cordless Business Marketing and Sales Guide

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503-801 9000 Series Wireless/Cordless Telephones

503-801-100	1	MDC 9000 Business Cordless Telephone Quick Reference
503-801-101	1	MDC 9000 Business Cordless Telephone Installation

Division 504

Selector Consoles, Telephone Consoles, and Apparatus Units

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504-2 Telephone Consoles

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504-210-201	8	1- Through 6-, 10- Through 12-, and 14- Through 16-Type — Apparatus Units — 12-, 14-, 31- and 32-Type — Installation and Maintenance
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504-215-101	1	8A and 9A Types — Identification and Assembly of Parts
504-215-402	2	9A Type — Connections
504-216-101	7	10-, 11-, and 12-Type — 12- and 14-, 31-, and 32-Type — Apparatus Units — Identification — Customer Equipment
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504-220-124	5	24-, 34-, and 54-Type — Identification
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504-220-126	1	26-, 46-, and 56-Types — Identification
504-220-127	4	27- and 47-Types — Identification
504-220-128	3	28- and 48-Types — Identification
504-220-129	4	29-Type — Identification
504-220-133	3	60-Type — Identification
504-220-150	2	120-Type — Identification
504-220-151	2	121-, 131-, and 151-Types — Identification
504-220-152	1	132- and 152-Types — Identification
504-220-155	1	155-Type — Identification
504-225-100	2	Identification — 500-Type and 103A1 Display Unit

Division 506

Small Business Systems And Station Equipment — Public Telephone Sets

506-0 Indexes 506

506-1 General Information

-100 Coin Telephone Stations — General

-101 Coin Telephone Stations Security

-110 Public Telephone Sales and Marketing

506-4 Coin Telephone Sets

506-5 Coinless Telephone Sets

506-9 Public Service Maintenance Check

Number	Issue	Subject
506-0 Indexes		
506-000-000	93	Numerical Index — Division 506 — Coin Station Sets — Common Battery
506-1 General Information		
506-100 Coin Telephone Stations — General		
506-100-100	1	Public Services Station — Bonding and Grounding
506-100-101	3	Coin and Coinless Public Telephone Set Backboards — Identification and Installation
506-100-103	4	Tools, Gauges, and Materials — Identification and Use
506-100-105	3	Coin Level Detector — Identification, Installation, Connections, Operation, and Maintenance
506-100-107	1	Extended Network Interface for Customer Premise Equipment on Semipublic Coin Lines — Installation, Testing, and Maintenance
506-100-108	2	Manual Extension Station Service on Semi- Public Coin Lines Connected to Coin Telephone Sets
506-100-110	2	Coin Hopper Vane Replacement
506-100-120	2	1C/2C-Type Coin Telephone Set — Detailed Description
506-100-130	3	Coin Test Line Circuit
506-101 Coin Telephone Stations Security		
506-101-100	3	Security Devices Reference
506-101-400	2	Security Devices Service
506-110 Public Telephone Sales and Marketing		
Brochures		
506-110-001	1	Standard Coin Telephone Set (1D2)
506-110-002	1	1D2C6 Customer Maintained Coin Set
506-110-003	1	Loud Button Retrofit Kit
506-110-004	1	22B Electronic Coin Chute
506-110-005	1	11B Coinless Telephone
506-3 Coin Telephone Sets		
Addendum	1	
506-328-200	2	2A-Type — Installation and Maintenance
506-4 Coin Telephone Sets		
506-410-400	8	1C-, 1D-, 1E-, 2C-, and 2D-Type — Identification, Installation, and Maintenance
506-410-401	3	1D/2D-Type — (DTF Only) — Identification
▲506-410-402	3	1D/2D Type, Installation, Conversion, Maintenance, and Connections (DTF Only)
506-410-403	1	3A2 Type and AE1 Type Mounting — Identification, Installation, Operation Tests, Maintenance, and Connections
506-5 Coinless Telephone Sets		
Addendum	1	
506-500-100	4	10A, 10B, and 20A Type and KS-22284 Backboard — Identification, Installation, Tests, Maintenance, and Connections

Number	Issue	Subject
506-500-101	1	2960B01-50 Coinless Telephone Set — Identification, Installation, Connection, Maintenance, and Conversion
506-500-112	1	11A Type — Service Manual

506-9 Public Service Maintenance Check

506-900-503	5	Public Services Maintenance Check

Division 508

Public Telephone Enclosures and Miscellaneous Accessories

508-0 Indexes

508-1 General

508-2 Enclosures — Indoor

508-3 Enclosures — Indoor-Outdoor

508-4 Enclosures — Outdoor

508-7 Directory Tables, Cabinets, Shelves, Hangers, Fasteners, and Binders

508-8 Miscellaneous Accessories

Number	Issue	Subject
508-0 Indexes		
508-000-000	15	Numerical Index — Division 508 — Public Telephone Enclosures and Miscellaneous Accessories
508-1 General		
508-100-100	5	Grounding and Wiring Requirements
508-100-101	2	Public Telephone Enclosures — Cleaning
508-2 Enclosures — Indoor		
508-200-100	1	Booths — 5, 6, 10 and 11 Types
508-201-100	1	Booth — KS-19340 Wood
508-202-100	1	Booths — KS-19206 Curved Door
508-203-100	1	KS-20630 Booth
508-204-100	1	Booth — KS-19442 Deluxe Glass
508-225-110	1	KS-22235 Econoshelf — Identification, Installation, and Maintenance
508-250-100	1	Coin Telephone Shelves — 19- and 20- Type
508-251-100	1	Coin Telephone Shelf — KS-19267
Addendum	1	
508-252-100	1	Coin Telephone Shelf — KS-20194
508-253-100	4	KS-19945 Small Talk Public Services Telephone Shelf — Identification, Installation, and Maintenance
508-254-100	4	KS-21428 Phonecart — Identification, Installation, Operation Tests, Maintenance, and Connections
508-255-100	3	KS-21571 Deluxe Wedge Public Telephone Shelf — Identification, Installation, and Maintenance
Addendum	1	
508-257-100	4	KS-21977 Clear View Coin Telephone Mounting — Identification, Installation, and Maintenance
508-259-100	1	KS-22081 Cluster Mounting — Identification, Installation, and Maintenance
508-261-100	1	KS-22665 Stylistic Public Telephone Enclosure — Identification, Installation, and Maintenance
508-3 Enclosures — Indoor-Outdoor		
508-300-100	1	KS-16797 Universal
508-301-100	3	KS-19425 Universal II Indoor-Outdoor Booth — Identification, Installation, and Maintenance
508-303-100	1	KS-22677 Corral Rail — Identification, Installation, Maintenance, and Connections
Addendum	1	
508-304-100	1	KS-22642 Silencer — Identification, Installation, and Maintenance
Addendum	1	
508-353-100	1	Directory Alcove — KS-16361
508-4 Enclosures — Outdoor		
508-400-100	1	Booth — 9-Type
508-401-100	2	Booth — KS-14611 Airlight — Identification, Installation, Maintenance, and Conversion

Number	Issue	Subject
508-402-100	4	KS-19580 Airlight II and IIA Telephone Booths — Identification, Installation, and Maintenance
508-403-100	2	KS-21716 Airlight III Telephone Booth — Identification, Installation, and Maintenance
Addendum	1	
508-430-100	1	KS-20255 Telephone Kiosk (Diamond Kiosk)
508-450-100	1	Walk-Up, Drive-Up — KS-16705 Mounting
508-451-100	2	Walk-Up, Drive-Up — KS-19426 Mounting
508-452-100	7	KS-20842 SENTRY® Public Telephone Enclosure — Single and Double — Identification and Installation
508-452-101	1	KS-20842 SENTRY Public Telephone Enclosure — Cluster Arrangement — Identification and Installation
508-452-102	1	KS-20842 SENTRY Public Telephone Enclosure — Maintenance
508-452-103	2	KS-20842 SENTRY Public Telephone Enclosure — Miscellaneous Apparatus — Identification and Installation

508-7 Directory Tables, Cabinets, Shelves, Hangers, Fasteners, and Binders

508-710-100	4	Directory, Tables, Cabinets, and Shelves — Identification and Installation
508-710-101	4	Directory Hangers, Fasteners, and Binders — Identification and Installation
508-710-102	6	KS-20030 Directory Hangers and KS-21435 Directory Facility — Identification, Installation, and Maintenance

Number	Issue	Subject

508-8 Miscellaneous Accessories

508-809-100	3	Foundation and Associated Apparatus — Identification and Installation — KS- 21976
508-810-202	8	Public Phone Signs — Illuminated Types — Identification and Installation
508-810-205	8	Nonilluminated Type Phone Signs — Identification and Installation
508-811-100	1	KS-19928 Card Frame — Identification and Installation
508-815-100	1	Light Fixtures — Booth and Directory — 2 and 4 Types
508-820-100	4	KS-19207 Light and Blower Unit — Identification, Installation, and Maintenance
508-825-100	7	KS-19261 Type Light Control Units — Identification and Installation

Division 510

Station Sets and Coin Collectors — Local Battery and Magneto

510-0 Indexes

510-1 Station Sets — Local Battery, Subscriber Sets — Local Battery and Battery Supply Filter

510-2 Coin Collectors — Local Battery, Subscriber Sets — Local Battery Coin Collectors

510-3 Station Sets — Magneto and Subscriber Sets — Magneto

510-4 Coin Collectors — Magneto and Subscriber Sets — Magneto Coin Collector

510-8 Magneto Sets — Special Usage

Number	Issue	Subject
510-0 Indexes		
510-000-000	7	Numerical Index — Division 510 — Station Sets and Coin Collectors — Local Battery and Magneto
510-1 Station Sets — Local Battery, Subscriber Sets — Local Battery and Battery Supply Filter		
510-100-100	1	Station Sets — Local Battery — Selection for General Use
510-100-180	1	Battery Supply Filter
510-110-100	1	Subscriber Sets — Local Battery — Connections — General
510-110-400	1	Subscriber Sets — 634BB — Local Battery — Connections
510-110-401	1	Subscriber Sets — 634Y — Local Battery — Connections
510-110-402	2	Subscriber Sets — 634YD — Local Battery — Connections
510-110-403	2	Subscriber Sets — 634YDT — Local Battery — Connections
510-110-405	2	Subscriber Sets — 634YT — Local Battery — Connections
510-120-100	1	Hand Telephone Sets — 200 Series — Local Battery — Connections — General
510-120-400	1	Hand Telephone Sets — 201A, B, C, D — Local Battery — Connections
510-120-401	1	Hand Telephone Sets — 202E, F, G, H — Local Battery — Connections
510-120-402	1	Hand Telephone Sets — 206A, B, C, D — Local Battery — Connections
510-120-403	1	Hand Telephone Sets — 207A, B, C, D — Local Battery — Connections
510-120-404	1	Hand Telephone Sets — 211E, F, G, H — Local Battery — Connections
510-120-405	1	Hand Telephone Sets — 212L — Local Battery — Connections
510-120-406	1	Hand Telephone Sets — 213A, B, C, E — Local Battery — Connections
510-120-407	1	Hand Telephone Sets — 215A, B, C, D — Local Battery — Connections
510-130-400	1	Telephone Sets — 307A, C — Local Battery — Connections
510-130-401	2	Telephone Sets — 309A, C — Local Battery — Connections
510-130-402	1	Telephone Sets — 357A, C — Local Battery — Connections
510-2 Coin Collectors — Local Battery, Subscriber Sets — Local Battery Coin Collectors		
510-200-100	1	Coin Station Sets — Local Battery — Selection
510-205-400	1	Subscriber Sets — 634YD — Local Battery — Used With Coin Collectors — Connections
510-205-401	1	Subscriber Sets — 6344E — Local Battery — Connections
510-210-400	1	Coin Collectors — Prepay — 155CL, DL, GL, HL — Local Battery — Connections
510-210-401	1	Coin Collectors — Prepay — 166CL, DL, GL, HL — Local Battery — Connections
510-210-402	1	Coin Collectors — Prepay — 174CL, DL, GL, HL — Local Battery — Connections
510-210-403	1	Coin Collectors — Prepay — 176CL, DL, GL, HL — Local Battery — Connections

Number	Issue	Subject
510-210-404	1	Coin Collectors — Prepay — 191CL, DL, GL, HL — Local Battery — Connections
510-210-420	1	Coin Collectors — Postpay — 150K; 162A, B, C, D — Manual — Local Battery — Connections
510-210-421	1	Coin Collectors — Postpay — 152C, D; 164C, D — Manual — Local Battery — Connections
510-210-422	1	Coin Collectors — Postpay — 182C, D — Manual — Local Battery — Connections
510-215-400	1	Coin Collectors — Postpay — 158GL, HL; 168GL, HL — Community Dial Office Service — Local Battery — Connections
510-215-401	1	Coin Collectors — Postpay — 177GL, HL; 178GL, HL — Community Dial Office Service — Local Battery — Connections
510-215-402	1	Coin Collectors — Postpay — 193GL, HL — Community Dial Office Service — Local Battery — Connections

510-3 Station Sets — Magneto and Subscriber Sets — Magneto

510-310-100	1	Station Sets — Magneto — Western Electric Company — Identification and Assembly of Parts
510-310-180	1	Station Sets — Magneto — Selection for General Use
510-310-200	1	Station Sets — Magneto — Western Electric Company — Installation
510-310-300	1	Station Sets — Magneto — Subscriber Sets — Magneto — Maintenance
510-310-400	1	Subscriber Sets — Ringers Only — Nonpolarized — Magneto — Connections
510-310-401	1	Subscriber Sets — Magneto — Connections — General
510-310-402	1	Subscriber Sets — 299F, D-176680 — Magneto — Connections
510-310-403	2	Subscriber Sets — 400A and K — Magneto — Used With Hand Telephone Sets — Connections
510-310-404	2	Subscriber Sets — 400CD — Magneto — Used With Hand Telephone Sets — Connections
510-310-405	1	Subscriber Sets — 415E — Magneto — Connections
510-310-406	2	Subscriber Sets — 415H, CD — Magneto — Used With Hand Telephone Sets — Connections
510-320-400	1	Hand Telephone Sets — Magneto — Connections — General
510-320-401	1	Hand Telephone Sets — 201A — Magneto — Connections
510-320-402	1	Hand Telephone Sets — 202H — Magneto — Connections
510-320-403	1	Hand Telephone Sets — 211E — Magneto — Connections
510-320-404	1	Hand Telephone Sets — 213E — Magneto — Connections
510-320-405	1	Hand Telephone Sets — 215A — Magneto — Connections
510-330-400	1	Telephone Sets — 307A — Magneto — Connections
510-330-401	1	Telephone Sets — 309A — Magneto — Connections
510-330-402	1	Telephone Sets — 357A — Magneto — Connections

510-4 Coin Collectors — Magneto and Subscriber Sets — Magneto Coin Collector

510-410-180	1	Coin Station Sets — Magneto — Selection
510-410-400	1	Subscriber Sets — 400A and K — Magneto — Used With Coin Collectors — Connections
510-410-401	1	Subscriber Sets — 400CD — Magneto — Used With Coin Collectors — Connections
510-410-402	1	Subscriber Sets — 415H and CD — Magneto — Used With Coin Collectors — Connections
510-420-400	1	Coin Collectors — Postpay — 150K, L; 162A, B, C, D — Manual — Magneto — Connections
510-420-401	1	Coin Collectors — Postpay — 152C, D; 164C, D — Manual — Magneto — Connections
510-420-402	1	Coin Collectors — Postpay — 182C, D — Manual — Magneto — Connections

Number	Issue	Subject
510-8 Magneto Sets — Special Usage		
510-810-100	5	Telephone Sets — 331-Type — Portable
510-820-100	2	Telephone Set — F-50682 — Ground Observer's Telephone
510-830-100	1	Telephone Set, KS-19148, List 1 — Mine Station, Nonexplosive Atmosphere — Magneto

Division 512

Automatic Dialers, Station Keys, Key Equipment Interphone Systems, Modular Units, Speakerphone Systems, and Conference Sets

512-0 Indexes

512-1 Automatic Dialers

512-2 Station Keys

512-3 Key Equipment

512-5 Interphone Systems

512-6 Speakerphones, Speakerphone Systems, and Conference Sets

512-7 Speakerphone System 4-Type

Number	Issue	Subject
512-0 Indexes		
512-000-000	42	Index — Division 512 — Automatic Dialers, Station Keys, Key Equipment — Interphone Systems, Modular Units, and Speakerphone Systems
512-1 Automatic Dialers		
512-110-100	1	Telerapid Automatic Dialers — TR350 and 125 Types
Addendum	1	
512-115-100	4	KS-16844 RAPIDIAL* — Identification, Installation, Operation, Connections, and Maintenance
512-120-101	3	F-56105 Telephone Set Using KS-16844 RAPIDIAL — Identification, Operation, Installation, and Connections
512-120-102	2	F-56105 Telephone Set for Howard Johnson Motor Hotel Chain — Identification
512-120-103	2	F-56105 Telephone Set for Imperial House 400 Motor Hotel Chain — Identification
512-125-100	2	KS-19594 Dialer Description and Operation
512-125-200	2	KS-19594 Dialer Installation
512-125-300	3	KS-19594 Dialer — Maintenance
512-125-400	6	KS-19594 Dialer — Telephone Sets Equipped With Rotary Dials — Connections
512-125-410	3	KS-19594 Dialer — Telephone Sets Equipped With TOUCH-TONE® Dials — Connections
512-125-430	2	KS-19594 Dialer — Switchboard and Miscellaneous Key Equipment — Connections
Addendum	1	
512-126-100	1	F-56503 Type Telephone Set Using KS-19594 Dialer Identification, Operation, Installation, Connections, and Maintenance
❶ 512-199-100	1	Repertory Dial — Dialer, MITRE No. 5 System — Identification, Installation, Connections, Operations and Maintenance
512-2 Station Keys		
Addendum	1	
512-210-101	4	6017-, 6026-, KS-21254, and KS-21776 Type Separately Mounted Keys — Identification, Installation, and Connections
512-210-102	1	Separately Mounted Keys, Nonilluminated Pushbutton — 6021-, 6022-, 6023-, 6027-, and 6028-Types — Identification, Installation, and Connections
512-210-103	6	6040-, 6041-, 6050-, and 6051-Type Separately Mounted Keys — Identification, Installation, and Connections
512-215-100	1	6030A Key for Customers With Impaired Hearing
512-220-100	7	549- and 551-Type Pushbutton Keys — Identification, Installation, Maintenance, and Connections
512-230-100	9	Modular Keys, Lamp Sockets, and Transmitters (KS-Type Connector Equipped)

* RAPIDIAL is a registered trademark of McGraw-Edison Co.

Number	Issue	Subject
512-230-101	9	Modular Keys, Lamp Sockets, and Transmitters (Terminal Plug Receptacle Equipped) — Identification, Installation, and Maintenance
512-230-102	1	Modular Units — Transmitters and Speakerphone Controls
512-230-103	2	Modular Units — Flashing and Release Keys
512-230-104	1	Multiline Conferencing (Key Conversion or Replacement)
512-240-100	6	Key Mountings — 400-, 1400-, and 2400- Series — 30, 60, 90, and 120 Line Sizes — Identification and Selection
Addendum	1	
512-240-101	4	Key Mountings — 400-, 1400-, and 2400- Series — 6, 12, and 18 Line Sizes — Identification and Selections
512-240-200	9	Key Mountings — 400-, 1400-, and 2400- Series — 30, 60, 90, and 120 Line Sizes — Installation and Maintenance
512-240-201	5	400-, 1400-, and 2400-Series Key Mountings — 6, 12, and 18 Line Sizes — Installation and Maintenance
512-240-400	6	Key Mountings — 400-, 1400-, and 2400- Series — 30, 60, 90, and 120 Line Sizes — Connections
512-240-401	4	400-, 1400-, and 2400-Series Key Mountings — 6, 12, and 18 Line Sizes — Connections
512-270-100	2	700-Type Modular Station Apparatus — Identification
512-270-200	3	700-Type Modular Station Apparatus — Assembly and Installation
512-270-300	4	Modular Station Apparatus — 700-Type — Maintenance

512-3 Key Equipment

512-310-400	1	1A — Common Battery — Connections
512-310-401	1	1A — (Local Battery Talking — Common Battery Signaling) — Connections
512-312-100	2	2A and 2B — Identification
512-312-400	2	2A and 2B — Connections
512-314-100	4	4A — Identification, Installation and Maintenance
512-314-400	11	4A — Common Battery Talking — Common Battery Signaling — Connections
512-314-401	4	4A — Local Battery Talking — Common Battery Signaling — Connections
512-316-100	2	5A and 5B — Identification
512-316-200	2	5A and 5B — Installation and Maintenance
512-316-400	3	5A and 5B — Connections
512-330-100	1	100 — Identification
512-330-200	1	100 — Installation
512-330-300	1	100 — Maintenance
512-330-400	1	100 — Connections
512-332-100	2	101A and 101B — Identification
512-332-200	1	101A and 101B — Installation
512-332-300	3	101A and 101B — Maintenance
512-332-400	1	101A and 101B — Connections
512-334-100	1	102A — Description and Use
512-336-100	2	103A — Secretarial Answering Service
512-344-100	1	111A — Description and Use

512-5 Interphone Systems

1A Home Interphone Systems

512-510-100	5	1A Home
512-510-200	8	1A Home
512-510-401	3	1A Home — 511-Type Telephone Sets — Connections and Maintenance
512-510-403	1	1A Home — 558-Type Telephone Sets — Connections and Maintenance
512-510-405	2	1A Home — 711B Telephone Set — Connections and Maintenance
512-510-406	4	1A Home — 712B Telephone Set
512-510-408	2	1A Home — 751-Type Telephone Sets — Connections and Maintenance
512-510-410	3	1A Home — 752-Type Telephone Set — Connections and Maintenance

Number	Issue	Subject
512-510-412	2	1A Home — 754-Type Telephone Set — Connections and Maintenance
512-510-421	1	1A (Home) — 1511-Type Telephone Sets — Connections and Maintenance
512-510-423	1	1A Home — 1558D Telephone Set — Connections and Maintenance
512-510-426	2	1A Home — 1712B Telephone Set — Connections and Maintenance
512-510-428	2	1A Home — 1751-Type Telephone Sets — Connections and Maintenance
512-510-430	3	1A Home — 1752-Type Telephone Set — Connections and Maintenance
512-510-441	3	1A Home — 2511F/H Telephone Set — Connections and Maintenance
512-510-443	2	1A Home — 2558D Telephone Set — Connections and Maintenance
512-510-446	1	1A (Home) — 2712B Telephone Sets — Connections and Maintenance
512-510-448	2	1A Home — 2751-Type Telephone Sets — Connections and Maintenance
512-510-450	2	1A Home — 2752-Type Telephone Sets — Connections and Maintenance
512-510-452	3	1A Home — 2754-Type Telephone Sets — Connections and Maintenance

2A Farm Interphone Systems

512-515-100	5	2A Farm
512-515-200	6	2A Farm
512-515-402	1	2A Farm — 511C/D and 511F/H Telephone Sets — Connections and Maintenance
512-515-404	1	2A Farm — 558C/D and 558F Telephone Sets — Connections and Maintenance
512-515-407	1	2A Farm — 711B Telephone Set — Connections and Maintenance
512-515-408	1	2A Farm — 712B Telephone Set — Connections and Maintenance
512-515-412	1	2A Farm — 1511D and 1511F/H Telephone Sets — Connections and Maintenance
512-515-414	1	2A Farm — 1558D Telephone Set — Connections and Maintenance
512-515-418	1	2A Farm — 1712B Telephone Set — Connections and Maintenance
512-515-422	2	2A Farm — 2511F/H Telephone Sets — Connections and Maintenance
512-515-424	1	2A Farm — 2558D Telephone Set — Connections and Maintenance
512-515-428	1	2A Farm — 2712B Telephone Set — Connections and Maintenance

Apartment Door Answering

512-520-100	6	2755A and 2755AM Apartment Door Answering Telephone Sets — Identification, Installation, and Operation
512-520-400	5	2755-Type Apartment Door Answering Telephone Sets — Connections, Maintenance, and Operation

Intercommunicating Systems

512-530-100	1	Intercommunicating Systems — School to Home — Identification
512-530-200	2	Intercommunicating Systems — School to Home — Installation, Maintenance, and Connections
512-531-100	3	KS-19120 Intercommunicating System — School to Home — Identification
512-531-200	6	KS-19120 Intercommunication System — School to Home — Installation, Connections, and Maintenance

Number	Issue	Subject
2A Communication System		
512-534-100	5	2A Communication System — (Business Interphone) — Identification, Installation, and Operation
512-534-400	5	2A Communication System (Business Interphone)
3A Communication System		
512-535-100	5	3A Communication System — (Hospital Interphone) — Identification
512-535-200	3	3A Communication System — (Hospital Interphone) — Equipment Cabinet — Installation, Connections, and Maintenance
512-535-201	4	3A Communication System — (Hospital Interphone) Control Console
512-535-202	5	3A Communication System — (Hospital Interphone) Patient Telephone Set — Installation, Connections, and Maintenance
512-535-300	2	3A Communication System — (Hospital Interphone) — Method of Operation
512-6 Speakerphone and Conference Sets		
1A and 1A1 Speakerphone Systems		
512-610-100	2	1A and 1A1 Speakerphone Systems — Identification
512-610-101	2	1A and 1A1 Speakerphone Systems — Operation
512-610-200	1	1A and 1A1 Speakerphone Systems — Installation and Maintenance
512-610-400	2	1A and 1A1 Speakerphone Systems — Connections
3-Type Speakerphone Systems		
512-620-100	7	Speakerphone System — 3-Type Description
512-620-403	3	Speakerphone Systems — 3A — CALL DIRECTOR® — Connections
512-620-406	2	Speakerphone Systems — 3 Type — Speakerphone Conference Systems
512-620-407	4	Speakerphone System — 3-Type — 211- Type and 2211P Hand Telephone Set — Connections and Maintenance
512-620-410	3	Speakerphone System — 3-Type — 500R/S, 1500S, and 2500S Telephone Set — Connections
512-620-415	4	Speakerphone System — 3-Type — 511-, 1511-, and 2511-Type Telephone Sets — Connections and Maintenance
512-620-418	4	Speakerphone System — 3-Type — 558-, 1558-, and 2558-Type Telephone Sets — Connections and Maintenance
512-620-420	4	Speakerphone Systems — 3-Type — 565-, 1565-, and 2565-Type Telephone Sets — Connections
512-620-426	3	Speakerphone System — 3-Type — 566- Type Telephone Sets — Connections
512-620-430	2	Speakerphone Systems — 3-Type — 568HAA and 2568HAA Telephone Sets — Connections and Maintenance
512-620-440	5	630-, 631-, 1630-, 1631-, 2630-, and 2631- Type Telephone Sets — Connections — Speakerphone System — 3-Type
512-620-442	3	Speakerphone System — 3-Type — 632-, 1632-, and 2632-Type Telephone Sets — Connections and Maintenance
512-620-444	2	Speakerphone System — 3-Type — 634-, 635-, 1634-, 2634-, and 2635-Type Telephone Sets — Connections
512-620-450	2	Speakerphone System — 3-Type — 682AA, 683AA, 2682AA, and 2683AA Telephone Sets — Connections
512-620-460	3	Speakerphone System — 3-Type — 660A1 Telephone Set — Connections and Maintenance
512-620-461	1	Speakerphone System — 3 Type — 661- Type Telephone Set — Connections
512-620-462	3	Speakerphone System — 3-Type — 662- Type Telephone Set — Connections and Maintenance

Number	Issue	Subject
512-620-471	2	Speakerphone System — 3-Type — 701B, 702B, 1702B, and 2702-Type Telephone Sets — Connections and Maintenance
512-620-474	3	Speakerphone System — 3-Type — 711B, 712B, 712BM, 1712B, 2712B, and 2712BM Telephone Sets — Connections and Maintenance
512-620-480	3	Speakerphone System — 3-Type — 752-, 1752-, and 2752-Type Telephone Sets — Connections and Maintenance
512-620-485	2	Speakerphone Systems — 3-Type — 830-, 831-, 2830-, and 2831-Type Telephone Sets — Connections and Maintenance
512-620-487	2	Speakerphone Systems — 3-Type — 832-, 2832-, 833-, and 2833-Type Telephone Sets — Connections
512-620-495	3	Speakerphone System — 3-Type — 851- and 2851-Type Telephone Sets — Connection and Maintenance
512-621-460	1	Speakerphone System — 3-Type — 1660- Type Telephone Sets — Connections and Maintenance
512-621-462	2	Speakerphone System — 3-Type — 1662- Type Telephone Set — Connections and Maintenance
512-622-460	2	Speakerphone System — 3-Type — 2660- Type Telephone Sets — Connections and Maintenance
512-622-462	3	Speakerphone System — 3-Type — 2662- Type Telephone Set — Connections and Maintenance

Conference Sets

Number	Issue	Subject
512-630-101	3	KS-19134, List 1 Conference Set — Identification
512-630-110	1	50A Conference Set — Identification, Installation, Connections, Operation, and Maintenance
512-630-111	3	50A1 Conference Set — Identification, Installation, Connections, Operation, and Maintenance
512-630-201	3	KS-19134, List 1 Conference Set — Installation and Maintenance
512-630-401	2	KS-19134, List 1 Conference Set — Connections

512-7 Speakerphone System 4A-Type

Number	Issue	Subject
Addendum	1	
512-700-100	5	4A Speakerphone Components — Identification, Installation, Operation, and Maintenance
512-710-400	3	Speakerphone System — 4A — 211PR Hand Telephone Set — Connections
512-710-405	4	4A — 500S, 500SM, 2500S, and 2500SM Telephone Sets — Connections
512-710-410	6	511- and 2511-Type Telephone Sets — Connections
512-710-412	5	558D, 558F, 558FM, 2558D, and 2558DM Telephone Sets — Connections
512-720-405	5	565- and 2565-Type Plug-Ended Telephone Sets — Connections
512-720-406	3	566MD and 566MDM Telephone Set — Connections — Speakerphone System — 4A
512-730-400	5	630-, 631-, 632-, 634-, 635-, 2630-, 2631-, 2632-, 2634-, and 2635-Type Telephone Sets — Connections
512-730-450	5	660A1, 2660A1, and 2660A1M Telephone Sets — Connections
512-730-455	3	662- and 2662-Type Telephone Sets — Connections
512-730-460	4	682-, 683-, 2682-, and 2683-Type Telephone Sets — Connections
512-740-405	3	702B, 702BM, 2702B, and 2702BM Telephone Sets — Connections — Speakerphone System — 4A
512-740-410	6	711B, 712B, 712BM, 2712B, and 2712BM Telephone Sets — Connections
512-740-470	6	830-, 831-, 2830-, and 2831-Type Telephone Sets — Connections
512-740-471	4	832-, 833-, 2832-, and 2833-Type Telephone Sets — Connections
512-740-480	4	851- and 2851-Type Telephone Sets — Connections

Number	Issue	Subject
512-740-481	2	852- and 2852-Type Telephone Sets — Connections
512-750-100	1	Telehelper — Identification, Installation, Connection, Operation, and Maintenance

Division 514

Telephone Answering Sets and Systems And Announcement Sets and Systems

514-0 Indexes

514-1 DC-AC Inverter, Heater Base, and Telephone Answering Sets and Systems

514-2 Announcement and Reporting Sets

514-6 Announcement Systems — Station Control Apparatus

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514-0 Indexes		
514-000-000	40	Numerical Index — Division 514 — Telephone Answering and Announcement Sets and Systems
514-1 DC-AC Inverter, Heater Base, and Telephone Answering Sets and Systems		
514-112-100	2	KS-15662 DC-AC Inverter — For Use with Telephone Answering Sets
514-114-100	1	KS-14782 Heater Base — For Use with 1A, 1AA, 1B, and 1BA Telephone Answering Set
Telephone Answering Sets		
514-118-100	1	1A and 1AA — Description
514-118-200	1	1A and 1AA — Installation
514-118-300	1	1A and 1AA — Maintenance
514-118-400	1	1A — Station Connections
514-118-401	1	1AA — Station Connections
514-120-100	1	1B and 1BA — Identification and Assembly of Parts
514-120-101	1	1B and 1BA — Operation
514-120-200	1	1B and 1BA — Installation
514-120-300	1	1B and 1BA — Maintenance
514-120-301	1	1B and 1BA — Requirements and Adjustments
514-120-400	3	1B and 1BA — Connections
514-124-100	1	2A — Identification and Assembly of Parts
514-124-101	2	2A — Operation
514-124-200	1	2A — Installation
514-124-300	1	2A — Maintenance
514-124-301	1	2A — Requirements and Adjustments
514-124-400	1	2A — Connections
514-126-100	1	2AB — Identification
514-126-200	1	2AB — Installation and Maintenance
514-126-400	2	2AB — Connections
514-140-100	1	KS-14580 — (Peatrophone) — Description and Installation
514-140-300	1	KS-14580 — (Peatrophone) — Maintenance for Serial No. 101 to 501 Inclusive
514-140-301	1	KS-14580 — (Peatrophone) — Maintenance for Serial No. 502 and Higher
514-140-400	1	KS-14580 — (Peatrophone) — Station Connections
514-145-100	1	KS-16378 — Identification and Assembly of Parts
514-145-101	2	KS-16378 — Operation
514-145-200	1	KS-16378 — Installation
514-145-300	3	KS-16378 — Maintenance
514-145-301	2	KS-16378 — Mechanical Adjustments
514-145-400	2	KS-16378 — Connections
514-150-100	3	KS-16923, List 1 — Identification and Assembly of Parts
514-150-101	2	KS-16923, List 1 — Operation
514-150-200	3	KS-16923, List 1 — Installation and Connections
514-150-300	3	KS-16923, List 1 — Mechanical Adjustments and Maintenance
514-155-100	6	KS-19245, Lists 1, 13, 24, and 26 — Identification, Installation, Operation, and Connections
Addendum	2	
514-155-300	3	KS-19245, List 1 — Mechanical Adjustment and Maintenance
514-155-301	4	KS-19245, Lists 13, 24, and 26 Telephone Answering Sets — Maintenance
514-156-100	2	The AutoMatic TelePhone*

Number	Issue	Subject
514-156-105	1	Telehelper Answering Machine — Description — Telephone Answer and Record Device Sets

514-2 Announcement and Reporting Sets

514-210-100	6	KS-16765, Lists 1, 2, 11, and 12 Announcement Sets — Identification and Maintenance
514-210-200	5	KS-16765, List 1, 2,11, and 12 Announcement Sets — Installation, Connections and Operation
514-230-100	4	1A Telephone Reporting Set — Identification, Installation/Connections, Test, and Maintenance
514-230-101	1	1A Telephone Reporting Set — Detailed Description
514-230-102	2	62A Control Unit — Identification, Installation, and Connections

514-6 Announcement Systems — Station Control Apparatus

■ 514-600-100	1	AT&T Digital Announcer — Requirements and Tools
Addendum	1	
514-610-100	2	8A — Using KS-16765, L1 Announcement Set or 2-Type Telephone Answering Set
514-615-100	3	8A and 9A — Identification, Installation, Connections, and Maintenance
514-615-200	2	8A and 9A — Installation, Connections, Line-Up, and Maintenance
514-615-300	1	8A and 9A — Operating Procedures for Single Channel Service
514-615-301	1	8A and 9A — Operating Procedures for Dual Channel Service
514-616-100	1	AT&T Digital Announcer Installation and User Guide

Division 518

Key Telephone Systems, Communications Systems, and Switching System No. 400

518-0 Index and General Key Telephone System Information
- -000 Index
- -015 Common Equipment
- -010 Key Telephone Systems — General Information

518-1 1A, 1A1 Key Telephone Systems
- -112 1A Key Telephone System
- -114 1A1 Key Telephone System

518-2 1A2 Key Telephone System

518-3 Key Telephone Units Common To Several Systems
- -322 PARTNER MAIL ®

518-4 6A, 6B Key Telephone Systems and Communications Systems
- -410 6A Key Telephone System
- -411 6B Key Telephone System
- -450 Packaged Communication Systems (4A, 7A, 14A, 21A)
- -451 HORIZON® Communications System
- -455 PARTNER® Communication System

518-5 2A, 2B Key Telephone Systems

518-6 MERLIN®

518-7 Switching System No. 400

518-8 Special Communications Systems
- -810 Paging Systems

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518-0 Index and General Key Telephone System Information		
518-000 Index		
518-000-000	84	Numerical Index — Division 518 — Key Telephone Systems, Communications Systems, and Switching System No. 400 (5-95)
518-010 Key Telephone Systems — General Information		
518-010-101	2	Centralized Key Telephone Installations
518-010-105	3	Grounding and Special Protection Requirements — Description
518-010-106	3	Power Unit Selection
518-010-107	1	Reserve Power — 47C Power Unit
518-010-108	5	Common Audible Signaling
518-010-109	2	Voice Station Signaling on Manual Intercoms — Identification, Installation, and Maintenance
518-010-110	1	2A1 Matrix Block — Identification, Installation, Connection, and Maintenance
Addendum	1	
518-010-111	2	Message Waiting Consoles Used With 1A, 1A1, or 1A2
518-010-115	2	Hands-Free Answering on Intercom — 1A1, 1A2, 6A and 6B Key Telephone Systems
518-010-116	2	Paging Adapter Circuit — 278A Adapter
518-010-117	1	337A Paging Adapter — Identification, Installation, Corrections, Operation, and Maintenance
518-010-130	7/91	Roadrunner Source Book for EKTS — Guide for Sun Computers' NOTE: This book is included in 501-501-000 Document Set
518-015 Common Equipment		
518-015-101	1	AT&T RDC II User Manual
518-015-102	9/93	AT&T RLX 246 User Manual
■ 518-015-103	1	Voice Compression Multiplexer Sales Training Video
518-1 1A, 1A1 Key Telephone Systems		
518-112 1A Key Telephone System		
Reference		
Addendum	2	
518-112-105	1	Reference

Number	Issue	Subject
Service		
518-112-420	1	50-Type Packaged Unit
518-112-421	2	Tie Line and Control Services
518-112-422	1	Intercom Services

518-114 1A1 Key Telephone System

Number	Issue	Subject
Reference		
518-114-105	2	Identification and Arrangements
518-114-108	2	Installation and Maintenance
518-114-110	4	Key Telephone Units
Addendum	1	
518-114-115	1	Packaged Key Telephone Units
518-114-116	2	Touch-Tone Adapters
518-114-120	1	Key Service Units
518-114-417	2	Signal Key and Buzzer Circuits — Connection Data
Service		
518-114-425	3	Key Telephone Units
518-114-430	1	200F, G, and K Packaged Key Telephone Units
Addendum	1	
518-114-431	3	200H Packaged Units
518-114-432	1	Key Service Units

518-2 1A2 Key Telephone System

Number	Issue	Subject
Reference		
518-215-100	7	Identification and Arrangements
Service		
518-215-400	8	Key Telephone Units — Identification Line Services
518-215-401	4	1A2 Key Telephone System — Auxiliary Line Services
518-215-402	6	400-Series Key Telephone Units for Intercom Services — Description
518-215-403	2	Control Services
518-215-404	2	501- and 502-Type Key Service Units — Identification, Installation, Connection, and Maintenance
Addendum	2	
518-215-405	7	Service — 513-, 514-, and 515-Type Key Service Units — Identification, Connection, and Maintenance
Addendum	1	
518-215-407	2	Service — Key Service Units 550- and 551-Type — Identification, Installation, Connection and Maintenance
518-215-410	9	583- and 584-Type Panels — Identification, Installation, Connections, and Maintenance
Addendum	1	
518-215-417	7	Service — 597- and 598-Type Panels — Identification, Installation, and Connections
518-215-418	2	Panels — 601-, 602-, and 603-Type
518-215-419	6	620A-Type, 641A, and 642A Modular Panels — Identification, Installation, Connections, and Maintenance
Addendum	1	
518-215-420	6	69B, D, and G Apparatus Mountings — Identification, Installation, and Connection
518-215-421	3	626A Modular Panel
518-215-422	4	Service — 110A Apparatus Mounting
518-215-424	2	630-Type Key Service Panel and 113-Type Connecting Unit — Identification, Installation, and Connections
518-215-425	2	593-Type Key Service Unit — Identification and Installation

518-3 Key Telephone Units Common To Several Systems

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518-300-103	1	DC Lamp Resistance Circuits — Connections
518-300-413	4	259-Type — Identification
518-300-416	1	271A Key Telephone Unit — Identification
518-300-417	1	272A Key Telephone Unit — Identification
518-310-105	1	228A and 265A Key Telephone Units — Identification
518-310-400	1	Universal Line Unit — Key Telephone Systems 1A, 1A1 — Key Equipments 100, 101A, 101B, 102A — Using 213B Key Telephone Unit

Number	Issue	Subject
518-310-401	2	227A (MD) and 227B Key Telephone Units — Audible and Visual Signaling — Identification and Connections
518-310-403	5	232-Type Key Telephone Units (Interrupter) — Identification and Connections
518-310-405	5	Station Line Concentrators 235- and 236- Type Key Telephone Units — Identification and Connections
518-310-407	8	237-Type — Identification, Operation, and Connections

518-322 PARTNER Mail ®

518-322-102	1	PARTNER Mail® — Installation
518-322-103	1	PARTNER Mail — Quick Reference

518-4 6A, 6B Key Telephone Systems and Communications Systems

518-410 6A Key Telephone System

Addendum	2	
518-410-100	6	Identification and Installation
518-410-300	3	Selector Only Arrangement — Maintenance
518-410-301	3	Single-Talking Link Arrangement — Maintenance
518-410-302	3	2-Talking Link Arrangement — Maintenance
Addendum	1	
518-410-400	6	Selector Only — Connections
Addendum	1	
518-410-401	6	Single Talking Link — Connections
518-410-402	8	Two-Talking Link — Connections
518-410-403	1	Holding Arrangement for 6A Stations — Using 1A or 1A1 Line and Signaling Circuits

518-411 6B Key Telephone System

518-411-100	3	DIALOG® Intercom System — Description, Installation, Connection, Operation, and Maintenance

Number	Issue	Subject

518-450 Packaged Communication Systems (4A, 7A, 14A, 21A)

Addendum	1	
518-450-100	5	7A Communication System — COM KEY® Key Telephone System — Description, Ordering Information, and Operation
■▲518-450-101	2	7A Communication System (COM KEY 718) Installation and Maintenance
518-450-102	4	14A Communication System — (COM KEY 1434) — Identification, Installation, Connection, Operation, and Maintenance — Customer Equipment
518-450-103	1	COM KEY Arrangement Using 580A KSU and 832 or 2832-Type
Addendum	1	
518-450-105	2	4A Communication System — COM KEY 416
518-450-106	4	4A Communication System— Description, Ordering Information, and Operation — COM KEY 416 Key Telephone System
■ 518-450-107	2	4A Communication System (COM KEY 416) — Installation and Maintenance
Addendum	1	
518-450-110	3	21A Communication System — Descriptive and Ordering Information (COM KEY 2152 Key Telephone System)
■ 518-450-111	3	21A Communication System — (COM KEY 2152) — Installation and Test

518-451 HORIZON® Communications System

518-451-001	1	Business Services Design Engineering — Traffic Measurements
■ 518-451-002	1	Business Services Traffic Engineering
518-451-010	2	Labor Time Reporting for HORIZON — Communication System to Track Costs
■▲518-451-100	8	Communications System (32A)
518-451-103	2	Changing 16A System to 32A System — Procedures

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518-451-104	2	Converting Feature Package A+ to Type B Common Equipment — Procedures
518-451-105	6	System Description and Preinstallation Information — Feature Package A+
518-451-106	1	Converting Feature Package A+, Type B, or B+ Common Equipment to Type E Common Equipment — Procedure — (32A)
518-451-107	1	Converting Feature Package A+ to B+ Common Equipment — Procedures
518-451-108	1	Converting Type B Common Equipment to Type B+ Common Equipment — Procedure
518-451-109	1	Converting Type B+ or Type E Common — Equipment to Type E+ Common Equipment — Procedure
518-451-110	6	Intradivisional Alphanumeric Index — Feature Documents
518-451-111	2	Feature Package A+ — Attendant Station Selector Console Feature
518-451-112	1	Feature Package A+ — Automatic Intercom With Station Busy and Station DSS with Station Busy Features
518-451-113	1	Feature Package A+ — Recall Button Feature
518-451-114	2	Feature Package A+ — Call Coverage, Call Coverage — Ring Options, and Timing — Option for Send Ring on Don't Answer Features
518-451-115	3	Call Waiting Indication and Abbreviated Ring Features— Description —Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-116	7	Customer Access Unit Feature — Description — Feature Package A+, Type B, B+, D, E, E+ Common Equipment — (32A)
518-451-117	2	Feature Package A+ — Central Answering Position, Supplementary Answering Position, System Alarm Indications, and Associated Answering Position Features
518-451-118	2	Feature Package A+ — CO-ICM Conference (CO-CO Conference) Feature
518-451-119	1	Feature Package A+ — Music-on-Hold Feature
518-451-120	4	Dial Dictation Access Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-121	3	Per Call Ringer Cutoff and Distinctive Alert Features — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-122	3	Distinctive Permanent Signal Treatment Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-123	3	External Alert Access Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-124	1	Feature Package A+ — Through Dialing Feature
518-451-125	1	Feature Package A+ — Hold Feature and Hold and Conference Release on Abandon Feature
518-451-126	2	Toll Restriction Feature — Description — Feature Package A+
518-451-127	4	Line Status Indication and I-Use Indication Features — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-129	3	Loudspeaker Paging Access Feature — Description — Feature Package A+
518-451-130	3	Manual Exclusion Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-132	3	Manual Signaling Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-133	3	Touch-Tone Service to Dial Pulse Conversion Feature — Description
518-451-134	3	Feature Package A+ — Night Service — Answer Any Station Feature

Number	Issue	Subject
518-451-135	5	Extended Station Capability and Out-of- Building Stations Features — Description — Feature Package A+
518-451-136	3	System Access — Originate Only Feature — Description — Feature Package A+,TypeB, B+, D, or E Common Equipment — (32A)
518-451-137	1	Feature Package A+ — Outward Restriction Feature
518-451-138	2	Feature Package A+ —Personal Line Access Feature
518-451-139	2	Feature Package A+ — Pooled Facilities — Button Access and Facilities Busy Indication Features
518-451-140	1	Feature Package A+ — Pooled Facilities — Dial Access Feature
518-451-141	4	Power Failure Transfer Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment
518-451-142	4	Feature Package A+ — Tielines to Other PBX's Feature — (32A)
518-451-143	1	Feature Package A+ — Prime Line Preference, Ringing Line Preference, and Preselection Feature
518-451-145	3	Touch-Tone Calling and Rotary Calling Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-146	1	Feature Package A+ — Station-to-Station Calling, Dial Access to Attendant, and Immediate Ringing Features
518-451-147	1	Feature Package A+ — Station Message Waiting Feature
518-451-148	1	Feature Package A+ — Station Call Transfer Feature
518-451-150	3	Intercept Treatment With Reorder Tone Feature — Description — Feature Package A+, Type B, B+, D, or E Common Equipment — (32A)
518-451-205	4	System Description and Preinstallation Information — Type B and Type B+ Common Equipment — (32A)
518-451-206	2	Call Management System Description and Preinstallation Information — Type D Common Equipment — Call Management System (32A)
518-451-207	3	Call Management System — Maintenance Support — Type D Common Equipment
518-451-208	2	Communications System — System Description and Preinstallation Information — Type E and Type E+ Common Equipment — (32A)
518-451-211	4	Attendant Station Selector Console Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-212	4	Automatic Intercom With Station Busy Indication and Station Direct — Station Selection With Station Busy Indication Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-213	5	Recall Button Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-214	5	Call Coverage, Call Coverage— Ring Options, and Timing — Option for Send Ring on Don't Answer Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-217	5	Central Answering Position, Supplementary Answering Position, System Alarm Indications, and Associated Answering Position Features — Description —Type B, B+, D, or E Common Equipment — (32A)
518-451-218	5	CO-ICM Conference (CO-CO Conference) and Trunk-to-Trunk Conference Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-219	4	Music-on-Hold Access Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-224	4	Through Dialing Feature — Description — Type B, B+, D, or E Common Equipment — (32A)

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518-451-225	4	Hold Feature, Hold and Conference Release on Abandon, and Abandon Call Search Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-226	5	Toll Restriction Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-228	5	Call Pickup Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-229	3	Loudspeaker Paging Access Feature — Description — Type B, B+, or D Common Equipment — (32A)
518-451-231	4	Station Hunting Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-233	3	Touch-Tone Service to Dial Pulse Service Conversion Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-234	4	Night Service—Answer Any Station and Night Service Features — Description — TypeB, B+, D, or E Common Equipment — (32A)
518-451-235	6	Extended Station Capability and Out-of- Building Stations Features — Description — TypeB, B+, D, or E Common Equipment — (32A)
518-451-237	4	Outward Restriction Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-238	4	Personal Line Access Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-239	4	Pooled Facilities—Button Access and Facilities Busy Indication Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-240	4	Pooled Facilities—Dial Access Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-241	1	Direct Inward Dialing Feature — Description — Type E+ Common Equipment — (32A)
518-451-242	5	Tielines to Other PBX's Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-243	4	Prime Line Preference, Ringing Line Preference, and Preselection Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-244	1	Flexible Numbering Plan and Personal Dial — Code Plan Features — Description — Type E+ Common Equipment
518-451-246	6	Station-to-Station Calling, Dial Access to Attendant, and Immediate Ringing Features — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-247	4	Station Message Waiting Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-248	4	Station Call Transfer Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-249	4	Flexible DSS/Out Feature — Description— Type B, B+, D, or E Common Equipment — (32A)
518-451-250	1	Station Message Detail Recording Feature — Description — Type E+ Common Equipment
518-451-251	5	Direct Group Calling Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-253	5	Busy Lamp Field Feature — Description — Type B, B+, D, or E Common Equipment — (32A)
518-451-254	3	Call Park Feature — (Call Parking/Meet- Me-Conferencing/Call Transferring) — Description — Type B+, D, or E Common Equipment
518-451-255	1	Loudspeaker Paging Access Feature — Description — Type E Common Equipment — (32A)
518-451-256	1	Flexible Night Service — Description — Type E Common Equipment — (32A)
518-451-257	1	In Button, After Call Work Button, Customer Work States, and Associated — Agent Position Features — Description — Type D Common Equipment — (32A)

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518-451-258	1	Delayed Announcement Feature — Description — Type D Common Equipment — (32A)
518-451-260	1	Service Observing Feature — Description — Type D Common Equipment — (32A)
518-451-261	1	Call Transfer to Split Feature — Description — Type D Common Equipment — (32A)
518-451-262	1	Code Entry and Trouble Reporting Feature — Description — Type D Common Equipment — (32A)
518-451-263	1	Assistance Feature — Description — Type D Common Equipment — (32A)
518-451-264	2	Agent Log-In/Log-Out and Personal Dial — Code Calling Features — Description — Type D Common Equipment — (32A)
518-451-265	2	Alternate Traffic Routing—Intraflow and Alternate Traffic Routing—Interflow Features — Description — Type D Common Equipment — (32A)
518-451-266	3	Supervisor Hierarchy, Split Group Assignment and Combined Split Features — Description — Type D Common Equipment — (32A)
518-451-268	2	Agent Performance, Exception Reporting, Service Quality, Specific Tabulation, Trouble Log, and Trunk Usage Features — Description — Type D Common Equipment — (32A)
518-451-300	6	Maintenance Support — Feature Package A+ or Type B, B+, E, or E+ Common Equipment — (32A)
518-451-301	1	Feature Package A+ — Maintenance Support

HORIZON Communications System VS (16A)

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▲518-451-500	4	HORIZON Common System Vs 16A
518-451-505	2	System Description and Preinstallation Information — Type B or B+ Common Equipment
518-451-506	5	Maintenance Support — Type B, B+, or C Common Equipment
518-451-507	1	System Description and Preinstallation — Type C Common Equipment
518-451-508	1	Converting to Type B+ Common Equipment — Procedures
518-451-510	3	Intradivisional Alphanumeric Index — Feature Documents
518-451-511	4	Attendant Station Selector Console Feature — Description — Type B or B+ Common Equipment
518-451-512	2	Automatic Intercom With Station Busy Indication and Station Direct Station Selection With Station Busy Indication Features — Description
518-451-513	1	Recall Button Feature
518-451-514	3	Call Coverage, Call Coverage — Ring Options, and Timing Option for Send Ring on Don't Answer Features — Description
518-451-515	1	Call Waiting Indication and Abbreviated Ring Features
518-451-516	2	Customer Access Unit Feature — Description
518-451-517	2	Central Answering Position, Supplementary Answering Position, System Alarm Indications, and Associated Answering Position Features — Description
518-451-518	2	CO-ICM Conference (CO-CO Conference) Feature — Description
518-451-519	1	Music-on-Hold Access Feature
518-451-520	2	Dial Dictation Access Feature — Description
518-451-521	1	Per Call Ringer Cutoff and Distinctive Alert Feature
518-451-522	1	Distinctive Permanent Signal Treatment Feature
518-451-523	3	External Alert Access Feature — Description
518-451-524	2	Through Dialing Feature — Description
518-451-525	2	Hold Feature and Hold and Conference Release on Abandon Feature — Description
518-451-526	3	Toll Restrictive Feature — Description
518-451-527	2	Line Status Indication and I-Use Indication Features — Description

Number	Issue	Subject
518-451-528	3	Call Pickup Feature — Description
518-451-529	3	Loudspeaker Paging Access Feature — Description
518-451-530	1	Manual Exclusion Feature
518-451-531	2	Station Hunting Feature — Description
518-451-532	2	Manual Signaling Feature — Description — VS (16A)
518-451-533	3	Touch-Tone Service to Dial Pulse Service Conversion Feature — Description
518-451-534	2	Night Service — Answer Any Station Feature — Description
518-451-535	4	Extended Station Capability and Out-of- Building Stations Features — Description
518-451-536	1	System Access — Originate Only Feature
518-451-537	2	Outward Restriction Feature — Description
518-451-538	2	Personal Line Access Feature — Description
518-451-539	2	Pooled Facilities — Button Access and Facilities Busy Indication Features — Description
518-451-540	2	Pooled Facilities — Dial Access Feature — Description
518-451-541	2	Power Failure Transfer Feature — Description
518-451-542	3	Tielines to Other PBX's Feature — Description
518-451-543	1	Prime Line Preference Ringing Line Preference, and Preselection Features
518-451-545	2	Touch-Tone Calling Feature
518-451-546	2	Station-to-Station Calling, Dial Access to Attendant, and Immediate Ringing Features — Description
518-451-547	2	Station Message Waiting Feature — Description
518-451-548	2	Station Call Transfer Feature — Description
518-451-549	2	Flexible DSS/Out Feature — Description
518-451-550	1	Intercept Treatment With Reorder Tone Feature
518-451-551	3	Direct Group Calling Feature — Description
518-451-553	2	Busy Lamp Field Feature — Description
518-451-554	1	Call Park Feature — (Call Parking/Meet- Me-Conferencing/Call Transferring) Description — Type B+ Common Equipment
518-451-555	1	Station Call and Charge Registers, Station Check-In/Check-Out, and System Rate of Charge Features — Description — Type C Common Equipment
518-451-556	1	Attendant Message Waiting Feature — Description

518-453 SPIRIT® Communication System

■	518-453-130	7/91	Roadrunner Source Book — SPIRIT® Guide for SUN* Computers NOTE: This book is included in 501-501-000 Document Set
	518-453-710	1	SPIRIT Attendant User Guide
	518-453-711	1	SPIRIT Attendant Installer's Guide
	518-453-712	1	SPIRIT Attendant Interface Owner's Manual

518-455 PARTNER® Communication System

	518-455-014	1	Using PARTNER, PARTNER PLUS, and PARTNER II with Centrex Services
	518-455-016	1	Page Pac† PARTNER — Installation Guide
	518-455-017	1	Page Pac PARTNER — Programming Guide
■	518-455-040	1	MLS 6 Telephone Button Label (100 per package)
■	518-455-041	1	MLS 12 Telephone Button Label (100 per package)
■	518-455-042	1	MLS 18D Telephone Button Label (100 per package)
■	518-455-043	1	MLS 34D Telephone Button Label (100 per package)
■	518-455-044	1	MLS CA24 DSS Telephone Button Label (100 per package)

* SUN is a registered trademark of Sun Microsystems, Inc.

† Page Pac is a registered trademark of Harris Corporation

Number	Issue	Subject
518-455-045	1	MLS Series Telephone Tray Cards (7-94)
518-455-050	1	PARTNER Remote Administration Unit Installation And Use
■ 518-455-051	3/94	PARTNER Battery Backup Apparatus Installation Instructions
■ 518-455-060	1	PARTNER MLS-6 Phone Photos (25/pkg)
■ 518-455-061	1	PARTNER MLS-12 Phone Photos (25/pkg)
■ 518-455-062	1	PARTNER MLS-12D Phone Photos (25/pkg)
■ 518-455-063	1	PARTNER MLS-18D Phone Photos (25/pkg)
■ 518-455-064	1	PARTNER MLS-34D Phone Photos (25/pkg)
PARTNER		
518-455-110	1	PARTNER Installation and User Guide
518-455-110EE	1	PARTNER Installation and User Guide (Eastern Europe)
518-455-110HU	1	PARTNER Installation and User Guide R2 (Hungarian)
518-455-112	1	PARTNER R3 Installation and User Guide
518-455-113	1	PARTNER R4.0 Installation and Use
518-455-114	1	PARTNER R4.0 Quick Reference for MLS Series Telephones
518-455-130	1	Roadrunner Source Book for PARTNER/PARTNER PLUS NOTE: This book is included in 501-501-000 Document Set
518-455-150	1	PARTNER Quick Reference Card
518-455-150EE	1	PARTNER Quick Reference (Eastern Europe)
518-455-150SPD	1	PARTNER Quick Reference (Spanish R2)
518-455-152	1	PARTNER R3 User Quick Reference Card
518-455-170	1	PARTNER Installation and Use (Eastern Europe)
518-455-170EE	1	PARTNER Programming and Use (9-94)
518-455-171	1	PARTNER Quick Reference (Eastern Europe)
518-455-172EE	1	PARTNER Installation (9-94)

Number	Issue	Subject
PARTNER Plus		
518-455-204	1	Using PARTNER PLUS in Centrex Mode (Quick Reference Card)
518-455-210	1	PARTNER PLUS Installation and User Guide
518-455-210EE	1	PARTNER PLUS Installation and User Guide (Eastern Europe)
518-455-212	1	PARTNER PLUS Communication System R3 Programming and Use
518-455-213	1	PARTNER PLUS R3 Installation and Ordering Guide
518-455-214	1	PARTNER PLUS R3 System Planner
518-455-215	1	PARTNER PLUS R3.1 Installation and Ordering Guide
518-455-216	1	PARTNER PLUS R3.1 MLS Series Telephone Quick Reference
518-455-216SP	1	PARTNER PLUS R3.1 MLS Series Telephone Quick Reference (Spanish)
518-455-217	1	PARTNER PLUS R3.1 Programming and Use
518-455-217SP	1	PARTNER PLUS R3.1 Programming and Use (Spanish)
518-455-218	1	PARTNER PLUS R3.1 Installation
518-455-220	2	PARTNER PLUS Release 2 12D Overlay for Use with MLS 12 Button Telephones
518-455-221	1	PARTNER PLUS Release 2 34D Overlay for Use with MLS 34 Button Telephones
518-455-222	1	PARTNER PLUS R4.0 Installation (8-94)
518-455-224	1	PARTNER PLUS R4.0 Programming and Use (8-94)
518-455-250	1	PARTNER PLUS Quick Reference and User Guide
518-455-250EE	1	PARTNER PLUS Quick Reference Guide (Eastern Europe)
518-455-250SP	1	PARTNER PLUS Quick Reference Guide (Spanish R2)
518-455-252	1	Using PARTNER PLUS Communication System R3 Quick Reference Card
■ 518-455-265	1	PARTNER 48/PLUS Programming and Use Guide (United Kingdom)

Number	Issue	Subject
518-455-266	1	PARTNER 48/PLUS Quick Reference for use with MLS Series Telephones (United Kingdom)
518-455-268	1	PARTNER 48/PLUS System Planner (U.K.)
518-455-270	1	PARTNER 48/PLUS Installation and Use Guide (Eastern Europe)
518-455-270EE	1	PARTNER 48/PLUS Programming and Use Guide (9-94)
518-455-271	1	PARTNER 48/PLUS Quick Reference for use with MLS Series Telephones (Eastern Europe)
518-455-272	1	PARTNER 48/PLUS System Planner R3.1 (Eastern Europe)
518-455-273EE	1	PARTNER 48/PLUS Installation Guide (9-94)

PARTNER II

518-455-305	1	PARTNER II R1 User's Quick Reference Card (MLS Telephone)
518-455-305SP	1	PARTNER II R1 User's Quick Reference Card (MLS Telephone) (Spanish)
518-455-306	1	PARTNER II R3 User's Quick Reference Card (MLS Telephone)
518-455-310	2	PARTNER II R1 Installation and User Guide
518-455-311	1	PARTNER II R3 Programming and User Guide
518-455-313	1	PARTNER II Installation Quick Reference Card
518-455-315	1	PARTNER II R3 System Planner
518-455-316	1	PARTNER II R3.1 MLS Series Telephone Quick Reference
518-455-316SP	1	PARTNER II R3.1 MLS Series Telephone Quick Reference (Spanish)
518-455-317	1	PARTNER II R3.1 Programming and Use
518-455-317SP	1	PARTNER II R3.1 Programming and Use (Spanish)
518-455-318	1	PARTNER II R3.1 Installation
518-455-319	2	PARTNER II/PLUS R3.1 System Planner
518-455-320	2	PARTNER II R1 12D Overlay
518-455-321	1	PARTNER II R1 34D Overlay
518-455-325	1	PARTNER II R4.0 Installation (8-94)
518-455-326	1	PARTNER II R4.0 Programming and Use (8-94)
518-455-327	1	PARTNER II R4.0 Quick Reference for Use with MLS-Series Telephones (8-94)
518-455-328	1	PARTNER II R4.0 System Planner
518-455-330	1	PARTNER II Centrex R1.0 — Parts, Tools, Test Equipment
518-455-351SP	1	PARTNER II Programming Quice Reference (Spanish)
518-455-710	1	Partner Plus Attendant Installation and User
✇518-455-910	1	Partner Customer Testimonial Video

518-5 2A, 2B Key Telephone Systems

518-500-020IS	1	Merlin 1030/70 Installation Guide (9-84)
518-510-100	1	Identification
518-510-200	1	Installation and Maintenance
518-510-400	1	Connections

518-6 MERLIN®

518-600-000IS	5	MERLIN 206/410 — Installation Guide
Addendum	1	
518-600-004	1	MERLIN Plus — R1: Installation Guide
518-600-005	1	MERLIN II — R1: Installation Guide
518-600-006	1	MERLIN II — R1: Installation Manual
518-600-008	1	MERLIN Plus — R2: Installation Manual
518-600-009	1	MERLIN II — FM2: Installation and Administration Guide
518-600-010IS	3	MERLIN 820 — Installation Guide
518-600-011IS	1	MERLIN 820 — Service and Maintenance Manual
518-600-012IS	1	MERLIN 206/410/820 — Service and Maintenance Manual

Number	Issue	Subject
518-600-016	1	MERLIN II — FM3, Installation, Administration, and Maintenance Guide
518-600-017	1	MERLIN II ATTENDANT — Installation, Administration, and Maintenance Guide
518-600-021IS	1	MERLIN Models 1030/3070 — Service and Maintenance Manual
518-600-025IS	1	MERLIN Models 1030/3070 Feature Module 3 — Supplement to Installation Guide
518-600-031	1	MERLIN UPAM-K Installation Manual
518-600-038	2	MERLIN II, Release 3 — Data Communications Guide
518-600-039	2	MERLIN II, Feature Module 2 — Data Communications Guide
518-600-040	1	MERLIN II R1 — Data Communications Guide
518-600-041	1	MERLIN Plus Attendant User Guide
518-600-042	1	MERLIN Plus Attendant Installers Guide
518-600-101SP	1	PARTNER Customization Chart (Spanish)
518-600-106SP	1	PARTNER Programming Reference (Spanish)
518-600-107SP	1	PARTNER Programming Kit Release 2 (Spanish)
518-600-108SP	1	PARTNER Specification TBL (Spanish)
518-600-110	1	Order Form GBS118 FM
■ 518-600-130	7/91	Roadrunner Source Book for MERLIN 206/410/820 NOTE: This book is included in 501-501-000 Document Set
■ 518-600-131	7/91	Roadrunner Source Book for MERLIN 1003/3070 NOTE: This book is included in 501-501-000 Document Set
■ 518-600-132	7/91	Roadrunner Source Book for MERLIN Plus/3070 NOTE: This book is included in 501-501-000 Document Set
518-600-133	11/91	Roadrunner Source Book for MERLIN II NOTE: This book is included in 501-501-000 Document Set
518-600-140	1	MERLIN II INNMANAGER*(Rg — Guest Relations System

Number	Issue	Subject
518-601 Merlin® Plus		
518-601-100	1	AT&T Merlin® Identifier Installation and Administration
518-601-101	1	AT&T Merlin Identifier User — Quick Reference Card
518-7 Switching System No. 400		
518-710-100	5	Identification
518-710-200	5	Installation
518-710-400	5	J53035A, Lists 1 and 2 Cabinet Assemblies — Method of Connecting
518-710-401	3	Method of Connecting — J53035A, Lists 3, 4, 8, and 9 Cabinet Assemblies
518-710-402	3	J53035A, Lists 10 and 11 Cabinet Assemblies — Method of Connecting
518-710-500	1	Alarm Circuit — Operation Tests
518-710-501	1	Key Telephone Line and Add-On Circuit — Operation Tests
518-710-502	1	Line, Link, and Marker Circuits — Operation Tests
518-710-503	1	Junctor Circuits — Operation Tests
518-710-504	1	Dial Pulse Register Circuits — Operation Tests
518-710-505	1	Busy-Tone Trunk — Operation Tests
518-710-506	1	Call Progress Indicator Set — Operating Methods
518-710-507	1	Touch-Tone Calling — Operation Tests
518-8 Special Communications Systems		
518-810 Paging Systems		
■ 518-810-130	7/91	Roadrunner Source Book for Page Pac/3070 NOTE: This book is included in 501-501-000 Document Set

Division 529

Station Apparatus and Equipment Intended Solely for Specially-Engineered Lines — Not for General Telephone Use

529-0 Index

529-1 Telephone Set Components, Adjuncts, and Subscriber Sets

529-3 Business Sets

529-2 Telephone Sets

529-4 Consoles

	Number	Issue	Subject
529-0 Index			
	529-000-000	44	Numerical Index — Division 529 — Station Apparatus and Equipment — Intended Solely for Specially-Engineered Lines — Not for General Telephone Use
529-1 Telephone Set Components, Adjuncts, and Subscriber Sets			
❶	529-100-110	3	Handsets — G10-Type
❶	529-110-106	1	Subscriber Sets — 696A — Identification
❶	529-110-107	1	Subscriber Sets — 697A — Identification
❶	529-110-406	1	Subscriber Sets — 696A — Connections
❶	529-110-407	1	Subscriber Sets — 697A — Connections
❶	529-111-101	1	Ringer — R1A — Identification, Installation, Connections, and Maintenance
❶	529-111-102	1	D-18014 Kit of Parts
❶	529-120-106	3	Station Dials — 66 and 67 Types — Identification, Installation, Connections, and Maintenance
❶	529-120-112	1	Station Dial — 1008B-Type — Identification and Connections
❶	529-120-116	1	Station Dials — 1066-Type — Identification, Installation, and Connections
❶	529-122-101	3	Switch 270-Type — Identification, Installation, Connections, and Maintenance
❶	529-130-100	1	KS-20161 and KS-20162 — Identification, Installation, Connections, and Maintenance
❶	529-140-100	1	KS-22811L1 Voice Communication Module — Identification, Installation, Connections, Operation, and Maintenance
529-2 Telephone Sets			
❶	529-202-102	1	222A — Identification, Installation, and Maintenance
❶	529-202-402	1	222A — Connections
❶	529-205-100	2	500AB and 500ABM — Identification, Installation, and Maintenance
❶	529-205-110	1	597AR — Identification and Connections
❶	529-205-134	2	568HN, 568HS, and 568HSM
❶	529-205-148	1	596E — Identification, Installation, Connections, and Maintenance
❶	529-205-400	2	500AB and 500ABM — Connections
❶	529-205-468	4	568HN, 568HS, and 568HSM — Connections
❶	529-206-122	2	643A3 — Identification, Installation, and Maintenance
❶	529-206-140	3	680- and 681-Type — Identification, Installation, Connections, and Maintenance
❶	529-206-443	1	643A3 — Connections
❶	529-225-102	4	2504B and 2504BM — Identification, Installation, Connections, and Maintenance
❶	529-225-125	2	2550 and 2551 Types — Identification, Installation, Connections, and Maintenance
❶	529-225-130	1	2554BF — Identification, Installation, Connections, and Maintenance
❶	529-225-134	4	2568-Type Telephone Sets
❶	529-226-113	1	2626A1 — Identification, Installation, Operation, Connections, and Maintenance
❶	529-226-142	2	2684- and 2685-Type

	Number	Issue	Subject
●	529-227-107	1	2714A — Identification, Installation, and Maintenance
●	529-227-414	1	2714A — Connections
●	529-235-102	2	3504B/C — Identification, Installation, Connections, and Maintenance
●	529-235-134	5	3568-Type Telephone Sets
●	529-236-120	6	3640- and 3641-Types Telephone Set — Identification, Installation, Connections, and Maintenance
	Addendum	1	
●	529-236-133	2	3666A1-Type — Identification, Installation, Operation, Connections, and Maintenance

529-3 Business Sets

529-301 Analog Business Sets

■	529-301-100	1	Talking Page Book — Analog

529-302 Digital Business Sets

■	529-302-100	1	Talking Page Book — Digital

529-4 Consoles

●	529-401-105	1	Selector Consoles — 5A1 — Identification
●	529-401-405	1	Selector Console — 5A1 — Connections

Division 530

Consumer Products

530-0 Index, Common Documents

530-1 Telephones

-151 Video Telephones

Number	Issue	Subject
530-0 Index, Common Documents		
530-000-000	2	Numerical Index — Division 530 — Consumer Products
530-1 Telephones		
530-151 Video Telephones		
530-151-002	1	Introducing the AT&T 2500 Videophone (Brochure)
530-151-003	1	Videophone 2500 Fact Sheet

Division 533

Large Business Systems (Private Branch Exchanges) — Customer Premises Systems and Customer Services Provided by *ESS*™ Switches

533-0 Index, Common Documents
- -099 Customer Information Releases (CIRs)

533-1 Attendant Services

533-2 ACD Services
- -200 Phase 1 ACD-ESS™ Customer Premises Equipment — 60A CPS, 90A CPS, and 90B CPS
- -205 60B Customer Premises System — Phase 2 ACD-ESS
- -210 AEMIS (ACD-ESS Management Information System) — Phase 2
- -211 ACD-ESS 12A CIS (Customer Information System) — Phase 2

533-3 Hotel/Motel Services

533-4 ERS (Emergency Reporting Services)
- -400 E911 System Answering Point
- -401 E9-1-1 CALL-STALKER® Service
- -402 5ESS® E 9-1-1 Service
- -409 Customized Public Safety Systems

533-5 Network Control Services
- -500 CNCCS (Customer Network Control Center System)
- -501 SDN (Software Defined Network)

533-6 Applications Processor Services
- -600/605 Advanced Communications Package
- -615 BCP (Basic Communication Package)
- -620 Application Processor Translators
- -622 CDRP (Call Detail Recording Platform)

533-7 ISDN (Intergrated Systems Digital Network)
- 533-700 ISDN — Applications
- 533-705 ISDN — 5ESS Interface

533-9 Miscellaneous Services

Number	Issue	Subject
533-0 Index, Common Documents		
533-000-000	63	Numerical Index — Division 533 — Customer Premises Systems and Customer Services Provided by ESS™ Switches (5-95)
533-000-001	19	Interdivisional Alphanumeric Index — ESS-Provided Services
533-099 Customer Information Releases (CIRs)		
533-099-002TD	1	Simplex Voiceband Digital Interface Specification, Switching Systems
533-099-003NP	1	3A Simplified Message Service Interface Translator Available for 5ESS® Switch, Switching Systems
533-099-004NP	1	Advance Communications Package (ACP) New Feature
533-099-005NP	1	AT&T's Basic Communications Package (BCP) Connects to Northern Telecom's DMS* 100 Switch, Switching Systems
533-099-006 NP	1	Advanced Communications Package Central Office-Based Capability (CO-ACP), Switching Systems
533-099-007 MG	1	Spaces Exchange Service for Translator Equipment (SES-AP), Switching Systems
533-099-008 MR	1	3A Simplified Service Interface (SMSI) Class "A" Change Notice (CN) for Inter Switch Voice Messaging (ISVM), Switching Systems
533-099-009IR	1	Local Area Signaling Services (LASS) Protocol for Analog Calling Name Delivery (ACND), Switching Systems
533-099-010NP	1	AT&T Basic Communications Package (BCP)-Version 4 Introduces the Interface to AT&T PBX Switches and the Common Record Format, Switching Systems

* DMS is a registered trademark of Northern Telecom, Inc.

Number	Issue	Subject
533-1 Attendant Services		
533-100-101	1	50A — Attendant and Station Equipment — Method of Operation
❶ 533-100-601	1	50A — Business Services — Traffic Engineering
▲533-101-000	2	50B — Installation, Test, and Maintenance
533-101-100	3	50B — Theory of Operation and Descriptive Information
533-101-200	2	50B — Identification
533-101-300	2	50B — Preinstallation
533-110-100	1	51A — Installation and Connections for Centrex CO Service — 1 and 1A ESS Switches
533-110-101	1	51A — Attendant and Station Equipment — Method of Operation — 1 and 1A ESS Switches
533-110-102	1	51A — Attendant and Station Equipment — Method of Operations — 2 ESS Switch
533-110-105	1	51A — Centrex Data Link and Console Demand Exercise — Fault Location Procedures — 2 ESS Switch
533-110-106	1	51A — Centralized Attendant System — Method of Operation — 1 and 1A ESS Switches
533-110-107	1	51A — Centrex Data Link and Console Demand Exercise — Fault Location Procedures — 1 and 1A ESS Switches
533-110-108	1	51A — Console Control Cabinet — Trouble Locating Procedure — 1 and 2 ESS Switches
❶ 533-110-601	1	51A — Business Services — Traffic Engineering
533-2 ACD Services		
533-200 Phase 1 ACD-ESS Customer Premises Equipment — 60A CPS, 90A CPS, and 90B CPS		
533-200-100	1	Descriptive and Theory of Operation
533-200-200	1	Identification
533-200-300	1	Preinstallation
533-200-601	1	Traffic Engineering
533-205 60B Customer Premises System — Phase 2 ACD- ESS		
▲533-205-000	4	Installation, Test, and Maintenance
533-205-100	2	Theory of Operation and Descriptive
533-205-200	3	Identification
533-205-300	3	Preinstallation
533-205-600	1	Traffic Measurements
❶ 533-205-601	1	Traffic Engineering
533-210 AEMIS (ACD-ESS Management Information System) — Phase 2		
▲533-210-000	3	Installation, Test, and Maintenance
533-210-100	3	Descriptive
533-210-200	3	Identification
533-210-300	3	Preinstallation
533-210-601	2	Traffic Engineering
533-211 ACD-ESS 12A CIS (Customer Information System) — Phase 2		
533-211-100	2	Descriptive
533-211-200	2	Identification
533-211-300	2	Preinstallation
533-211-600	1	Traffic Engineering
533-3 Hotel/Motel Services		
533-300-100	1	90A — For ESS™ Message Register Service — Operation and Descriptive
533-300-200	1	90A — For ESS Message Register Service — Identification and Preinstallation
▲533-305-000	1	90B Customer Premises System
▲533-310-000	1	90A — For Use With ACD Functional Group Administration
533-4 ERS (Emergency Reporting Services)		
533-400 E911 System Answering Point		
▲533-400-001	1	Installation Test Maintenance
533-400-101	2	System Description

Number	Issue	Subject
533-400-301	2	Preinstallation and Planning

533-401 E9-1-1 CALL-STALKER® Service

Number	Issue	Subject
533-401-010	7	E9-1-1 Automatic Location Identification (ALI) Database Management System (DMS) Planning Guide
533-401-015	9	E9-1-1 Automatic Location Identification (ALI) Database Management System (DMS) Administrator's Manual
533-401-020	1	E911 Marketing Folder WIth 4 Fact Sheets
533-401-021	1	ALIVE (Fact Sheet)
533-401-022	1	ALI/DMS (Fact Sheet)
533-401-023	1	Intelligent PSAP (Fact Sheet)
533-401-026	1	CALL-STALKER Mini EPIC
533-401-301	7	E9-1-1 Automatic Location Identification (ALI) Database Management System (DMS) Operations Manual
533-401-303	2	CALL-STALKER E9-1-1 Telecommunicator's Guide
533-401-307	9	E9-1-1 Automatic Location Identification (ALI) Database Management System (DMS) User's Manual
533-401-310	1	CALL-STALKER IMRS User Guide
533-401-312	2	CALL-STALKER PC ALI/DBMS User's Guide
533-401-313	1	CALL-STALKER ISDN PSAP System Installation Guide
533-401-314	3.1	CALL-STALKER Intelligent PSAP Display (IPD) Installation and Maintenance Guide
533-401-315	3.1	CALL-STALKER E9-1-1 Intelligent PSAP Display (IPD) User's Guide
533-401-316	1	CALL-STALKER ISDN PSAP Operation and Administration Guide
533-401-317	1.2	CALL-STALKER 9-1-1 Fault Tolerant Automatic Location Identification (FT/ALI) System with Distribution Devices
533-401-318	1	CallStalker 9-1-1 Fault Tolorant/Automatic Location Identification (FT/ALI) System Operation, Administration and Maintenance Guide
533-401-319	1	CallStalker 9-1-1 Fault Tolorant/Automatic Location Identification (FT/ALI) System User's Guide
533-401-331	1.1	CALL-STALKER 9-1-1 Fault Resistant Database Management System (FR/DBMS) — Clerical Reference Manual
533-401-335	1	CALL-STALKER 9-1-1 Fault Resistant Database Management System (FR/DMS) — ARCS Feature Package Administrator Guide
533-401-350	1	ISDN Total Digital PSAP User's Guide (3-95)
533-401-351	1	ISDN Total Digital PSAP Installation Guide (3-95)
533-401-501	3	CALL-STALKER System Installation Manual
533-401-503	3.2	CALL-STALKER E9-1-1 System Enhanced PSAP Integrated Controller (EPIC) 1A2/Inband Service Manual Large and Mini EPIC

533-402 5ESS E 9-1-1 Service

Number	Issue	Subject
533-402-120	1	5ESS Switch Enhanced 911:Network Architecture, Service Considerations, and Transitioning Guide (10-92)
533-402-201	1	Enhanced 9-1-1 Service Adjunct (ESA) Operations and Maintenance Guide Release 2
Addendum	1.1	
533-402-202	1	Enhanced 9-1-1 Service Adjunct (ESA) Input Command and Output Message Reference Manual Release 2
533-402-203	2	Enhanced 9-1-1 Service Adjunct (ESA) Site Preparation Guide Release 2
Addendum	1.1	
533-402-204	1	Enhanced 9-1-1 Service Adjunct (ESA) Error Message Reference Manual Release 2

533-409 Customized Public Safety Systems

Number	Issue	Subject
■ 533-409-100	1	Public Safety Systems — Chicago O'Hare Communications Center — Interface Control Document

Number	Issue	Subject
533-5 Network Control Services		
533-500 CNCCS (Customer Network Control Center System)		
533-500-100	3	21A Customer Information System (CIS) — Descriptive
533-500-101	2	21B Customer Information System (CIS) — Descriptive
533-500-200	3	21A Customer Information System (CIS) — Identification
533-500-201	2	21B Customer Information System (CIS) — Identification
533-500-300	3	Preinstallation
533-500-301	2	21B Customer Information System (CIS) — Preinstallation
533-501 SDN (Software Defined Network)		
533-501-010	1	SDN Express Connect — Sales Kit
Addendum	1	
533-501-011	1	SDN Network Management — Sales Kit
533-501-012	1	SDN Office On the Move — Sales Kit
533-501-013	1	SDN Access — Sales Kit
533-501-014	1	SDN Billing — Sales Kit
533-501-015	1	SDN Security — Sales Kit
533-501-016	1	SDDN l9em Sales Kit
533-501-017	1	SDN International — Sales Kits
Addendum	5/93	
533-501-018	1	SDN Service and Support Sales Kit
533-501-019	1	Introduction to Your New SDN Bill
Addendum	1	
■✪533-501-020	2	Touring SDN Network Management (3 1/2" Diskette)
533-501-025	12/93	SDN The Best in Business Outbounding Networking Services
533-501-026	12/93	Small or Large Sales Kit
■ 533-501-027	3.0	AT&T SDN Customer Direct/NAS User's Guide Release 3.0
■ 533-501-028	1994	AT&T SDN Billing Edge Desktop Analysis Software for Windows Package NOTE: Includes CD-ROM, 533-501-029, and Quick Start Guide
■ 533-501-029	1	AT&T SDN Billing Edge Desktop Analysis Software Report Reference Manual (5-94)
■ 533-501-030	1	SRS Software Documentation Guide (5-94)
■ 533-501-031	1	SRS Documentation Only (5-94)
533-501-032	1	AT&T SDN Billing Edge for Windows On-Line Help Manual (5-94)
■ 533-501-033	6/94	SDN Intrastate/Intralatta Sales Kit
■ 533-501-035	1	AT&T SDN OneNet Billing Reference Manual
■ 533-501-036	9/94	AT&T SDN OneNet Billing Call Detail Tape Guide (Outbound - SDN)
■ 533-501-037	1	AT&T SDN OneNet Call Detail Tape Documentation (Inbound - 800) (8-94)
■ 533-501-038	3/95	AT&T SDN OneNet Invoice Tape Documentation (3-95)
■ Addendum	1	
■ 533-501-039	1	AT&T SDN Billing Edge Report Reference Manual for OneNet (8-94)
533-501-040	9/94	AT&T SDN OneNet Billing Edge Desktop Analysis Software for Windows Online Help Guide
533-501-042	1	SDN OneNet Call Tape Matrix (5-95)
Addendum	2	
■ 533-501-100	11	SDN Service — Management Systems — User's Guide
■▲Addendum	1	
533-501-105	2.2	ACCUMASTER® Services Workstation SDN — Information/Management User Guide
■▲Addendum	1	
❶ 533-501-110	4.2	SDN Customer Traffic Data Report
533-501-113	1	SDN Installation Updates — Administrator's Reference Guide
533-501-120	4.3	SDN Direct Access Trunk Test System — User Guide
■ 533-501-130	1	SDN Authorization CD Management System User Guide
Addendum	3	
■ 533-501-131	2.1	ACCUMASTER Service Workstation

	Number	Issue	Subject
■	Addendum	1	
■	533-501-132	2.2	SDN Planning and Configuration
■	533-501-140	2	SDN Information and Management System Training Program
	533-501-145	1	SDN Informatin and Management System — Customer Access Guide
	533-501-150	2.1	SDN Network Remote Access Monitoring System
■	Addendum	1/95	
	533-501-160	9	SDN Customer Network Administration Reports — Users Guide
	533-501-163	1	SDN User's Application Guide
	533-501-164	6/94	AT&T SDN Billing Call Detail Magnetic Tape Guide Documentation
■	Addendum	1/95	
■	533-501-165	9	SDN Customer Network Administration Reports (CNAR) System — AT&T User's Guide
	533-501-166	3/95	AT&T SDN Invoice Magnetic Tape Guide Documentation
	533-501-168	1	SDN OneNet Call Tape Matrix (5-95)
	533-501-171	6/93	SDN NRA Plus Order Forms Used With Methods and Procedures
	533-501-201	2	ATT VTNS (Virtual Telecommunications Network Service) Getting Started Package
	533-501-203	1	Dialing Instructions for Calling Card Services
■	Addendum	1	
	533-501-210	3	ACCUMASTER Services Workstation
	533-501-211	3	SDN Network Manager Rel. 3.0 Installation Guide
	533-501-220	5/95	AT&T VTNS Billing Reference Manual
	533-501-221	5/95	AT&T VTNS Billing Edge Desktop Analysis Software for Windows VTNS Software Package
	533-501-222	5/95	AT&T VTNS Billing Edge Desktop Analysis Software for Windows VTNS Report Reference Guide
	533-501-223	5/95	AT&T VTNS Billing Edge Desktop Analysis Software for Windows VTNS On-line Help Guide
	533-501-224	5/95	AT&T VTNS Invoice Tape Documentation
	533-501-225	5/95	AT&T VTNS Call Detail Tape Documentation (SDN)
	533-501-226	5/95	AT&T VTNS Call Detail Tape Documentation (800)

533-6 Applications Processor Services

533-600/605 Advanced Communications Packages

❶	533-600-120	2	Administration Manual
	533-600-505	1	Customer Message Center System — User Guide
	533-600-515	1	Customer Station Rearrangements — User Guide
❶	533-600-535	1	Facilities Management System User Guide
❶	533-600-565	1	Electronic Directory Service — User Guide
❶	533-603-001	1	System Administration
❶	533-603-002	1	Business Customer Administration
❶	533-603-003	1	Advanced Station Message Detail Reporting — User Guide
❶	533-603-007	1	Facilities Management System — User Guide
❶	533-603-008	1	Traffic Data System — User Guide
❶	533-603-009	1	Automatic Circuit Assurance — User Guide
	533-603-010	1	Directory Data Base Administration
	533-604-002	2	Business Customer Administration
	533-604-003	2	Advanced Station Message Detail Reporting — User Guide
	533-604-007	1	Facilities Management System — User Guide
	533-604-009	1	Automatic Circuit Assurance — User Guide
	533-604-011	2	Documentation Guide
	533-604-100	2	ACPInformation Guide
	533-604-130	2	ACP Quick Reference Guide
	533-605-130	2	ACP Quick Reference Guide
	533-605-201	1	A Guide to INGRES
	533-605-202	1	INGRES/FORMS: Visual-Forms-Editor (VIFRED) — User's Guide

Number	Issue	Subject
533-605-203	1	INGRES/FORMS: Report-By-Forms — User Guide
533-605-206	2	3A SMSI Translator — User Guide
533-605-301	1	System Administration
533-605-304	1	Customer Message Service System — User Guide
533-605-307	1	ACP Facilities Management System — User Guide V5
533-605-308	1	Traffic Data System — User Guide
533-605-311	1	Documentation Guide
533-605-314	1	Centralized Message Detail Recording — User Guide
533-605-315	1	User Application Interface — User Guide
ACP Version 6		
533-605-402	1	Advanced Communications Package Business Customer Administration
533-605-404	1	Customer Message Service System
533-605-405	1	Electronic Directory Service
533-605-406	1	Advanced Communications Package Error Reference Manual
533-605-407	1	Facilities Management System
533-605-408	1	ACP Traffic Data System User Guide
533-605-411	1	ACP Documentation Guide
533-605-412	2	ACP Program Operations, Recovery & Maintenance Guide V6
533-605-413	1	Advanced Communications Package Telecommunications Resource Management Package User Guide
533-605-414	1	Centralized Message Detail Record
533-605-420	1	Traffic Engineering Data (TED) Automatic Circuit Assurance (ACA)
533-605-450	1	Advanced Communications Package (ACP) System Description and Product Specification Version 6
533-605-451	1	Advanced Communications Package (ACP) System Product Specification

Number	Issue	Subject
ACP Version 7		
Addendum	1	
533-605-501	1	Advanced Communications Package Administration (9-92)
533-605-502	1	Advanced Communications Package Business Customer Administration
533-605-503	1	Advanced Station Message Detail Reporting
Addendum	1	
533-605-504	1	ACP Customer Message Service System (9-92)
Addendum	1	
533-605-505	1	Electronic Directory Service (9-92)
533-605-506	1	Advanced Communications Package Error Reference Manual
533-605-507	1	Facilities Management System
533-605-510	1	Directory Database Administration
Addendum	1	
533-605-512	1	Operations, Recovery & Maintenance (12-92)
Addendum	1	
533-605-514	1	ACP Customer Message Detail Recording (9-92)
533-605-516	1	Advanced Station Message Detail Reporting Central Office Application
Addendum	1	
533-605-517	1	Electronic Directory Service Central Office Application (9-92)
533-605-518	1	Business Customer Administration Central Office Application
533-605-519	1	Directory Database Administration Central Office Application
533-605-520	1	Traffic Engineering Data (TED) Automatic Circuit Assurance (ACA)
533-605-521	1	CMSS Attendant Quick Reference Guide
533-605-522	1	ACP General Section with Binder and Tabs for -502, 503, 504, 505, 507, 510, 514, 516, 517, 518, 519, 520, 521, & 523
533-605-523	1	Directory Database Information

Number	Issue	Subject
Addendum	1	
533-605-525	1	Advanced Communications Package — Telecommunications Resource Management System — User Guide
533-605-526	1	Advanced Communications Package — Telecommunications Resource Management Package — Administrator Guide
533-605-527	1	Advanced Communications Package — Terms Information Guide
533-605-528	1	Advanced Communications Package — Telecommunications Resource Management System Implementation Guide Information Guide
533-605-531	1	Basic Customer Message Service (BCMS)— Quick Reference
533-605-532	1	Electronic Directory Service — Central Office Quick Reference
Addendum	1	
533-605-550	1	Advanced Communications Package System Description (9-92)
Addendum	1	
533-605-551	1	Advanced Communications Package— Product Specification (9-92)

533-610 ACP Versions 5 and 6 — Central Office Application

533-610-402	1	Business Customer Administration Central Office Application
533-610-403	1	Advanced Station Message Detail Reporting Central Office Application
533-610-405	1	Electronic Directory Service Central Office Application
533-610-410	1	Directory Database Administration Central Office Application

533-615 BCP (Basic Communications Package)

BCP Version 1

533-615-001	1	Administration and Maintenance Guide
533-615-004	1	Site Preparation Guide
■ 533-615-005	1	Installation Guide
533-615-006	1	Dial-Up Traffic Data — User's Guide
533-615-010	1	Documentation Guide

BCP Version 2

533-615-101	1	Administration and Maintenance Guide
533-615-102	2	Information Guide
533-615-105	1	Installation Guide
533-615-106	1	Dial-in User's Guide
533-615-109	1	System Description and Product Specification
533-615-110	1	Documentation Guide
533-615-201	1	Administration and Maintenance Guide
533-615-203	1	Output Specification
533-615-209	1	System Description and Product Specification
533-615-250	1	BCP Applications Processor Interface Translator
533-615-300	1	BCP Operations Manual
533-615-301	1	BCP Administrator's Guide
533-615-303	1	BCP Output Specification
533-615-304	1	BCP Site Preparation Guide
533-615-305	1	BCP Installer's Guide
533-615-306	1	BCP Dial-In User's Guide
533-615-309	1	BCP Product Specification
533-615-310	1	BCP Documentation Guide
533-615-311	1	BCP System Description
533-615-312	1	BCP Hardware Configuration
533-615-313	1	BCP Traffic Surveillance User's Guide
533-615-320	5/91	BCP Operators Manual (Binder Only)
533-615-400	1	BCP Binder and Text includes: -401, 403, 404, 405, 406, 409, 410, 411, 412, 413, 420
533-615-401	1	BCP Administrator Guide
533-615-403	1	BCP Output Specification
533-615-404	1	BCP Site Preparation Guide
533-615-405	1	BCP Installers Guide
533-615-406	1	BCP Dial-N Users Guide
533-615-409	1	BCP Product Specification
533-615-410	1	BCP Documentation Guide
533-615-411	1	BCP System Description
533-615-412	1	BCP Hardware Configuration Guide

Number	Issue	Subject
533-615-413	1	BCP Traffic Surveillance User's Guide
533-615-420	1	BCP Operators Manual (Binder Only)

533-620 AP Translators

533-620-110	4	3A Simplified Message Service Interface (SMSI) Translator Universal Design User's Manual (8-92)
533-620-120	2	BCP API Translator Universal Design User's Guide
533-620-130	3	5ESS Switch Message Detail Recording Translator (MDR) Translator Universal Design User's Guide (11/93)
533-620-140	2	Property Management Interface Translator (PMIT) Translator Universal Design User's Manual
533-620-150	1	SCA Translator Universal Design User's Manual
533-620-160	1	Micro Electronic Directory System (MEDS) Translator Universal Design User's Guide
533-620-161	1	Micro Electronic Directory System (MEDS) — Quick Reference Guide"
533-620-165	1	SIMUNET™ Switched DS1 System — Operations Guide (12-92)
533-620-170	2	Translation Language PL1 Processor User's Guide (2-95)
533-620-180	1	Message Detail Recording (MDR) Translator — Models: MDR Plus/MDR JR User's Guide (4-95)
533-620-190	1	Public Safety ALI Translator (PSAT) (3-95)

533-622 CDRP (Call Detail Recording Platform)

533-622-101	1	CDRP Input Commands Guide Note: To order call 614-764-5767
533-622-102	1	CDRP Operations, Administration, and Maintenance Guide Note: To order call 614-764-5767
533-622-103	1	CDRP Output Messages Guide Note: To order call 614-764-5767
533-622-104	1	CDRP Task Oriented Practices Note: To order call 614-764-5767

Number	Issue	Subject

533-7 ISDN (Integrated Systems Digital Network)

533-700 ISDN — Applications

533-700-100	7	Customer Premises Equipment (CPE) Planning Guide (3-94)
533-700-105	6	Custom Integrated Services Digital Network — Services and Capabilities Planning (7-92)
Addendum	2	
533-700-106	2	5ESS Switch National ISDN Services and Capabilities Planning for 5E8 Software (1-93)
533-700-115	3	Custom ISDN Terminal User Guide
533-700-116	1	National Integrated Services Digital Network — Customer Premises Basic Features (11-92)
533-700-120	1	Network Termination Type 1 — NT1-200 Series — User's Manual
533-700-200	4	ISDN Attendant Console — Administration Manual (6-92)
533-700-210	4	Attendant Console — User Operation (6-92)
533-700-300	1	Integrated Services Digital Network — Digital Multi-Button Key Service — Planning 6500 Sets
533-700-310	1	National and Custom ISDN Feature Comparison Guide
533-700-400	2	ISDN Troubleshooting Guide
■✪533-700-500	1	AT&T ISDN Client Software Profile Version 2.0
■✪533-700-501	1	AT&T ISDN Client Software Profile Version 3.0

533-705 ISDN — 5ESS Interface

533-705-101	1	5ESS® Switch MDR Translator
Addendum	2	
533-705-200	2	Integrated Services Digital Network (ISDN) Application Programming Interface — Programmer's Reference Manual (7-92)

Number	Issue	Subject
533-9 Miscellaneous Services		
533-900-100	1	91A — Description, Identification, Preinstallation, Installation, and Maintenance
533-901-100	1	93A Customer Premises System — Description
533-901-200	1	93A Customer Premises System — Identification and Preinstallation

Division 534

Sections Applying to More Than One PBX Series 500, 600, 700, and 800 Series Manual and Dial PBX

534-0 Indexes and Equipment Test List

534-3 Manual and Dial PBX

534-4 Manual PBX Switchboards

534-5 Ancillary Equipment Miscellaneous

534-6 Automatic Number Identification (ANI) Equipment

Number	Issue	Subject
534-0 Indexes and Equipment Test List		
534-000-000	48	Numerical Index — Division 534 — Sections Applying to More Than One PBX Series — 500, 600, 700, and 800 Series — Manual and Dial PBX
534-001-010	4	Business Systems — Analysis and Maintenance Plan (BSAMP)
534-001-011	2	ETL
534-3 Manual and Dial PBX		
534-360 Power Equipment Inspections		
534-360-535	1	Fuses and Fuse Panels — Inspections
534-360-630	1	Power Panels — Tests and Inspections
534-362 Range Charts — PBX Trunk and Station Conductor Loop		
534-362-151	2	Connected to No. 1 Crossbar Central Office Having 1300-Ohm Subscriber Conductor Loop — 400-Ohm Talking Battery Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)
534-362-152	3	Connected to No. 1 Crossbar Central Offices Having 1300-Ohm Subscriber Conductor Loop — 520-Ohm Talking Battery Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)
534-362-153	1	Connected to Panel Central Offices Having 1300-Ohm Subscriber Conductor Loop — 140-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)
534-362-154	1	Connected to Panel Central Offices Having 785-Ohm Subscriber Conductor Loop — 50-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 24.5V (Floating)
534-362-155	1	Connected to Panel Central Offices Having 635-Ohm Subscriber Conductor Loop — 50-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 21V (Floating)
534-362-156	2	Connected to No. 5 Crossbar Central Offices Having 1360-Ohm Subscriber Conductor Loop — 400-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)
534-362-157	2	Connected to No. 5 Crossbar Central Offices Having 1430-Ohm Subscriber Conductor Loop — 400-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) Office Voltage of 48V (Floating)

Number	Issue	Subject
534-362-158	2	Connected to Step-by-Step Line Finder Central Offices Having 885-Ohm Subscriber Conductor Loop — 400-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88 VAC Component) — Office Voltage of 48V (Floating)
534-362-159	2	Connected to Step-By-Step Line Finder Central Offices Having 1300-Ohm Subscriber Conductor Loop — 400-Ohm Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)
534-362-160	2	Connected to No. 1 ESS™ Central Offices Having 1360-Ohm Subscriber Conductor Loop — 388- to 461-OHM Talking Battery-Feed Circuit — AC-DC or Superimposed Ringing (84-88V AC Component) — Office Voltage of 48V (Floating)

534-364 Tie Trunks

Number	Issue	Subject
534-364-100	2	HJ12 Repeater SD-1E501-01 — Description and Tests — For Use With Electronic Tie Trunk (ETT) SD-1E500-01 and SD-1E500-02
534-364-180	3	HJ12 Repeater (SD-1E501-01) — Method for Generating Prescription Settings for Equalization and Gain When Used With Another HJ12 Repeater or Metallic Facility Terminal Repeater — Nonloaded and Loaded Cable Facilities
534-364-181	2	HJ12 Repeater (SD-1E501-01) Method for Generating Prescription Settings for Equalization and Gain When Used With V4 Repeater or Other Cable Terminating Equipment Which Uses V4 Equalization Techniques for Nonloaded Cable Facility
534-364-210	3	J58824CF (SD-65718-02) — Identification and General Installation Procedures — PBX Systems
534-364-211	2	Tie Trunk J58824BC and J58824BY (SD- 65718-01) — Identification and General Installation Procedures — PBX Systems
534-364-212	1	J59204 Electronic Tie Trunk (ETT) SD-1E500-01, SD-1E500-02 — Identification, Installation, and Connections — PBX Systems
534-364-300	1	J59204 Electronic Tie Trunk (SD-1E500-01 and SD-1E500-02) Trouble-Locating Procedures and Diagnostic Tests — PBX Systems
534-364-501	1	Tie Trunk Circuits SD-65718-01, SD-65718-02, and SD-66799-01 — Pulsing Tests and Requirements Using Pulse Repeating Test Set SD-31667-01 (J34720A) and Pulsing Test Set SD-31481-01 (J34717A) — SXS and Crossbar-Type PBX
534-364-502	1	Tie Trunk Circuits SD-65718-01, SD-65718-02, and SD-66799-01 — Pulsing Tests and Requirements — Using 2B-1 Signaling Test Set SD-56134-02 (J64730B and Associated Pulse Repeating Adapter SD-56134-02 (J64730D) — Step-by-Step and Crossbar-Type PBX

534-366 Touch-Tone Calling Equipment

Number	Issue	Subject
534-366-210	2	Local Touch-Tone Conversion Equipment J58847N-1 — Identification, Installation, and Connections — Manual and Crossbar Type PBX's
534-366-211	2	Centralized Touch-Tone Conversion Equipment J99322 — Identification, Installation, and Connections — PBX Systems
534-366-212	1	Link Access Touch-Tone Calling Using Link Circuit (SD-5E071-01) With Manual, 756A, 757A, 770A, 800A, 801A and 812A PBXs — Identification, Installation, Connections and Operation Tests

Number	Issue	Subject
534-366-501	2	Local Touch-Tone Calling Equipment — Operation Tests — Using Solid State Converter and Receiver Test Set Circuit SD-66890-01 (J58847M) — Manual, Crossbar, and Electronic PBX Systems
534-366-502	2	Centralized Touch-Tone Calling Converter Equipment — Operation Tests — Using Solid State Converter and Receiver Test Set Circuit SD-66890-01 (J58847M) — PBX Systems

534-367 Environmental Systems

Addendum	1	
534-367-201	2	ED-1E267 — PBX Filter-Ventilator System — Identification, Installation, and Maintenance

534-4 Manual PBX Switchboards

534-400 General

534-400-110	1	Fundamental Circuit and Operating Features — Common Manual PBX Switchboards
534-400-565	3	General Inspection

534-405 Attendant Circuits

534-405-665	1	Attendant Telephone and Dialing Circuit — Tests and Inspections — 550B, 550C, 550SC, 551A, 551B, 551D, — 552A, 552B, 552D, 552E, 600C, 605A, and 700C PBX

534-413 Blind Attendant or Visually Impaired Equipment

534-413-210	2	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment — Identification and Installation Nonmultiple PBX Switchboards
534-413-211	1	Visually Impaired Attendant Service — 990A Light Sensor and 87A Control Unit Used With PBX Consoles — Description, Installation, and Method of Operation
534-413-501	1	Blind Attendant Equipment Using Lamp Signal Detector Circuit SD-65930-01 — Operation Test Nonmultiple PBX Switchboards
534-413-502	1	Visually Impaired Attendant Service — 990A Light Sensor and 87A Control Unit Used With PBX Consoles — Maintenance and Trouble Locating Procedures

534-420 Manual Conference Circuits

534-420-210	5	With Voice Repeater SD-65719-01 — Installation — 550B, 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, 552E, 555, 556A, 605A, 606B, 607A, 607B, 608A, and 608D PBX
534-420-220	2	With Voice Amplifier SD-65738-01 — Installation — 552A, 552B, 552D, 552E, 556A, 605A, 606B, 607A, 607B, 608A, 608B, and 608D PBX Switchboards
534-420-510	5	Without Voice Repeater or With Voice Repeater SD-65719-01 — Operation Tests — 550, 551, 552, 555, 556A, 557A, 600, 605, 607, 608A, and 608D PBX Switchboards
534-420-511	3	With Voice Repeater SD-65719-01 — Overall Transmission Tests — 550, 551, 552, 555, 556A, 557A, 600, 605, 606, 607, and 608A PBXs
534-420-520	2	With Voice Amplifier SD-65738-01 — Transmission and Operation Tests — 552A, 552B, 552D, 552E, 556A, 605A, 606B, 607A, 607B, 608A, and 608D PBX Switchboards

534-430 Cord Circuits

534-430-520	4	Manual Tests — 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, 552E, 600C, 605A, and 700C PBX
534-430-525	3	Operation Tests — Using PBX Cord Circuit Test Set J54703A — 550C, 550SC, 551A, 551B, 551D, 552A, 552B, 552D, 552E, 600C, 604C, 605A, and 700C PBX

Number	Issue	Subject
534-5 Ancillary Equipment Miscellaneous		
534-500 Miscellaneous		
534-500-201	2	Plastic Bulletin Holders — Installation — 550, 551, 552, 555, 556, 600, 605, and 606 PBX
534-500-207	4	9A Handset Hangers — Identification and Installation — Nonmultiple PBX Switchboards
534-500-214	1	Plugshelf Facing Caps — Installation — 551, 552, 605, and 607 PBX
534-555 Station Line Circuit (Extension Lines)		
534-555-530	2	Dial Extension Lines — Jack Circuit Tests — 552A, 552D, and 605A PBX
534-555-600	3	Manual Extension Lines — Relay, Jack, and Lamp Circuit Tests — 552A, 552D, and 605A PBX
534-565 Trunks		
534-565-100	3	Loudspeaker Paging Trunk SD-66883-01 — Identification, Installation, and Connections — 608-, 701-, 711-, and 740- Type PBX
Addendum	1	
534-565-200	1	Remote Access Unit — SD-1E502-01 — Description, Installation, and Maintenance Information
534-565-500	3	Attendant Trunks — Jack, Lamp, and Register Circuit Tests — 552A, 552D, 605A, 607A, and 607B PBX
534-565-505	4	Attendant Central Office Trunks — Operation Tests — 552A, 552D, and 605A PBX
534-565-512	1	Manual PBX Access Line Circuit SD-1E046-01 — In-Service Tests — 551A, 551B, 552A, 552B, 552D, 552E, 555, 556A, 605A, 608A, 608B, and 608D PBX
534-565-565	3	Intercepting Trunks — Jack and Lamp Circuit Tests — 552A, 552D, and 605A PBX
534-565-620	3	Outgoing Tandem Trunks — For Official PBX Service — Operation Tests — 552A, 552B, 552D, 552E, 605A, 606A, 606B, 607A, 607B, 608A, 608D, and 700C PBXs
534-565-665	2	Trunk Circuits — For Use With 508A PBX — Operation Tests — 551A, 551B, 551D, 552A, 552B, 552D, 552E, 556A, or 605A PBX
534-6 Automatic Number Identification (ANI) Equipment		
534-600-301	1	(SD-1E505-01) — Trouble-Locating Information Using Test Set J59204AJ — 770A, 801A, and 812A PBX's
534-600-501	1	(SD-1E505-01) — Verification Procedures and Operation Tests of ANI Alarm and Message Registers — 770A, 801A, and 812A PBX's

Division 536

500 Series PBX

536-0 Indexes, 505-, 506-, and 507-Type PBX, and Equipment Test Lists

536-4 No. 550 Series PBX — Sections Applying To More Than One Type

536-5 No. 550-, 552-, 555-, 556-, 557- AND 558-Type PBX

Number	Issue	Subject
536-0 Indexes, 505-, 506- and 507-Type PBX, and Equipment Test Lists		
536-000-000	27	Numerical Index — Division 536 — 500 Series PBX
536-001-011	2	ETL
536-050 No. 505B, 505C, 506A, and 506B PBX		
536-050-210	2	Installation
536-050-230	1	Tests and Inspections at Time of Installation
536-050-511	2	Circuit Tests
536-050-800	2	Modification for Anti-Sidetone Connections
536-070 No. 507A and 507B PBX		
❶ 536-070-001	1	Business Services Engineering
536-070-210	3	Installation
536-070-230	1	Tests and Inspections at Time of Installation
536-070-511	2	Circuit Tests
536-070-512	1	Manual PBX Access Line Circuit SD-66918-01 — In-Service Tests
No. 508A PBX For Dispatching Service — See Division 473		
No. 520-Type PBX For Emergency Reporting — See Division 473		
536-4 No. 550 Series PBX — Sections Applying To More Than One Type		
536-490-110	1	Signal Cabinet for Touch Operation — General Description — 550- and 551- Type PBX
536-490-200	4	Preparation for Installing — 550B, 550C, 550SC, 551A, 551B, 552B, 555, 556A, 557A, or 557B PBX
536-490-210	4	Installation — 551A, 551B, and 552B PBX
536-490-230	3	Tests and Inspections at Time of Installation — 550- and 551- Type PBX
536-490-507	3	Attendant Telephone and Dial Circuits — Tests and Inspections — 555, 556A, and 557A PBX
536-490-525	3	Cord Circuits — Manual Tests — 555, 556A, and 557A PBX
536-490-600	5	Miscellaneous Circuits — Ringing, Battery, Auxiliary Signal, Grouping, Fuse, and Power Alarms — Tests and Inspections — 550B, 550C, 550SC, 551A, 551B, 551D, 555, 556A, and 557A PBX
536-490-660	3	Extension Lines — Relay, Jack, and Lamp Circuit Tests — 550B, 550C, 550SC, 551A, 551B, 551D, and 555 PBX
536-490-665	5	Central Office Trunks — Operation Tests — 550B, 550C, 550SC, 551A, 551B, 551D, 555, 556A, and 557A PBX
536-490-666	2	Tie Trunk Circuits — Outgoing Manual and Dial Repeating — Incoming Manual or Dial Selected — Operation Tests — 555 and 557A PBX
536-490-667	2	Ringdown and Automatic Tie Trunk Circuits — Operation Tests — 555 and 557A PBX
536-5 No. 550-, 552-, 555-, 556-, 557-, and 558-Type PBX		
536-500 No. 550-Type PBX		
536-500-210	4	Installation — 550B, 550C, and 550SC PBX
536-500-522	1	Cord Circuits — Operation Tests — 550B PBX
536-510 No. 551A PBX		
536-510-400	1	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment Connections — 551A PBX

	Number	Issue	Subject
536-520 No. 552-Type PBX			
●	536-520-001	1	Business Services Engineering — 552A, 552B, 552D, and 552E PBX
	536-520-110	1	General Description — 552B and 552E PBX
	536-520-400	1	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment Connections — 552A, B, D, E PBX
	536-520-600	3	Miscellaneous Circuits — Ringing, Battery, Auxiliary Signal, Night Alarm, and Fuse Alarm — Tests and Inspections — 552A and 552D PBX
536-550 No. 555 PBX			
●	536-550-001	1	Business Services Engineering
	536-550-110	1	General Description
	536-550-210	4	Installation
	536-550-230	2	Tests and Inspections at Time of Installation
	536-550-400	1	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment Connections — 555 PBX
536-551 Specially Modified 555 PBX			
	536-551-210	2	Specially Modified 555 PBX Equipped for Autovon and Radio Circuits — Identification, Installation, Connections, and Tests
	536-551-212	1	Specially Modified 555 PBX (Civil Disturbance Package) Equipped for Autovan and Radio Circuits — Identification, Installation, and Connections
536-559 No. 556A PBX			
●	536-559-001	1	Business Services Engineering
536-560 Modified PBX for Handicapped			
	Addendum	1	
	536-560-210	4	Identification, Installation, and Connections — (Manual Auxiliary for 756A PBX) — 556A PBX
	536-560-230	1	Tests and Inspections at Time of Installation — (Manual Auxiliary for 756A PBX)
	536-560-400	1	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment Connections — 556A PBX
	536-560-660	1	Station Line Circuits — Operation Tests
536-580 558A PBX			
●	536-580-001	1	Business Services Engineering
	Addendum	1	
	536-580-210	2	Identification, Installation, Connections, Inspection, Tests, and Method of Operation
536-590 559A Communication Package			
●	536-590-210	3	Identification, Installation, Connections, Tests, and Inspections

Division 538

600 Series PBX

538-0 Index, 600 Series PBX, and Equipment Test List

-040 No. 605A PBX

-050 No. 606 and 607-Type PBX — Sections Applying to More Than One Type

-060 No. 606-Type PBX

-070 No. 607-Type PBX

-080/086 No. 608A, 608B and 608D Type PBX

Number	Issue	Subject
538-0 Index, 600 Series PBX, and Equipment Test List		
538-000-000	33	Numerical Index — Division 538 — 600 Series PBX
538-001-011	2	ETL
538-002-600	1	Miscellaneous Circuits — Ringing, Battery, Auxiliary Signal, Night Alarm and Fuse Alarm — Tests and Inspections
538-002-660	1	Extension Lines — Relay, Jack, and Lamp Circuit Tests
538-002-665	1	Central Office Trunks — Operation Tests
538-040 No. 605A PBX		
❶ 538-040-001	1	Business Services Engineering
538-040-110	1	General Description
538-040-600	2	Miscellaneous Circuits — Generator, Night Alarm, Fuse Alarm, and Battery Cutoff — Tests and Inspections
538-040-660	2	Extension Lines — Convertible to Dial Line Circuit — Relay, Jack, and Lamp Circuit Tests
538-050 No. 606 and 607-Type PBX — Sections Applying to More Than One Type		
538-050-505	3	Attendant Telephone and Dialing Circuit — Tests and Inspections — 606B and 607A PBX
538-050-524	3	Cord Circuits — Operation Tests — 606B and 607A PBX
538-050-660	1	Station Line Circuits — Manual and Dial — Operation Tests — 606B, 607A and 607B PBX
538-050-665	3	Incoming, Outgoing, Two-Way Central Office and Local Trunks — Operation Tests — 606A, 607A and 607B PBX
538-050-667	3	Tie Trunks — Operation Tests — 606A, 607A and 607B PBX
538-060 No. 606-Type PBX		
538-060-505	2	Attendant Telephone and Dialing Circuit — Tests and Inspections — 606A PBX
538-060-523	3	Cord Circuits — Operation Tests — 606A PBX
538-060-600	2	Miscellaneous Circuits — Position Grouping, Auxiliary Signal, Night Alarm, Peg Count, and Supervisor Circuit — Tests and Inspections — 606A PBX
538-060-660	3	Station Line Circuits — Operation Tests — 606A PBX
538-060-665	3	Trunks to Attendant Connectors — Including Tests of Attendant Connectors — Operation Tests — 606A or 606B PBX
538-070 No. 607-Type PBX		
❶ 538-070-001	1	Business Services Engineering — 607 PBX
538-070-505	1	Attendant Telephone and Dialing Circuit — Tests and Inspections — 607B PBX
538-070-525	1	Cord Circuits — Operation Tests — 607B PBX
538-070-526	1	Manual PBX Access Line Circuit SD-1E047-01 — In-Service Tests — 607A and 607B PBX
538-070-600	1	Miscellaneous Circuits — Position Grouping, Night Alarm, Peg Count, Service Assistant Telephone, Test Cord, Calling Signal, and Lamp Battery Cutoff — Operation Tests — 607A and 607B PBX

	Number	Issue	Subject
	538-080/086 No. 608A, 608B and 608D Type PBX		
❶	538-080-001	1	Business Services Engineering — 608A PBX
	538-080-210	3	Manual, Nonmultiple 608A PBX Arranged for Plug-In Feeder Cables — Identification, Installation, and Connections
	538-080-211	1	Manual Conference Connection Circuit SD-65872-01 Using Conference Bridge Circuit With Transistorized Amplifiers for Four or Six Simultaneous Connections SD-96595-01 — Identification, Installation, Connection, and Operational Check — 608D PBX
	538-080-212	1	Identification — Installation and Connections (Manual Auxiliary for 701PK PBX) 608A PBX
	538-080-230	2	Tests and Inspections at Time of Installation — 608-Type PBX
	538-080-400	1	Blind Attendant Equipment — Lamp Signal Detector SD-65930-01 and Associated Equipment Connections — 608A, 608D PBX
	538-080-512	2	Attendant Loop Circuit SD-65830-01 — Arranged for Inward Dialing — Operation Tests Using Jack Mounting ED-60613-30, G3 and G4 — 608B and 608D PBX Switchboard
	538-080-523	2	Cord Circuit SD-66720-01 — Position Circuit SD-66721-01 — Manual Tests — Manual or Dial Auxiliary — 608A PBX
	538-080-524	3	Cord Circuit SD-66720-01 — Position Circuit SD-66721-01 — Operation Tests — Using PBX Cord Circuit Test Set SD-66484-01 (J54703A) — Manual or Dial Auxiliary — 608A PBX
	538-080-528	2	Cord Circuit ES-65841-01 — Position Circuit ES-65840-01 — Position "TOUCH- TONE®" Calling Circuit ES-65842-01 — Operation Tests — Using PBX Cord Circuit Test Set SD-66484-01 (J54703A) — 608A Switchboard — Arranged for Customer Group Service — No. 5 Centrex
	538-080-600	2	Miscellaneous Circuits — Battery Cut-Off Generator Supply, Auxiliary Signal, Alarms, Peg Count, and Page Key — Operation Tests — 608A and 608B PBX
	538-080-660	1	Station Line Circuits — Operation Tests — 608A PBX
	538-080-665	2	Attendant and Intercepting Trunks — Jack, Lamp and Register Circuit Tests — 608- Type PBX With Direct Trunk Termination
	538-080-667	2	Central Office and Tie Trunks — Operation Tests — 608-Type PBX With Direct Trunk Termination
❶	538-081-215	1	Identification, Installation, and Connections — 756A, 757A, and 800A Dial PBXs
	538-082-524	1	Cord Circuit SD-65832-01 — Position Circuit SD-65833-01 — Operation Tests — Using PBX Cord Circuit Test Set SD-66484-01 (J54703A) — 608B PBX Switchboard
	538-085-210	3	Manual, Nonmultiple 608D PBX — Arranged for Plug-In Feeder Cables — Identification, Installation, and Connections
	538-085-212	2	Manual Auxiliary for 701PK PBX — Identification, Installation, and Connections — 608D Switchboard
	538-085-213	2	Manual Auxiliary for 701B PBX — Identification, Installation, and Connections — 608D Switchboard
	538-085-215	2	Identification, Installation, and Connections for 608D Switchboard Used as Attendant Position With 756A and 757A Dial PBXs
	538-085-523	2	Cord Circuit and Position Circuit — Manual Tests — 608D PBX
	538-085-524	2	Cord Circuit SD-67034-01 — Position Circuit SD-67037-01 — Operation Tests — Using PBX Cord Circuit Test Set SD-66484-01 (J54703A) — Manual or Dial Auxiliary — 608D PBX

Number	Issue	Subject
538-085-600	1	Miscellaneous Circuits — Battery Cutoff, Generator Supply, Auxiliary Signal — Alarms and Peg Count — Operation Tests — 608D PBX
538-086-524	1	Cord Circuit SD-67035-01 — Position Circuit SD-67037-01 — Operation Tests — Using PBX Cord Circuit Test Set SD-66484-01 (J54703A) — 608D PBX Switchboard

Division 540

Sections Applying toMore Than One 700 Series PBX Including CENTREX CU, Attendant Equipment For CENTREX CO, And Touch-Tone Calling

540-0 Indexes and General Information

540-1 Sections Applying To More Than One 700 Series Step-By-Step PBX

540-3 Sections Applying To More Than One 700 Series Step-By-Step and Crossbar Type PBX

540-5 Sections Applying To Centrex Equipment and Circuits

540-7 Sections Applying To Step-By-Step PBX Equipment and Circuits Associated With Touch-Tone Calling

540-0 Indexes and General Information

Number	Issue	Subject
540-000-000	88	Numerical Index — Division 540 — Sections Applying to More Than One 700 Series PBX — Including Centrex CU, Attendant Equipment for Centrex CO, and Touch-Tone Calling
540-001-011	3	ETL — More Than One 700 Series Step- by-Step PBX — More Than One 700 Series Step-by-Step and Crossbar PBX
540-001-013	4	ETL — Step-by-Step Centrex CU and Optional Service Features — Step-by-Step PBX Equipment and Circuits Associated With Touch-Tone Calling
540-010-300	2	Trouble-Locating Information — 700-Type — Step-by-Step PBXs

540-1 Sections Applying To More Than One 700 Series Step-By-Step PBX

Number	Issue	Subject
540-101-500	1	Call-Thru Test — Using Automatic Call- Thru Test Set SD-32522 (J34728)
540-105-301	3	Equipment and Circuits — Method of Taking Out of Service 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 740A, 740AX, 740B, 740C and 740E PBX
540-107-300	2	Attendant Equipment — 101-Type Key Equipment — Method of Operation — 701A, 701B, and 740E PBX
540-107-301	2	Attendant Equipment — 6-Button Key Telephone Set — Method of Operation — 701A, 701B, and 740E PBX
540-107-302	2	Attendant Equipment — 5- or 6-Type Telephone Consoles — Method of Operation — 701A, 701B and 740E PBX
540-110-501	1	Station Message Register Pulse Circuit SD-66915-01 and Station Message Register Surcharge Circuit SD-66922-01 — Operation Tests — 701B, 711B, 701PK, 740E PBX
540-113-501	1	Station Direct Station Selection Circuit SD-66856-01 — Operation Tests 701A, 701B, 711A, 711B, 740E PBX
540-115-501	2	Line Finders — Operation Tests — Using Test Set SD-90416-01 (J94704A) — 701A, 701B, 701PK, 702A, 711A, 711B, 740A, 740AX, 740B, and 740C PBX
540-117-501	1	Line Finders and 3-Wire Trunk Finders — Operation Tests — Using Test Set SD-66073-01 (J54701B) — 701A, 701B, 701PK, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C and 740E PBX
540-117-503	1	Line Finders and 3-Wire Trunk Finders — Group and Chain Circuit Test and Make- Busy from Circuit Beyond — 701A, 701B, 701PK, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C and 740E PBX
540-120-503	2	Selectors — Pulsing Tests — Using Pulsing Test Set SD-31481-01 (J3417A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK and 740E PBX

Number	Issue	Subject
540-120-505	2	Selectors — B Relay Timing Test — Using Relay Timing Test Set SD-90418-01 (J94713A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, and 740E PBX
540-120-507	2	Selectors — Rotary and C Relay Timing Tests — Using Relay Timing Test Set SD-90418-01 (J94713A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK and 740E PBX
540-120-509	2	Selectors — Operation Tests — Using Test Set SD-66073-01 (J54701B) — 701A, 701B, 701PK, 711A, 711B, 711PK, and 740E PBX
540-120-511	2	Selectors — Operation Tests — Using Test Set SD-90416-01 (J94704A) — 701A, 701B, 701PK, 702A, 711A, 711B, and 711PK PBX
Addendum	1	
540-125-505	2	Connectors — Operation Tests — Using Test Set SD-66073-01 (J54701B) — 701A, 701B, 701PK, 711A, 711B, 711PK and 740E PBX
540-125-507	2	Connectors — Operation Tests — Using Test Set SD-90416-01 (J94704A) — 701A, 701B, 701PK, 702A, 711A, 711B, and 711PK PBX
540-128-501	1	Selector-Connector SD-65721-01 — Restricted Service Tests — 701A, 701B, 711A, 711B, and 740E PBX
540-128-502	1	Selector — Incoming First or Outgoing SD-65950-01 — Arranged for Digit Restriction or Digit Absorption — Operation Test — 700-Type PBX
540-128-503	1	Selector-Connectors — Operation Tests — Using Test Set SD-66073-01 (J54701B) or SD-90416-01 (J94704A) — 701A, 701B, 711A, 711B, 740A, 740AX, 740B, 740C, and 740E PBX
540-134-501	2	Selectors, Connectors, and Selector- Connectors — Cut-In and Release Tests — Using Dial Hand Test Set — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C and 740E PBX
540-134-701	2	Selectors, Connectors, and Selector- Connectors — Correction of Pulsing Failures — Using Pulsing Test Set SD-31481-01 (J34717A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 704AX, 740B, 740C, and 740E PBX
540-140-503	2	Selectors and Selector-Connectors — Rotary Test — Using Dial Hand Test Set — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX
540-140-505	2	Selectors and Selector-Connectors — Rotary Test — Using 40C Test Set — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX
540-143-504	2	Connectors and Selector-Connectors — Pulsing Tests — Using Pulsing Test Set SD-31481-01 (J34717A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX
540-143-507	3	Connectors and Selector-Connectors, B, C, and E Relay Timing Tests Using Relay Timing Test Set SD-90418-01 (J94713A) — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX
540-155-501	1	5-Wire Rotary Out-Trunk Switch — SD-30891-01 Arranged for Preselection — Operation Test Using Dial H and Test Set — Step-by-Step PBXs

Number	Issue	Subject
540-169-501	2	Trunks — Continuity and Polarity Tests from Selector Levels 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C and 740E PBX
540-172-501	1	Trunks and Tie Trunks — Operation Tests from Selector Levels — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740AX, 740B, 740C, and 740E PBX
540-175-501	3	Intercepting, Tone, and Announcement Trunks — Operation Tests — 700C, 701A, 701B, 701PK, 702A, and 740E PBX
540-182-501	1	Dial Conference Circuit SD-66461-01 — Operation Tests — 700C, 701A, 701B, 701PK, 702A, 710C, 711A, 711B, 711PK, 740A, 740B, and 740E PBX
540-188-501	2	Auxiliary Line Circuits SD-65799-01, SD-66604-02, and SD-66604-01 (A&M) — Operation Tests — 700-Type Step-by-Step PBXs

540-3 Sections Applying To More Than One 700 Series Step-By-Step and Crossbar Type PBX

	540-310-501	1	PBX Access Line Circuit SD-5E000-01 — Operational Tests — Step-by-Step Type PBX

540-5 Sections Applying To Centrex Equipment and Circuits

Step-by-Step PBX Centrex CU and Optional Service Features

❶	540-500-001	1	Business Services Engineering — 701B and 711B PBX
	540-507-300	4	Attendant Telephone Consoles With Direct Trunk Termination — Method of Operation — Step-by-Step Type PBX
	540-507-301	3	Attendant Telephone Consoles With Switched Loop — Method of Operation
	540-510-500	3	Call Distribution Circuit SD-65811-01 — Individual or Multi-customer — Alarms — Operation Tests
	Addendum	1	
	540-510-501	1	Alarms — Call Distribution Circuit SD-65829-01 — Operation Tests
	540-510-502	1	Alarms — Call Distribution Circuit SD-65829-01 — Operation Tests
	540-511-501	2	Attendant-Controlled Dial Conference Connecting Circuit SD-65897-01 For Use With Telephone Console and Transistorized Conference Circuit SD-96595-01 Arranged For A Maximum of Five Simultaneous Connections — Operation Tests — 701B PBX
	Addendum	1	
	540-511-510	2	Station Controlled Dial Conference Connecting Circuit SD-66857-01 Arranged for Use With Transistorized Conference Amplifier Circuit SD-96595-01 With A Maximum of Six Simultaneous Connections — Operation Tests — 701A, 701B, 711A, 0r 711B PBX
	540-514-501	1	Night Service Circuit SD-65894-01 — Operation Tests — 701B PBX
	540-515-501	2	Night Closing and Alarm Circuit SD-65898-01 — For Use With 1- or 2-Type Telephone Console or Supervisory Cabinet — Operation Tests — 701B PBX
	540-516-300	3	Call Transfer — Individual Method of Operation — 701B PBX
	540-517-501	1	Calls Waiting Signal Circuit SD-65845-01 — Operation Test — Step-by-Step PBX
	540-518-300	2	Automatic Number Identification Circuit SD-1E007-01 — General Maintenance Procedures — Step-by-Step Type PBX
	540-518-302	2	Automatic Number Identification Circuit SD-1E007-01 — Trouble Locating Procedures — Using Test Set J58853J (SD- 1E056-01) and 716C Test Receiver — Step-by-Step Type PBX

Number	Issue	Subject
540-518-303	3	Automatic Number Identification Circuit SD-1E007-01 — Trouble Locating Procedures — Using Test Set J58853J (SD- 1E056-01) — and TEKTRONIX* Oscilloscope Model 221T (Type 453 or 453A) Step-by- Step Type PBX
Addendum	1	
540-518-304	1	Automatic Number Identification Circuit SD-1E007-01 — Verification Procedures — Using Test Set J58853J (SD-1E056-01) — Step-by-Step Type PBX
Addendum	1	
540-518-305	2	Automatic Number Identification Circuit SD-1E007-01 — Manual Verification Procedures — Step-by-Step Type PBX
540-518-306	1	Automatic Number Identification Circuit — SD-1E007-01 — Verification Procedures Using Test Set J59204AJ (SD- 1E506-01)
540-518-501	2	Automatic Number Identification Circuit SD-1E007-01 — Alarms and Registers — Operation Tests — Step-by-Step Type PBX
540-521-501	2	Finder Circuits 100-Point 4-, 6-, and 8-Wire SD-65906-01, SD-65953-01, SD-65954-01, SD-65955-01 — Operation Tests
540-530-501	4	Call Distribution Circuit SD-65811-01 — Individual or Multicustomer — Circuit Tests
540-530-502	1	Call Distribution Circuit SD-65829-01 — Circuit Tests
540-540-500	1	Attendant Trunk SD-65815-01 — Operation Test — 701B PBX
540-540-501	3	Incoming Trunk SD-65812-01 — Arranged for Call Distribution Termination With Telephone Console — Operations Tests — 701B PBX
540-540-502	2	2-Way Central Office Trunk SD-65850-01 — Arranged for Call Distributor Termination With Telephone Console — Operation Test
540-540-503	4	Trunk Circuits SD-65808-01, SD-65823-01, SD-65825-01, and SD-65846-01 Arranged for Key Termination Operation Tests — Step-by-Step Type PBX
540-540-504	1	2-Way Position Trunk SD-65818-01 — For Use With Attendant Telephone Set With or Without Night Service — Operation Tests — 701B PBX
540-540-505	1	Attendant Trunk Circuit SD-65793-01 — Operation Tests — 700C, 701A, 701B, 702A, or 740E PBX
540-540-506	2	Incoming Trunk Circuit SD-65792-01 — Operation Tests — 700C, 701A, 701B, or 702A PBX
540-540-507	2	Incoming Trunk Circuit SD-5E004-01 — Operation Tests — Step-by-Step Type PBX
540-540-508	2	Two-Way Trunk Circuit SD-5E005-01 — Operation Tests — 701B PBX
540-540-509	2	2-Way Central Office Trunk Circuits SD-65895-01 and SD-5E045-01 — Key Terminated — For Use With Telephone Console — Operation Tests — Step-by- Step Type PBX
540-540-510	2	2-Way Central Office Trunk Circuit SD-5E006-01 — Operation Tests — Step- by-Step PBX
540-540-512	1	Digit Counter Circuit SD-5E057-01 — Operation Tests — 701B
540-540-513	1	Two-Way Trunk Circuit SD-5E028-01 — Operation Tests — 701A or 701B
540-560-501	3	Register Senders SD-65816-01 (A&M) and SD-65816-02 and Sender Links SD-65820-01 — Operation Tests — Using Sender Test Circuit SD-65827-01 — Step-by-Step Type PBX
540-570-501	3	Attendant Loop Circuit SD-65813-01 and Position Circuit SD-65814-01 — Operation Tests Using Jack Mounting ED-60613-30, Group 5 — Step-by-Step Type PBX
540-570-502	1	Attendant Loop Circuit SD-65830-01 — Operation Tests — Using Jack Mounting ED-60613-30, G3

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Number	Issue	Subject
540-575 No. 5 Crossbar Centrex CO (Attendant Equipment Only)		
Addendum	1	
540-575-301	4	1- and 2-Type Telephone Console With Fixed Loop Termination — Method of Operation — Arranged for Phase III Centrex
Addendum	1	
540-575-302	4	1- and 2-Type Telephone Console With Switched Loop Termination — Method of Operation — Arranged for Phase III Centrex
540-575-311	2	1- and 2-Type Telephone Console With Fixed Loop Termination — Method of Operation — Arranged for Phase II Centrex
540-575-312	1	1- and 2-Type Telephone Console With Switched Loop Termination — Method of Operation — Arranged for Phase II Centrex
540-575-321	2	Attendant Equipment — 1-, 2-, and 9A-Type Telephone Console and 622- Type Telephone Set — With Fixed Loop Termination — Method of Operation — Arranged for Phase I Centrex
540-575-322	1	Attendant Equipment — 1-, 2-, and 9A-Type Telephone Console and 622- Type Telephone Set — With Switched Loop Termination — Method of Operation — Arranged for Phase I Centrex
540-580 Customer Premises Systems		
540-580-101	3	50A — Identification, Installation, Connections and Installation Tests
540-580-301	1	50A — Attendant and Station Equipment — Method of Operation
540-580-302	2	50A — Trouble-Locating Procedures

Number	Issue	Subject
540-7 Sections Applying To Step-By-Step PBX Equipment and Circuits Associated With Touch-Tone Calling		
540-702-501	5	TOUCH-TONE Calling Receiver SD-67027-01, SD-98148-01, or SD-1C586-01, — Converter SD-66892-01 or SD-1E504-01, — Interface Circuit SD-66886-01 or SD-1E054-01, — and Trunk Finder Circuit SD-65906-01 — Operation Tests — Using J58847M Test Set SD-66890-01 — Step-by-Step PBX Systems
540-702-502	1	Common Group "TOUCH-TONE" Calling Equipment With Crossbar — Link Access — Operation Tests — Step-by-Step Systems

Division 541

700C and 710C PBX

541-0 Index 700C and 710C PBX, and Equipment Test List

Number	Issue	Subject
541-0 Index 700C and 710C PBX, and Equipment Test List		
541-000-000	6	Numerical Index — Division 541 — 700C and 710C PBX
541-001-011	1	ETL
700C And 710C PBX — (Manual Switchboard And Dial Equipment)		
541-002-501	2	Alarms — Operation Tests
700C And 710C PBX — (Dial Equipment)		
541-003-520	2	Connectors — Operation Tests
541-003-591	2	Line Switches and Master Switches — Operation Tests
700C PBX — (Manual Switchboard)		
541-004-600	1	Miscellaneous Circuits — Generator, Battery, Auxiliary Signal, Night Alarm and Fuse Alarm — Tests and Inspections
541-004-659	1	Manual Extension Lines — Relay, Jack, and Lamp Circuit Tests
541-004-665	1	Attendant Trunks — Jack and Lamp Circuit Tests
541-004-666	1	Attendant Central Office Trunks — Relay, Jack, and Lamp Circuit Tests
541-004-667	1	Combination Central Office Trunks — Relay, Jack, and Lamp Circuit Tests
541-004-668	1	Intercepting Trunks — Jack and Lamp Circuit Tests

Division 542

701- and 711-Type PBX

542-0 Index, 701- AND 711-Type PBX, and Equipment Test List

542-1 Sections Applying To Station Line Circuits

	Number	Issue	Subject
542-0 Index, 701- and 711-Type PBX, and Equipment Test List			
	542-000-000	19	Numerical Index — Division 542 — 701- and 711-Type PBX
	542-001-011	1	ETL
❶	542-010-001	1	Business Services Engineering — 701A and 711A PBX
❶	542-010-002	1	Business Services Engineering — 701B and 711B PBX
	542-010-110	2	General Description — 701A and 711A PBX
	542-010-310	2	Alarms — Method of Tracing — 701A and 711A PBX
	542-010-500	3	Alarms — Operation Tests — 701A and 711A PBX
	542-010-501	4	Alarms — Operation Tests — 701B and 711B PBX
	542-010-503	1	Power Failure Transfer Circuit — Operation Tests — 701B PBX Systems
	542-011-501	1	Attendant Direct Station Selection Circuit SD-66865-01 When Used With 1- and 2-Type Telephone Console — Operation Test — 701A or 701B PBX
❶	542-015-001	1	Business Services Engineering — 701PK and 711PK PBX
	Addendum	1	
	542-015-201	1	Switching Cabinets — Identification and Installation — 701PK PBX
	542-015-203	1	Basic and Supplementary Modules — Connections — 701PK PBX
	542-015-204	1	Heavy Traffic Module — Connections — 701PK PBX
	542-015-205	1	Incoming Selector and Dial Repeating Tie Trunk Module — Connections — 701PK PBX
	542-015-209	1	Service Options — Method of Providing — 701PK PBX
	542-015-210	1	Tests and Inspections at Time of Installation — 701PK PBX
	542-015-501	1	Alarms — Operations Tests — 701PK PBX
542-1 Sections Applying To Station Line Circuits			
	542-108-100	1	Station Restriction Circuit SD-5E012-01 and Station Restriction Control Circuit SD-5E034-01 Installation, Connection, and Operation Tests 710A and 701B PBX

Division 543

702A PBX

543-0 Index, 702A PBX, and Equipment Test List

-000 Index and ETL

-020 702A PBX

Number	Issue	Subject
543-000 Index and ETL		
543-000-000	6	Numerical Index — Division 543 — 702A PBX
543-001-011	1	ETL
543-020 702A PBX		
543-020-310	2	Alarms — Method of Tracing
543-020-500	3	Alarms — Operation Tests
543-020-520	3	Attendant 3-Wire Connectors — SD-66663-01 and SD-66664-01 — Operation Tests
543-020-521	3	Attendant 3-Wire Connectors — SD-66643-01 and SD-66644-01 — Operation Tests
543-020-590	1	Line Finders — Operation Tests
543-020-655	1	Selectors and Connectors — Operation Tests — Using Test Set SD-90210-01

Division 546

740-Type PBX

546-0 Index and Equipment Test List

546-4 740-Type PBX

Number	Issue	Subject
546-0 Index and Equipment Test List		
546-000-000	9	Numerical Index — Division 546 — 740-Type PBX
546-001-011	1	ETL
546-4 740-Type PBX		
546-400 740A, 740B, and 740AX PBXs		
546-400-110	1	General Description — 740A and 740B PBX
546-400-111	1	General Description — 740C PBX
546-400-310	2	Alarms — Method of Tracing
546-400-500	3	Alarms — Operation Tests
546-400-655	4	Selector-Connectors — Operation Tests — Using Dial Hand Test Set
Addendum	1	
546-400-665	2	Central Office Trunks and Tie Trunks — Operation Tests — 740A, 740B, and 740C PBX
Addendum	1	
546-400-666	1	Central Office Trunks and Tie Trunks — Operation Tests — 740AX PBX
546-404 740E PBX		
❶ 546-404-001	1	Business Services Engineering
546-404-311	1	Alarms — Method of Tracing
546-404-501	3	Alarms — Operation Tests

Division 548

750A PBX

548-0 Indexes and Equipment Test List

548-5 No. 750A PBX

Number	Issue	Subject
548-0 Indexes and Equipment Test List		
548-000-000	4	Numerical Index — Division 548 — 750A PBX
548-001-011	1	ETL
548-5 No. 750A PBX		
548-500-110	1	General Description
548-500-200	2	Preparation for Installing
548-500-210	3	Installation
548-500-230	3	Tests and Inspections at Time of Installation
548-500-310	2	Alarms — Method of Tracing
548-500-320	3	Method of Taking Equipment and Circuits Out of Service
548-500-500	4	Alarms — Operation Tests
548-500-590	2	Link Circuits — Operation Tests
548-500-665	3	Trunks — Operation Tests

Division 550

755A PBX

550-0 Indexes and Equipment

550-5 No. 755A PBX

Number	Issue	Subject
550-0 Indexes and Equipment Test List		
550-000-000	4	Numerical Index — Division 550 — 755A PBX
550-001-011	1	ETL
550-5 No. 755A PBX		
550-550-110	1	General Description
550-550-210	4	Installation
550-550-230	2	Tests and Inspections at Time of Installation
550-550-500	2	Alarms — Operation Tests
550-550-590	2	Link and Link Allotter Circuits — Operation Tests
550-550-665	1	Trunks — Operation Tests

Division 551

756A, 757A, 758A, 758B, 758C, 761, and 770 PBX

551-0 Index and Equipment Test List

551-1 No. 756A PBX

551-2 No. 757A PBX

551-4 No. 758A, 758B, AND 758A/B PBX

551-5 No. 758C PBX

551-7 No. 761 AND 770 PBX

551-0 Index and Equipment Test List

Number	Issue	Subject
551-000-000	47	Numerical Index — Division 551 — 756A, 757A, 758A, 758B, 758C, 761, and 770 PBX
551-001-011	3	ETL — 756A PBX
551-001-012	3	ETL — 757A PBX
551-001-014	2	ETL — 758A and 758B PBX
551-001-015	2	ETL — 758C PBX
551-001-017	4	ETL — 761 and 770 PBX
551-010-300	2	Trouble-Locating Information — 757A PBX
551-010-301	2	Trouble-Locating Information — 756A PBX
551-010-302	1	Trouble-Locating Information — 761-Type PBX

551-1 No. 756A PBX

Number	Issue	Subject
❶ 551-100-001	1	Business Services Engineering
❶ 551-100-005	1	Business Services Administration
▲551-100-100	2	756A PBX
❑▲ 551-100-101	1	Repair NOTE: Information now in 551-100-100
551-100-210	5	Switching Cabinets — Identification and Installation
551-100-211	7	Crown, House and Feeder, and Supplementary Cables — Method of Connecting to PBX
551-100-212	3	House and Feeder Cables — From Modules 1 and 2 — Method of Connecting to Cross-Connecting Terminal
551-103-210	4	Supplementary House and Feeder Cable — Direct Station Selection by Attendant and Single-Digit Dialing — Method of Connecting to Cross-Connecting Terminal
551-103-211	5	Supplementary House and Feeder Cables — 556A Switchboard — Method of Connecting to Cross-Connecting Terminal
551-103-212	1	608A or 608D Switchboard Connections
551-104-210	2	Direct Station Selection by Stations — Identification, Installation, and Connections
Addendum	2	
551-107-210	2	Touch-Tone Calling — Identification, Installation, and Connections
551-110-210	2	Message Waiting Service — Connections
551-111-210	2	Inward Restriction SD-5E003-01 Identification — Installation and Connections
551-115-210	3	3- and 22-Type Telephone Console — Connections
551-117-210	4	4- and 32-Type Telephone Console — Connections
551-124-210	1	700-Type Attendant Modular Station Apparatus — Connections
551-129-210	3	565GBR Telephone Set — Installation and Connections
551-129-211	5	565GK, 1565GK (MD), and 2565GK Key Telephone Sets — Installation and Connections
551-131-210	1	Station Dial Transfer Trunk Circuit — Identification, Installation, and Connections
551-135-210	3	Conference Equipment — Identification, Installation, and Connections
551-137-210	2	External Traffic Register Cabinet — Identification, Installation, and Connection
551-139-210	3	Station Message Register Pulse and Surcharge Circuit SD-5E021-01 — Identification, Installation, and Connections

Number	Issue	Subject
Addendum	1	
551-144-210	5	Miscellaneous Equipment — (Tie Trunks, Loudspeaker Paging Trunk, Recorded Telephone Dictation Trunk, 3A Code Call Unit, Busy Verification Auxiliary Trunk, and Auxiliary Position Circuit for Remote Trunk Answer From any Station) — Installation Information
551-147-210	5	Service Options — Method of Providing
Addendum	1	
551-150-209	1	Test Facilities and Test Calls — Method of Operation
551-150-210	3	Tests and Inspections at Time of Installation
551-153-501	4	Alarm and Transfer Circuit — Circuit Tests
Addendum	1	
551-155-501	2	Marker Alarms — Circuit Tests
Addendum	1	
551-160-301	1	Attendant Equipment — 700- or 701-Type Modular Station Unit — Method of Operation
551-160-302	4	Attendant Equipment — 3-, 4-, 22-, and 32-Type Telephone Consoles — Method of Operation
Addendum	1	
551-160-310	1	Attendant Equipment — 6-Button Key Telephone Set — Method of Operation
551-166-501	2	Auxiliary Position Circuit for Remote Trunk Answering (SD-66910-01) — Operation Tests
Addendum	1	
551-168-501	3	Dial Pulse Register Circuit — Circuit Tests
551-170-501	2	Line, Link and Marker Circuits — Circuit Test
551-173-501	2	Junctor Circuits — Operation Tests
551-174-210	1	Traffic Measurement System No. 1A — Remote Scanner and Encoder — Connections
551-174-501	1	Traffic Measurement System No. 1A — Remote Scanner and Encoder — Circuit Tests
Addendum	1	
551-175-501	2	Station Dial Transfer Controller Circuit SD-66909-01 and Transfer Trunks SD-66921-01 — Operation Tests
551-176-501	2	Dial Conference Circuit — Meet-Me Type SD-65745-01 — Operation Tests
551-177-501	2	Station Controlled Dial Conference Trunk Circuit — Operation Test
551-178-501	1	Dial Conference Trunk Circuit — Attendant Controlled Type SD-66908-01 — Operation and Transmission Test
551-179-501	2	Traffic and Trouble Registers — Operation Tests
551-180-501	1	Station Message Register Pulse and Surcharge Circuit SD-5E021-01 — Operation Tests
551-182-501	2	Attendant Trunks — Operation Tests
551-185-501	1	Busy Tone Trunk — Operation Tests
551-188-501	3	2-Way Central Office Trunk (SD-65752-01) — Operation Tests
551-191-501	3	Loudspeaker Paging Trunk SD-65747-01 — Operation Tests
551-194-501	1	Tie Trunks SD-65755-01 — Circuit Tests
551-195-501	1	Tie Trunks — SD-65756-01 — Operation Tests

551-2 No. 757A PBX

Number	Issue	Subject
❶ 551-200-001	1	Business Services Engineering
551-200-210	5	Switching Cabinets — Identification and Installation
551-201-210	4	Cabinet 0 — House and Feeder Cables — Method of Connecting Cabinet 0 to Switching Cabinets
551-203-210	6	Crown Cables — Method of Connecting to PBX
551-206-200	1	House and Feeder Cables — Station Line Circuits — Method of Connecting PBX to Cross-Connecting Terminal

Number	Issue	Subject
551-206-205	5	House and Feeder Cables — Central Office and Miscellaneous Trunks — Emergency Transfer and Alarm Leads — Method of Connecting PBX to External Cross- Connecting Terminal
Addendum	2	
551-206-215	3	House and Feeder Cables — Attendant Telephone Console — Position No. 1 — Direct Trunk Termination — Method of Connecting PBX to Cross-Connecting Terminal
551-206-220	4	House and Feeder Cables — Attendant Telephone Consoles 1-3 — Switched Loop Termination — Method of Connecting PBX to Cross-Connecting Terminal
551-206-225	1	House and Feeder Cables — Multiple Attendant Telephone Consoles — 1-Type Selector Console Direct Trunk Termination Method of Connecting PBX to Cross- Connecting Terminal
551-206-230	2	House and Feeder Cables — Selector Consoles — DSS by Attendant — Method of Connecting PBX to Cross-Connecting Terminal
551-210-210	2	23-, 43- and 53-Type Telephone Consoles — Connections
Addendum	1	
551-216-210	4	1- and 2-Type Telephone Consoles — Direct Trunk Termination — Connections
551-216-215	4	1- and 2-Type (A and M) Telephone Consoles — Switched Loop Operation — Connections
Addendum	1	
551-216-220	1	Attendant Equipment — Multiple Attendant 1- and 2-Type Telephone Consoles — 1-Type Selector Console — Direct Trunk Termination Method of Connecting Consoles to Cross-Connecting Terminals
551-224-210	3	1-Type Selector Consoles — Direct Station Selection — Connections
❶ 551-228-210	1	Manual Switchboard Arrangement — Identification Installations, and Connections
Addendum	1	
551-230-210	1	Direct Station Selection by Stations — Identification, Installation and Connections
Addendum	2	
551-231-210	3	Call Transfer-Individual Equipment Required to Provide Controller Unit Mounted in Auxiliary Cabinet ED-1E037-70 — Identification, Installation, and Connections
Addendum	1	
551-231-211	2	Call Transfer — Individual Equipment Required to Provide Controller Unit Mounted in Power Cabinet J86808 — Identification, Installation, and Connections
Addendum	1	
551-232-210	3	Touch-Tone Calling Equipment — Identification, Installation, and Connections
551-233-210	2	Station Message Register Service — Equipment Required to Provide Identification, Installation, and Connections
551-234-210	5	Trunks and Feature Units — Identification, Installation, and Connections
Addendum	1	
551-234-211	2	Auxiliary Position Circuit SD-66874-01 (Trunk Answer Any Station) — Non- Plug-In Arrangement — Identification, Installation, and Connections
551-234-212	1	Auxiliary Incoming Trunk Circuit SD-66896-01 — Identification, Installation, and Connections
551-234-213	1	Message Waiting Service — Connections
551-234-214	3	Paging Trunk Unit J58838CM (SD- 66762-01) — Identification, Installation, and Connections
Addendum	1	
551-234-215	1	Auxiliary Position Circuit SD-66874-01 — (Trunk Answer Any Station) — Plug-in Arrangement — Identification, Installation, and Connections

Number	Issue	Subject
551-234-216	1	Incoming Call Identification and Trunk Group Busy Lamp Feature — Identification, Installation, and Connections
551-234-218	2	Common Control Switching Arrangement — Identification, Installation, and Connections
551-235-210	3	Conference Equipment — Identification, Installation, and Connections
551-236-210	2	Automatic Number Identification Equipment J58853, SD-1E007-01 — Identification, Installation, and Connections
551-237-210	3	External Traffic Register Cabinet J58857 (SD-5E010-01) — Identification, Installation, and Connections
551-242-210	7	Service Options — Method of Providing
551-244-201	1	Fully Restricted Station Feature — Identification, Installation, and Connections
551-245-201	3	Tests and Inspections at Time of Installation
551-252-501	1	Station Message Register Pulse Circuit SD-66894-01 — Message Register Circuit SD-65852-01 — Operation Tests
551-253-501	6	Alarm, Transfer, and Traffic Register Circuit SD-66734-01 — Operation Tests
551-255-501	5	Marker Alarms — Operation Tests
551-258-300	1	Automatic Number Identification Circuit SD-1E007-01 — General Maintenance Procedures
551-258-302	2	Automatic Number Identification Circuit SD-1E007-01 — Trouble Locating Procedures — Using Test Set J58853J (SD- 1E056-01) and 716C Test Receiver
Addendum	1	
551-258-303	2	Automatic Number Identification Circuit SD-1E007-01 — Trouble Locating Procedures — Using Test Set J58853J (SD- 1E056-01) and Tektronix Oscilloscope Model 221T (Type 453)
551-258-304	2	Automatic Number Identification Circuit SD-1E007-01 — Verification Procedures Using Test Set J58853J (SD-1E056-01)
551-258-305	2	Automatic Number Identification Circuit SD-1E007-01 — Manual Verification Procedures
551-258-501	2	Automatic Number Identification Circuit SD-1E007-01 — Alarms and Registers — Operation Tests
551-260-301	5	Attendant Equipment — Single Telephone Console With Direct Trunk Termination — Method of Operation
551-260-302	5	Attendant Equipment — Telephone Consoles With Switched Loop Operation — Method of Operation
551-260-303	2	Attendant Equipment — Multiple Telephone Consoles With Direct Trunk Termination — Method of Operation
Addendum	1	
551-263-501	2	Attendant Link, Loop, and Controller Circuit SD-66737-01 — Operation Tests — Incoming Call Identification and Trunk Group Busy Circuit Tests
551-265-501	1	Direct Station Selection Circuit — Operation Tests
551-266-501	1	Incoming Register Link Circuit — Operation Tests
551-267-501	3	Incoming Dial Pulse Register SD-66739-01 — Circuit Tests
551-268-501	3	Originating Registers — Operation Tests
551-270-501	3	Line, Link and Marker Circuit SD-66733-01 — Operation Tests
551-272-301	2	Marker Call Progress Indicator — Method of Operation, Recording and Analysis of Lamp Displays
Addendum	1	
551-272-501	1	Call Progress Indicator — Operation Tests
551-273-501	1	Junctor Circuits — Operation Tests
551-274-210	1	Traffic Measurement System No. 1A — Remote Scanner and Encoder Connections
551-274-501	1	Traffic Measurement System No. 1A — Remote Scanner and Encoder Connections — Circuit Tests

	Number	Issue	Subject
	Addendum	1	
	551-275-501	1	Dial Conference Trunk Circuit Meet-Me Type SD-66761-01(MD) — Operation and Transmission Tests
	551-275-502	2	Dial Conference Trunk Circuit Station Controlled Type SD-66880-01 — Operation and Transmission Tests
	551-275-503	2	Attendant Controlled Dial Conference Trunk Circuit SD-66881-01 — Operation and Transmission Tests
	551-276-501	2	Paging Trunk SD-66762-01 — Operation Tests
	551-277-501	1	Executive Trunk Circuit SD-1E000-01 With Ringback and Camp-on Tone Signal — Operation Tests
	551-279-501	2	Station Dial Transfer Controller Circuit SD-66753-01 and Transfer Trunk Circuit SD-66752-01 — Operation Tests
	551-280-501	1	Station Restriction Control Circuit SD-5E034-01 — Station Restriction Circuit SD-5E015-01 — Operation Tests
❶	551-281-501	4	Auxiliary Position Circuit SD-66874-01 (Trunk Answer from any Station) — Operation Tests
	551-285-501	2	Busy Tone Trunks — Operation Tests
	Addendum	1	
	551-287-501	1	Two-Way Trunk Circuit SD-5E041-01 (A&M) for use with CCSA — Operation Tests
	551-290-501	2	Direct Inward Dialing Trunks SD-66741-01 and SD-1E004-01 — Crossbar Offices — Operation Tests
	551-290-502	2	Direct Inward Dialing Trunk Circuit SD-5E046-01 or SD-5E047-01 — Operation Tests
	551-291-501	2	Direct Inward Dialing Trunks SD-66740-01 and SD-1E003-01 — Step-by-Step Offices — Operation Tests
	551-292-501	1	Outgoing Trunk to Toll Operator — Operation Test
	551-293-501	2	Outgoing or 2-Way Central Office Trunks — SD-66749-01, SD-66750-01, SD-1E002-01 and SD-5E016-01 — Operation Tests
	551-294-501	3	Auxiliary Tie Trunk Circuit SD-66765-01 — Operation Tests
	551-295-501	1	Auxiliary Incoming Trunk Circuits SD-66896-01 For E and M Lead Signaling — Operation Tests
	551-296-501	1	Ringdown Tie Trunk — Operation Tests
❶	551-297-501	1	Circuits Associated With 608-Type Switchboard — Operation Tests

551-4 No. 758A, 758B, AND 758A/B PBX

551-400 No. 758A PBX

551-410-500	1	Alarms — Operation Tests
551-411-300	1	Console Circuit SD-65925-01 — Method of Operation
551-414-500	1	Line Pickup Circuit SD-65916-01 — Operation Tests
551-415-500	1	Auxiliary Trunk Circuit SD-67075-01 — Circuit Tests
551-416-500	1	Flutter-Flash Lamp Signal Supply Circuit SD-67076-01 — Operation Tests

551-420) No. 758B PBX [5]51-440)

551-424-501	1	Alarms — Operation Tests
551-430-501	2	Dial Line Circuit SD-66797-01 — Operation Tests
551-434-501	1	Touch-Tone Trunk Finder SD-67020-01 — Operation Tests
551-436-501	1	Touch-Tone to Dial Pulse Converter Circuit SD-67016-01 — TOUCH-TONE Receiver SD-98148-01 — Operation Tests Using Converter Circuit J58839N (SD-67017-01)
551-438-501	1	Timing Circuit SD-67015-01 — Operation Tests
551-442-501	1	Busy Tone Trunk SD-65919-01 — Operation Tests

	Number	Issue	Subject
551-450 No. 758A and 758B PBX			
	551-454-501	1	Marker Circuit SD-65912-01 — Circuit Tests
	551-456-501	1	Link and Select Magnet Connector Circuit SD-65913-01 — Operation Tests
	551-458-501	1	Dial Pulse Register Circuit — Circuit Tests
	551-464-501	1	Interrupter Circuit SD-65923-01 — Operation Tests — 758A and 758B PBX
	551-466-501	1	Traffic and Trouble Registers — Operation Tests — 758A and 758B PBX
551-470 No. 758A/B PBX			
❶	551-470-300	1	Console Circuit SD-65925-01 — Method of Operation
	Addendum	1	
❶	551-470-500	1	Alarms — Operation Tests
	551-470-501	1	Dial or Manual Line Circuit SD-67114-01 — Operation Test
❶	551-470-502	1	Marker Circuit SD-65912-01 — Circuit Tests
❶	551-470-503	1	Link and Select Magnet Connector Circuit SD-65913-01 — Operation Tests
❶	551-470-504	1	Dial Pulse Register Circuit — Circuit Tests
	551-470-505	1	Flutter-Flash Lamp Signal Supply Circuit SD-67076-01 — Operation Tests
❶	551-470-506	1	Busy-Tone Trunks SD-65919-01 — Operation Test
	551-470-507	1	Interrupter Circuit SD-65923-01 — Operation Tests
❶	551-470-508	1	Traffic and Trouble Registers — Operation Test — Switching System
551-5 No. 758C PBX			
❶	551-510-001	1	Business Services Engineering
	Addendum	1	
	551-510-500	4	Alarms — Operation Tests
	551-511-300	2	Console Circuit SD-65925-01 — Method of Operation
	551-511-301	3	Attendant Equipment — Telephone Consoles — Method of Operation — Arranged for Wideband Secure-Voice Operation
	Addendum	1	
	551-512-300	4	Call Progress Indicator SD-67058-01 — Method of Operation
	551-512-301	5	Decoder — Marker Trouble Indication Record — (See Section
	551-512-500	2	Call Progress Indicating Circuit SD-67058-01 — Operation Tests
	Addendum	1	
	551-518-500	2	Register-Sender SD-67045-01 (A&M Only) — Register Sender SD-67077-01 — Operation Tests Using Register-Sender Test Set SD-67049-01 (J58845M)
❶	551-518-502	1	Register-Sender SD-67090-01 — Operation Tests Using Register-Sender Test Set SD-67092-01 (J58845M)
	551-520-500	3	Decoder-Marker Connector Circuit SD-67046-01 or SD-67106-01 — Operation Tests
	551-522-500	3	Link and Connector Circuit SD-67041-01 or SD-67109-01 — Operation Tests
	551-524-500	3	Marker Circuit SD-67043-01 or SD-67101-01 — Decoder Circuit SD-67044-01 or SD-67102-01 Using Register-Sender Test Set SD-67049-01 (J58845M) or Register-Sender Test Set SD-67092-01 (J58845M) and Call Progress Indicator SD-67058-01 — Operation Tests
	551-526-500	1	Precedence Circuit SD-67100-01 — Operation Tests
	551-527-500	1	Announcement Trunk Circuit SD-67093-01 — Operation Test
	551-528-500	3	1000-Hertz Supply, Interrupter, and Distributing Circuit SD-67069-01 or SD-67108-01 — Operation Tests
	551-530-500	2	Plant and Traffic Register Circuit SD-67059-01 — Operation Tests
	551-531-500	2	Flutter-Flash Lamp Signal Supply Circuit SD-67076-01 — Operation Tests

	Number	Issue	Subject
❶	551-533-500	2	4-Wire Station Line Circuit SD-67053-01 — Operation Tests
	551-533-501	2	4-Wire Station Line Circuit SD-67067-01, SD-67067-02, SD-67087-01, and SD-67095-01 — Operation Tests
	551-534-500	1	Line Pickup Circuit SD-65916-01 — Operation Tests
	551-537-500	1	Incoming Trunk Circuit — SD-67042-01 — Operation Tests
	551-540-500	1	Preemption and Continuity Test Trunk SD-67054-01 — Operation Tests
	551-541-500	1	Outgoing Dial Trunk Circuit SD-67051-01 — Operation Tests
	551-542-500	1	Auxiliary Trunk Circuit SD-67075-01 — Circuit Tests
	551-545-500	2	2-Way 4-Wire Tie Trunk Circuit SD-67050-01 — Tests
	551-546-500	2	2-Way Tie Trunk Circuit SD-67068-01 and SD-67088-01 — Operation Tests
	551-548-500	1	No-Test Connector Trunk Circuit SD-67064-01 Operation Tests
	551-549-500	1	Tone Trunk Circuit SD-67052-01 — Operation Test
	551-550-500	1	Touch-Tone Test Line Circuit SD-67083-01 — Operation Tests
	551-551-500	1	Secure Voice AUTOVON Trunk Circuit SD-67085-01 — Preemption Signaling Circuit Test Using Preempt-Precedence Test Set SD-69550-01 (J53042A)
	551-560-100	1	Billing Information Transmitter (BIT), BIT Performance Monitor and Load Detection Circuit — Description and Method of Operation — 758C Switching System Used With Switched Digital Data System (SDDS)
	551-560-300	1	Billing Information Transmitter (BIT), BIT Performance Monitor and Load Detection Circuit — Maintenance Procedures — 758C Switching System Used With Switched Digital Data System (SDDS)
	551-561-500	2	Digital Line Circuit (SD-73095-01), Digital Test Line Circuit (SD-73099-01), and Dial Tone Speed Measuring Circuit (SD-73103-01) — Operation Tests — For Switched Digital Data System (SDDS)
	551-562-500	2	Digital Trunk Circuit (SD-73096-01) — Operation Tests — 758C Switching System for Switched Digital Data System (SDDS)
	551-563-305	1	Digital Register-Sender Interface Unit SD-73101-01 — Method of Operation for Switched Digital Data System (SDDS)
	551-563-500	2	Digital Register-Sender — Operation Test — Used With Switched Digital Data System (SDDS)
	551-564-500	1	Plant and Traffic Register Circuit SD-67059-01 — Operation Tests — Used With Switched Digital Data System (SDDS)
	551-566-305	1	Decoder Marker Test Circuit SD-67118-01 When Used With the 758C Switching System Arranged for Switched Digital Data System — Description and Method of Operation
	551-566-500	1	Operational Test of Decoder-Marker Circuits — SD-67102-01 and SD-67101-01 Used Decoder-Marker Test Circuit SD-67118-01 When Used With the 758C Switching System Arranged as a Switch Digital Data System
	551-566-502	1	Decoder-Marker Connector Circuit — SD-67106-01 — Operation Tests — Used With Switched Digital Data System (SDDS)
	551-567-500	1	Link and Connector Circuit SD-67109-01 — Operation Test — 758C Switching System Used With Switched Digital Data System (SDDS)

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551-7 No. 761 and 770 PBX

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❶ 551-770-004	1	Business Services Engineering
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Division 553

800 Series PBX

553-0 Index

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553-8 No. 850A PBX

553-0 Index

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Division 554

DIMENSION® PBX

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554-1 Dimension PBX

554-101 Dimension 100/400 PBX

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554-101-106	3	Scanner/Distributor and Network Control — Maintenance Support Information
554-101-107	3	PAM Network and Port Circuits — Maintenance Support Information
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554-105 Dimension 400E/600/600SN

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■ 554-111-003	1	Business Services Engineering — Attendant Facilities
■ 554-111-004	1	Business Services Engineering — System Operation
■ 554-111-005	2	Traffic Measurements — Feature Package- 7 — Business Services Traffic Engineering — Dial PBX Systems — Electronic
■ 554-111-006	1	Business Services Engineering
■ 554-111-100	11	System Description and Planning Information
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■ 554-111-105	1	General Software Description and Call Processing Maintenance — Support Information
554-111-106	2	Scanner/Distributor and Network Control — Maintenance Support Information
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■▲554-111-305	11	DIMENSION 2000 and Customer PBX Basic Call Types Features
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554-111-615	2	Time-Division Network Engineering
554-111-620	1	Station Message Detail Recording Engineering
554-111-625	1	Electronic Custom Telephone Service Engineering
554-111-630	3	Processor Community Engineering
554-111-635	1	Centralized Attendant Service, Direct Department Calling, Uniform Call Distribution, and Attendant Position Engineering Requirements
554-111-636	1	Automated Call Distribution and Enhanced Uniform Call Distribution Engineering
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554-111-650	5	Design Engineering Worksheets
554-111-660	2	Traffic Measurements
554-111-661	1	Feature Package 8 Issue 3 — Traffic Data Analysis
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554-191 Dimension PBX Feature Documents

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554-191-105	2	Interaction Cross-Reference
554-191-110	3	Alphanumeric Display for Attendant Position, Incoming Call Identification, Calling Number Display to Attendant, and Class-of-Service Display to Attendant
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554-191-111	3	Attendant Conference, Meet-Me Conference and Six-Way Station Conference
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554-191-112	6	Attendant Console and Switched Loop Operation — Features
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554-191-113	3	Interposition Calling and Transfer — Feature
554-191-114	3	Attendant Control of Trunk Group Access (ACTGA) — Feature
554-191-115	3	Attendant Direct Station Selection With Busy Lamp Field and Busy Lamp Field Features
554-191-116	1	Attendant Lockout and Privacy Lockout Features
554-191-117	1	Attendant Transfer — All Calls
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554-191-119	4	Automatic Callback — Calling and Automatic Callback — Busy and Don't Answer — Feature
554-191-120	2	Controlled Restriction — Features for Feature Package No. 9
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554-191-137	3	Code Restriction and Toll Restriction
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554-191-138	3	Controlled Restriction Features (Except for Feature Package 9)
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554-191-140	2	Line Ringing, Common Audible Ringing, Abbreviated and Delayed Ringing, Ringing Transfer, and Station Ringer Cutoff
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554-191-143	1	Voice Store and Forward Interface
554-191-145	2	Dial Access to Attendant Feature
554-191-146	3	Automatic Intercom, Dial Intercom, Manual Intercom, and Manual Signaling Features
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554-191-150	2	Direct Trunk Group Selection Feature
554-191-151	3	Distinctive Ringing Feature
554-191-152	3	Foreign Exchange (FX) — Central Office (CO) — Access Feature
554-191-153	2	Listed Directory Number (LDN) Service and Multiple Listed Directory Numbers Features
554-191-154	3	Custom Intercom Feature
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554-191-161	2	Idle Line Preference, Prime Line Preference, Last Line Preference, No Line Preference, Preselection, Incoming Call Preference, and Ringing Line Preference Features
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554-191-200	2	Two-Party Hold on Console and Serial Call Features
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554-191-205	3	Station Hunting — Circular Hunting — Station Hunting — Terminal Hunting — Features
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554-191-207	4	Hotel/Motel Console/Terminal Feature
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554-191-220	3	Touch-Tone Calling and Touch-Tone to Dial Pulse Conversion Features
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554-191-254	2	Emergency Access to Attendant Feature
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554-191-265	1	Malicious Call Tracing — Feature
554-191-266	1	Attendant Flash Over Trunks — Feature
554-191-267	1	Memory Holdover — Feature
554-191-268	1	Automatic Attendant Access — Feature
554-191-269	1	Off-Hook Trunk Queuing
554-191-270	1	Priority Queuing
554-191-271	1	Splitting — Two-Way Manual
554-191-272	1	Message Center
554-191-273	1	Directory
Addendum	1	
554-191-274	1	Call Coverage
554-191-275 IS	2	Leave Word Calling
554-191-276	1	Automatic Message Waiting
554-191-278	1	Data Switching — Level I
554-191-279	1	Data Switching — Level II
554-191-286 IS	2	Distributed Communications System
554-191-288	1	Dimension Feature Package 8 Issue 3.9 Change Description

Division 555

Business Communications Systems *DEFINITY*® Communications Systems, Systems 25, 75, 85, Merlin Legend® and Common Systems, Information Systems Network, And Premises Distribution System

555-0 Common Systems
- -000 Index and General Information
- -005 TELESEER® Hospitality II System
- -006 Call Accounting/Recording Systems
- -007 AT&T FAX Attendant System®
- -015 DEFINITY® Communications System, System 75 and System 85 Terminals and Adjuncts
- -016 PC/PBX (Personal Computer/PBX)
- -017 3B2 System
- -020 Data Modules
- -021 ISDN (Integrated Services Digital Network) Terminal Equipment
- -025 System 75 and System 85 Network and Data Services
- -027 Group Video and Multipoint Control Unit
- -030 3270 Data Modules
- -035 Implementation Guidelines for Communications System
- -045 Universal Turret/Universal Turret "Plus"

555-1 System 85 and DEFINITY® Communications System Generic 2
- -101 Release 2 Versions 1 and 2
- -102 Release 2 Versions 1, 2, and 3
- -103 Release 2 Versions 1, 2, 3, and 4
- -104 DEFINITY® Generic 2 Communication System and System 85
- -105 DEFINITY® Generic 2 Communication System
- -109 Application Notes and Newsletter

555-2 System 75 and DEFINITY Communications System Generic 1
- -200 Release 1 — General Information
- -201 System 75XE
- -204 DEFINITY Communications System Generic 1
- -209 Application Notes - Newsletters
- -230 DEFINITY Communications System Generic 3

555-3 ISN (Information Systems Network)

555-4 Premises Distribution System
- -400 Introduction/Applications
- -401 Data Unit/Adapters

555-5 System 25
- -500 Introductory Information
- -509 Application Notes
- -520 System 25 R1V2
- -530 System 25 R2V1
- -532 System 25 CMS
- -540 System 25 R3

555-6 MERLIN LEGEND®
- -610 MERLIN LEGEND® R1.0/1.1
- -611 MERLIN LEGEND® R1.2i (International)
- -612 MERLIN LEGEND® R1.3i (International)
- -620 MERLIN LEGEND® R2.0

Number	Issue	Subject
555-0 Common Systems		
555-000 Index and General Information		
555-000-000	33	Numerical Index — Division 555 — Business Communications Systems — Customer Switching and Networking Systems — System 25, 75, 85, Common Systems, Information — Systems Network, and Premises Distribution System (5-95)
555-000-010	8	Business Communications Systems — Publications Catalog
555-000-050	1	Business Communications System — Documentation Guideline
555-000-090	1	Business Communications Application Kit
555-000-091	1	Business Communications Lien Waiver Kit
555-005 TELESEER® Hospitality II System		
555-005-100	1	Installation and Service Guide
555-005-400	1	Operations Manual

Number	Issue	Subject
555-006 Call Accounting/Recording Systems		
555-006-001	1	Cost Allocation — Introduction Guide
555-006-101	1	CDRU Installation — Quick Reference
555-006-102	1	CDRP Installation — Quick Reference
555-006-103	1	Cost Allocator Installation and Maintenance
555-006-110	1	Call Detail Recording Utility
555-006-111	1	Cost Allocator V2 Install and Verification
555-006-115	1	Call Accounting System Plus V3 Installation
555-006-201	2	Call Accounting System — Reference Manual
555-006-202	2	Call Detail Recording — Reference Manual (2-7-92)
555-006-210	2	Call Detail Recording Utility System Description
Addendum	1	
555-006-211	1	Call Detail Recording Utility
555-006-212	1	Call Detail Recording Utility — Small User Guide
Addendum	1	
555-006-213	1	Call Detail Record Poller
555-006-224	1	Cost Allocator V2
555-006-501	1	Cost Allocator Administration and Operation
555-006-502	1	Cost Allocator Administration Quick Reference
555-006-503	1	Cost Allocator Enhanced Reporting Module
555-006-506	1	Cost Allocator V2 Administration and Operations and Maintenance
555-006-508	1	Cost Allocator V2 Enhanced Report Module
555-006-509	1	Cost Allocator V2 Integrated Poller Module
555-006-510	1	Cost Allocator V2 Rating I Module Enhanced
555-006-511	1	Cost Allocator V2 Rating II Module Enhanced
555-006-512	1	Cost Allocator V2 Charge-Back Module Enhanced
555-006-516	1	CAS for Windows Installation Guide
555-006-520	1	Call Accounting System (CAS) Plus V3 Administration and Operations
555-006-521	1	CAS for Windows Administration and Operation Guide
555-006-602	2	Call Detail Acquisition Product — Planning and Implementation
555-006-701	1	Station Message — Detail Recording (SMDR)
555-006-702	1	CAS Windows Hacker Tracker
✇555-006-703	1	CAS Windows Demo Kit (Floppy Diskk)
555-006-704	1	Pollable Storage Unit
555-007 AT&T FAX Attendant System™ (for Software Release 2.1.1)		
555-007-100	1	System Manager's Guide
555-007-101	1	Planning Guide
555-007-102	1	User's Guide
555-007-103	1	Installation and Maintenance
555-007-104	1	FAX Attendant System Planning R2.1.1 Forms
555-007-200	1	FAX Attendant System 25 Switch Notes
555-007-201	1	System 75 Switch Notes
555-007-202	1	System 85 Switch Notes
555-015 DEFINITY®, System 75 and System 85 Terminals and Adjuncts		
555-015-030	2	MSP-1 Power Supply Installation Instruction Manual (CIB)
■ 555-015-031	1	PBX Systems 1145A1 Power Arrangement
555-015-102	2	7410D Voice Terminal — Installation Instructions
555-015-103	2	7434D Voice Terminal Installation Instructions Installation and Test
555-015-105	1	2500 Tel. Set — Installation Instructions
555-015-116	1	S202A Speakerphone Installation and Instruction and User Guide (4/89)
555-015-117	1	Safety Instructions — All Line-Powered Telephones
555-015-119	1	5201A Speakerphone — Installation Wiring

Number	Issue	Subject
555-015-120	2	S203 Speakerphone Installation and User Guide (4/90)
555-015-121	1	507 Adapter Instruction for Installation and General Use (4-91)
555-015-122	1	7406 B15 Wall Kit — Installation Instructions
555-015-131	2	8102 and 8110 Telephones \m User's Manual
555-015-134	1	QUORUM® CS201A Speakerphone User's Guide
555-015-140	1	7402 Plus Voice Terminal — Installation Instructions
555-015-150	1	3530D FAX Installation, Maintenance, and Testing Manual
555-015-151	1	FAX 3500D/3520D Installation and Maintenance
555-015-152	1	FAX 3500D/3520D Field
555-015-160	1	DEFINITY CALLMASTER® II — Voice Terminal User and Installation Instructions
555-015-161	2	DEFINITY CALLMASTER II Instructions for Programming
555-015-164	2	8403, 8410, and 8434 Voice Terminal Installation Instruction (for install, switch administration, and program options)
555-015-168	1	DEFINITY CALLMASTER® II & III — Voice Terminal User and Installation Instructions (8-94)
555-015-169	1	DEFINITY CALLMASTER® II & III — Voice Terminal Instructions for Programming Options (8-94)
555-015-176	1	5202A Speakerphone Installation — Instructions and User's Guide
555-015-201	6	DEFINITY Communications System and System 75, System 75XE, and System 85 — Terminals and Adjuncts — Reference Manual
555-015-711	1	7404D Voice Terminal — User's Manual
555-015-712	2	7404D Messaging Cartridge — User's Manual
555-015-716	4	CALLMASTER Digital Voice Terminal — User's Guide
555-015-724	1	8403/10/34/34DX Installation
555-015-750	1	3530D FAX — User's Guide
555-015-780	1	QUORUM Conference Room System II — User's Guide
555-015-904	1	FAX 3510D Audio Cassette
555-015-905	1	FAX 3510D Video Tape

555-016 PC/PBX (Personal Computer/PBX)

555-016-101	4	PC/PBX Platform — Installation and Reference
555-016-102	3	PC/ISDN Platform Installation
Addendum	1	
555-016-103	1	PC/ISDN Interface Software
555-016-201	1	Connection R3 — Installation and Maintenance
555-016-709	1	7401D Telephone PC/PBX Connection
555-016-711	1	PC6300 — Quick Guide
555-016-713	1	Asynchronous Terminal Emulation — Quick Guide
555-016-715	1	Connection Release 3.0 Set Package
555-016-720	1	AT&T PC/PBX with Fast Call User's Guide
555-016-761	1	Office-By-Touch — Electronic Document Communications — User's Guide

555-017 3B2 System

555-017-101	2	DCP — Installation and Administration

555-020 Data Modules

555-020-101	1	Installing the 7400A or Z7500A Data Module in a Z77A Data Mounting — Instructions
555-020-706	2	7400A Data Module — User's Manual
Addendum	2	
555-020-707	1	7400B — User's Guide
Addendum	1	
555-020-708	2	7400A Data Module — Modem Pool — Installation Guide
555-020-711	1	Definity® High Speed Link User Manual (3-27-92)

555-021 ISDN (Integrated Services Digital Network) Terminal Equipment

555-021-101	3	Terminal Installation and Test

Number	Issue	Subject
555-021-102	1	Installing the 7500A or Z7500A Data Module in a (Z)77A Data Mounting
555-021-103	2	D-Kit for EPROM Replacement, 7505, 7506, and 7507 Terminals — Installation Instructions
Addendum	1	
555-021-501	1	ISDN 7506/7507 CPE Terminal Administration Guide for Standard ISDN-1
555-021-702	1	7507 Display Terminal — User's Manual
555-021-703	2	7500 Data Module — User's Manual
555-021-704	1	7514 Voice and Data Terminal — User's Manual
555-021-705	1	6504 Key Telephone — User's Manual
555-021-706	1	6508 Key Telephone — User's Manual
555-021-707	1	Asynchronous Data Module for 7505/7506/7507 — Quick Reference Guide
555-021-708	2	Asynchronous Data Module for 7505/7506/7507 Voice Terminals — User's Manual
555-021-709	1	Using the Display on Your 7500 Data Module
555-021-710	2	310A1-A Attendant Console — User's Manual
555-021-711	2	6504A/T — User's Manual
555-021-712	2	ISDN 6508 Display Terminal — User's Manual
555-021-714	2	7505/7506 Voice Terminal User's Guide
555-021-715	1	7507D Voice Terminal — User's Guide
555-021-716	1	7505/7506/7507 — FP2 Asynchronous Data Module — User's Manual
Addendum	1	
555-021-717	1	ISDN 7500B Data Module — User's Manual
555-021-718	1	7505/7506/7507 Asynchronous Data Module Feature Package 2 — Quick Reference Guide
555-021-719	1	ISDN 7500B Data Module — Quick Reference Guide
555-021-720	6/88	7A Direct Interface Unit — User's Manual
■ Addendum	9/91	
555-021-723	1	7A Direct Interface Unit for OSPS Applications
555-021-724	1	9A Direct Intelligent Interface 2 (DII2) — User Guide
555-021-728	1	ISDN 8503T Voice Terminal Feature Package 3 — Users Manual
555-021-729	1	SDN Administration FP3 User's Manual (2-21-92)
555-021-730	2	ISDN 8500 Series Display Terminal User Manual
555-021-731	1	ISDN 7505 Modular Terminal and ISDN 7506 Display Terminal — User's Manual (6-92)
555-021-732	1	ISDN 7507 Display Terminal User's Manual FP3
555-021-733	1	Integrated Services Attendant Console Model 311A User Guide (6-92)
555-021-734	1	National Integrated Services Digital Network (ISDN-2) 7506/7507 User's Manual With Standard ISND-1 (1-93)
555-021-735	1	ISDN 8510T Voice Terminal Soft Keys — Quick Reference Guide
555-021-736	1	ISDN 8510T Voice Terminal Feature Package 3 — User's Manual (1-93)
555-021-740	1	PACKIT/6 ISDN PAD User's Guide
555-021-744	1	PACKIT/6 ISDN PAD Feature Release 2 Quick Reference Guide
555-021-746	2	PACKIT/6 & PACKIT/30 ISDN PAD Feature Release 3 — Installation, Administration, and Maintenance
555-021-747	1	PACKIT/6 & PACKIT/30 ISDN PAD Feature Release 3 — User's Guide Guide
555-021-750	1	7500 Series Voice Terminal — Installation (BCS/ET Course #VT800)
555-021-751	1	7500 Series Voice Terminal - Maintenance (BCS/ET Course VT801)
555-021-758	1	ISDN 8520T Voice/Data Terminal FP3 User Manual

Number	Issue	Subject
555-021-759	1	ISDN 10 Voice Terminal FP3 User Guide
555-021-760	3	AT&T ExpressRoute Digital Adapter 1000/2000 Feature Release 6.0 Technical Reference
555-021-762	1	AT&T ExpressRoute Digital Adapter 1000/2000 Feature Release 6.0 User's Guide
555-021-775	1	ISDN 10 Voice Terminal Installation Guide

555-025 System 75 and System 85 Network and Data Services

Addendum	1	
555-025-101	4	DEFINITY Communications System and System 75 and System 85 — DSI/DMT/ISDN-PRI Reference
555-025-102	1	DEFINITY ISDN Basic Rate Interface— Technical Reference
555-025-103	1	DEFINITY Communications System DS1/CEPT1/ISDN PRI Reference
555-025-107	1	DEFINITY G2.2 and 3V2 DS1/CEPT1/ISDN PRI Reference
555-025-201	4	AT&T Network and Data Connectivity
Addendum	2	
555-025-203	1	Adjunct/Switch Application
555-025-204	3.2	DMI Specification Issue 3.2
555-025-205	1	System 75 and System 85 Application Notes — Trunk Signaling and Transmission
Addendum	1	
555-025-301	1	Network Connectivity — The Integration of Voice and Data
555-025-400	2	Remote Port Security Device — User's Manual
555-025-600	3	BCS Products Security Handbook
555-025-601	2	BCS Products Security Kit
555-025-704	2	AT&T System 25, System 75, and DIMENSION® PBX 400/600/2000 — AUTOVON Operations
Addendum	2	
555-025-901	2	Connectivity Certification — Multivendor Configuration (Binder)

555-027 Group Video and Multipoint Control Unit

555-027-711	1	Group Video Installation and Test
555-027-712	1	Group Video Maintenance
555-027-713	1	Group Video User's Manual
555-027-714	1	Group Video Quick Reference
555-027-721	3	Multipoint Control Unit System Description
555-027-725	3	Multipoint Control Unit Reservations Agent Manual
555-027-727	3	Multipoint Control Unit System Administration and Reports

555-030 3270 Data Modules

Addendum	1	
555-030-701	1	3270 Data Module — User's Manual
Addendum	1	
555-030-702	1	3270A Data Module — User's Guide
Addendum	1	
555-030-703	1	3270T Data Module — User's Guide
Addendum	1	
555-030-704	1	3270 Data Module — User's Manual
Addendum	1	
555-030-705	1	3270T Data Module
555-030-706	2	ISDN 7506 Integrated Data Module — Reference Manual
555-030-707	2	ISDN 3270 Coax Data Module — Reference Manual
555-030-708	2	ISDN 3270 Integrated Data Module — Quick Reference Card
555-030-709	2	ISDN 3270 Coax Data Module — Quick Reference Card
555-030-710	2	ISDN 3270 CDM/7506 IDM ASCII Emulation Keyboard Mapping — User Card

Number	Issue	Subject
555-035 Implementation Guidelines for Communications System		
555-035-010	1	DEFINITY Communications System Overview — Course #VT700
Addendum	1	
555-035-100	1	System Installation Quality Guide
555-035-105	1	System 75 XE Upgrade to DEFINITY Generic 2 (Video)
555-035-202	1	Cross-Product Applications — System 75/System 85, and ISN Applications Guide
555-035-203	2	AT&T 7400B Data Module — PC Applications Guide
555-035-301	4	Enhanced Power System Product Manual
555-035-501	3	DEFINITY Communications System and System 85 HOME AGENT Application,Installation, and Operation
555-035-705	3	DEFINITY Communications System and System 85 HOME AGENT Application — Home Agent's Instructions
555-035-706	3	DEFINITY 85 HOME AGENT Summary of Commands
555-035-751	3	DEFINITY Communications System and System 85 HOME AGENT Application — Trainer's/Supervisor's Guide
555-035-801	1	DEFINITY Communications System and System 75/85 — Facsimile Applications — Application Notes
555-035-802	1	DEFINITY System 85 Call-By-Call Service Selection Application Notes
555-035-803	1	DEFINITY Communications System and System 75/85 — Hands-Free Applications — Application Notes
555-035-804	1	DEFINITY Communications System — Video Teleconferencing — Application Notes
555-035-805	1	DEFINITY Communications System — ISDN-PRI — Application Notes
555-035-806	2	DEFINITY Communications System and System 85 — MPDM V.35 Bit-Inversion Cable — Application Notes
555-035-807	1	DEFINITY Communications System — Generic 2 and System 85 — Call Vectoring— Application Notes
555-035-808	1	DEFINITY Communications System and System 75 and System 85 — Call Centers— Application Notes
555-035-809	1	DEFINITY Communications System and System 75 and System 85 — Used as a D4/MUX or ISDN Controller— Application Notes
555-035-810	1	DEFINITY World Class Routing— Application Notes
555-037-202	1	System 85 R2V4 DSI Port to 4ESS™ With ACCUNET® Switched 56 Service
555-037-203	1	System 85 R2V4 to 4ESS™ With MEGACOM® & MEGACOM 800
555-037-204	1	System 75 R1V3 to 4ESS With ACUNET Switched 56 Service
555-037-205	1	System 75 R1V3 to 4ESS With MEGACOM® & MEGACOM 800 Service
555-037-206	1	System 85 R2V4 to System 75 R1V3 Via DSI Tie Trunk
555-037-207	1	System 75 Data Line DLC to ISN AIM
555-037-208	1	System 85 R2V3 & R2V4 to 3B2 With 3B2 CMS
555-037-209	1	System 75 to 3B2/600 With CSM V4
555-037-210	1	System 85 to AUDIX®
555-037-211	1	System 75 R1V3 to 3B2 With 3B CMS
555-037-212	1	System 75 to 3B2/600 With CMS
555-037-213	1	System 75 to AUDIX
555-037-214	1	System 85 R2V4 to 740 Multiplexer
555-037-215	1	System 85 R2V4 to 551 CSU
555-037-216	1	System 85 R2V4 to DR34N Microwave
555-037-217	1	System 75 RN3 to 740 Multiplexer
555-037-218	1	System 75 R1V3 to 551 CSU
555-037-219	1	System 75 R1V3 to DR23 Microwave
555-037-220	1	ISN Fiber Interface Module to ISN FIM

Number	Issue	Subject
555-037-221	1	ISN Trunk Interface Module to ISN TIM
555-037-222	1	3B2/600 to 94A LSU With CSM V4
555-037-223	1	3B2/600 to 93B Poller CMDR With CSM V4
555-037-224	1	3B2 to Printers and Terminal with CSM R1V2, V4
555-037-225	1	551 CSU to Local Exchange T1 Facility
555-037-226	1	DPII 740/741 ACCULINK® Multiplexer to DATAPHONE® II
555-037-227	1	DPII 740/741 Multiplexer to DPII 740/741 Multiplexer
555-037-228	1	DPII 740/741 Multiplexer to DATAPHONE II 745 Multiplexer
555-037-229	1	DPII 740/741 ACCULINK® Multiplexer to D4 Channel Bank
555-037-230	1	DPII 741 Multiplexer to DPII 2656 DSU
555-037-231	1	DPII 745 Multiplexer to DPII 745 Multiplexer
555-037-232	1	System 85 R2V4 to 4ESS Via ISDN Primary Rate Interface (PRI) Access
555-037-233	1	System 85 R2V4 to DEFINITY Generic 1.1 Via ISDN PRI
555-037-234	1	DEFINITY Generic 1.1 to 4ESS VIA ISDN PRI Access
555-037-235	1	DEFINITY Generic 2 to 4ESS VIA ISDN PRI Access
555-037-236	1	System 85 R2V4 to ESF T1 CSU
555-037-237	1	ESF T1 CSU to T1 Facility
555-037-238	1	DEFINITY Generic 1 & 2 Product Interfaces REF DCS
555-037-299	4	DEFINITY Generic 1 & 2 Index Product Interfaces Reference Series

555-045 Universal Turret/Universal Turret "PLUS"

Number	Issue	Subject
555-045-601	1	Turret VX Series — Planning and Configuration Guide
Addendum	1	
555-045-901	1	Turret VX Series — Marketing Guide

Number	Issue	Subject

555-1 System 85 and DEFINITY Generic 2 Communication System

555-101 Release 2 Versions 1 and 2

❑■	555-100-130	1	Roadrunner Source Book — System 85 Note: Replaced by 555-230-130
	555-101-107	3	Versions 1 and 2 — Feature Translations — Service Manual
	Addendum	1	
	555-101-108	2	Versions 1 and 2 — Maintenance — Service Manual
	555-101-114	2	Version 2 — X-Ray Tests — Service Manual
	555-101-411	1.7	Change Description R2V2 1.1
	555-101-413	1.3	Change Description R2V2 1.3
	555-101-414	1.4	Change Description R2V2 1.4
	555-101-415	1.5	Change Description R2V2 1.5
	555-101-417	1	Change Description R2V2 Issue 1.7
	555-101-418	1	Change Description R2V2 Issue 1.8

555-102 Release 2 Versions 1, 2, and 3

	555-102-105	1	X-Ray Tests — Service Manual — R2V3
	555-102-107	2	Feature Translations — Service Manual — R2V3
	555-102-108	2	Maintenance — Service Manual — R2V3
	555-102-201	1	System Description — Reference Manual
	555-102-301	1	Features — Reference Manual
	555-102-411	1.1	Change Description (Delta Document) — R2V3 Issue 1.1
	555-102-412	1.2	Change Description R2V2 1.2
	555-102-413	1.3	Change Description R2V3 1.3
	555-102-414	1.4	Change Description R2V3 1.4
	555-102-415	1.5	Change Description R2V3 1.5
	555-102-416	1.6	Change Description R2V3 1.6
	555-102-501	1	SMT Administration Management — User's Guide — R2V3
	555-102-502	2	Traffic Data Analysis Guide
❑	Addendum	1	
❑	555-102-503	1	PBX Traffic Analysis — Trunking Tables NOTE: Replaced by 555-104-503

Number	Issue	Subject
555-102-603	1	Equipment Room Floor Plans and Specifications — Planning Manual — R2
555-102-621	1	System 85 Customer Mechanized Interface Implementation
555-102-751	1	Feature Facts

555-103 Release 2 Versions 1, 2, 3, and 4

Number	Issue	Subject
555-103-021	2	Reliability and Maintenance
555-103-102	1	Reliability and Maintenance
555-103-108	1	Maintenance (R2V4)
555-103-109	1	System Tests (R2V1 — R2V4)
555-103-120	1	Electrical Protection, Grounding, and Exposure Checklist
555-103-412	1.2	System 85 Change Description R2V4
555-103-413	10/89	System 85 Change Description R2V4 Issue 1.3
555-103-420	1/90	System 85 Change Description R2V4 Issue 2.0
555-103-421	2.2	System 85 Change Description R2V4 Issue 2.2 — Incremental Issue
555-103-501	2	SMT Administration Management (R2V4)
Addendum	2	
555-103-502	1	Traffic Data Analysis Guide
555-103-506	2	Administration Procedures (R2V4)
555-103-507	1	System 85 Administration Procedures
555-103-508	1	System 85 R2V4N Transition Guide
555-103-509	1	System 85 R2V4N Supplement to Administration of Features and Hardware
555-103-521	1	DCIU (Data Communications Interface Unit) — Application Notes
555-103-522	1	EIA (Electronic Industries Association) EIA Port Administration Notes
555-103-523	1	CALLMASTER Digital Voice Terminal — Application Notes
555-103-614	1	Input Guide
555-103-621	2	Customer Mechanized Interface
555-103-901	1	Provisioning Manual
555-103-920	1	Electronic Library Performance Aid

555-104 DEFINITY Communications System And System 85 Generic 2.1

Number	Issue	Subject
555-104-010	1	DEFINITY Generic 2 Documentation Guide
555-104-020	1	Introduction to AT&T System 85-R2V5
■ 555-104-104	3	DEFINITY Generic 2 Installation (2 Vols.)
555-104-111	2	DEFINITY Generic 2 Upgrades
555-104-120	1	Electrical Protection, Grounding, and Exposure List
555-104-203	1	Pocket Reference
555-104-411	10/89	DEFINITY Communications Systems — Change Description — Generic 2.1 Issue 1.1 — Incremental Issue
555-104-412	1/90	DEFINITY Communications Systems — Change Description — Generic 2.1 Issue 1.2 — Incremental Issue
❶ 555-104-420	2.0	DEFINITY Communications System — Change Description — Generic 2.1
555-104-421	2.1	DEFINITY Communications System — Change Description — Generic 2.1 Issue 2.1
555-104-430	1	DEFINITY Communications System — Change Description — Generic 2.1 Issue 3.0
555-104-431	1	DEFINITY Communications System — Change Description — Generic 2.1 Issue 3.01
555-104-433	1	DEFINITY Communications System — Change Description — Generic 2.1 Issue 3.03
555-104-480	2	DEFINITY Communications System — Software Changes — Generic 2.1 Issue 2.0
555-104-481	1/91	DEFINITY Communications System — Generic 2.1 Issue 3 Letter
555-104-482	1	DEFINITY Communications System — Generic 2 Issue 2/3 Job Aid
555-104-483	1	DEFINITY Communications System — Change Description — Generic 2.2 Issue 2
Addendum	2	
555-104-502	1	Traffic Analysis Measurements (R2V5)

Number	Issue	Subject
555-104-503	1	Traffic Tables
555-104-504	1	Traffic Theory
555-104-505	3	DEFINITY Manager II Operation (3-6-92)
Addendum	1	
555-104-506	2	Administration Procedures
Addendum	1	
555-104-507	2	DEFINITY Generic 2 Administration of Features and Hardware
555-104-508	--	Basic Traffic Analysis
555-104-520	1	DEFINITY Generic 2.1 Precedence Calling Autovon Access
555-104-535	1	DEFINITY Manager II Command Summary
555-104-536	1	Basic Traffic Analysis '
555-104-603	1	Equipment Room Floor Plans and Specifications
555-104-621	1	Customer Mechanized Interface — User's Guide
555-104-630	2	DEFINITY Generic 2 Wiring
555-104-702	2	DEFINITY Generic 2 7406D Voice Terminal — User's Guide
555-104-705	2	DEFINITY Generic 2 7407D Voice Terminal — User's Guide
555-104-706	2	DEFINITY Generic 2 2500 Telephone — User's Guide
555-104-709	3	7434D Voice Terminal — User's Guide
555-104-712	1	7401D Voice Terminal — User's Guide
555-104-715	3	7102A Voice Terminal — User's Guide
555-104-716	2	7410D Voice Terminal — User's Guide
555-104-717	2	DEFINITY Generic 2 and 85 YMGK Telephone Set — User's Guide
555-104-718	1	S201A and S202A Speakerphones — User's Guide
555-104-719	2	ISDN 7505, 7506, and 7507 Terminal — User's Guide
555-104-721	2	DEFINITY Generic 2 and System 85 7406 BIS Voice Terminal User Guide (4-90)
❶ 555-104-723	1	DEFINITY Communications System Generic 2 and System 85 Enhanced 7407D (7407D02C) — Voice Terminal User's Guide
555-104-724	1	DEFINITY SYSTEM 85 7402 + Voice Terminal — User's Guide
555-104-730	1	Attendant Console — User's Guide
555-104-732	1	Voice Terminal Operation
555-104-740	1	DEFINITY SYSTEM G2 and 85 7401+ Voice Terminal — User's Guide
555-104-741	1	7406 Plus Voice Terminal — User's Guide
555-104-742	1	DEFINITY Generic 2 and System 85 7407 Plus Voice Terminal — User Guide
555-104-743	1	7410 Plus Voice Terminal — User's Guide
555-104-744	1	DEFINITY Communications System Generic 2 and System 85— 7444 Voice Terminal User's Guide
555-104-746	1	DEFINITY Generic 2 & 85 8102 & 8110 Telephone User Guide
555-104-748	1	8102 and 8110 Telephone — User's Guide
555-104-761	1	DEFINITY G2 and System 85 8403 Voice Terminal User Guide (9-93)
555-104-762	1	DEFINITY G2 and System 85 8403 Quick Refereance Guide (9-93)
555-104-763	1	DEFINITY G2 and System 85 8410 Voice Terminal User Guide (1/94)
555-104-764	1	DEFINITY G2 and System 85 8410 Voice Terminal Quick Reference Guide (12/93)
555-104-765	1	DEFINITY G2 and System 85 8434 Voice Terminal User Guide (5/94)
555-104-766	1	DEFINITY G2 and System 85 8434 Voice Terminal Quick Reference Guide (4/94)
555-104-767	1	DEFINITY G2 and System 85 8434DX Voice Terminal User Guide
555-104-768	1	DEFINITY G2 and System 85 8434DX Voice Terminal Quick Reference Guide

Number	Issue	Subject
555-105 DEFINITY Communications System Generic 2.2		
555-105-117	1	DEFINITY G2 Maintenance Procedures
555-105-118	1	DEFINITY G2 Maintenance Repair
555-105-201	1	DEFINITY G2 System Description
Addendum	1	
555-105-301	1	DEFINITY G2 Feature Description
555-105-401	1	DEFINITY G3 V2 Issue 4.5 Change Description
Addendum	1	
555-105-506	1	DEFINITY G2.2 Administration Procedure
Addendum	1	
555-105-507	1	DEFINITY G2 Administration Feature and Hardware
Addendum	1	
555-105-531	1	DEFINITY G2 World Class Routing Implementation
555-105-713	1	DEFINITY G2 System 85 Automatic Call Distribution
555-105-714	1	DEFINITY G2 and 85 ACD Supervisor Instructions
555-2 System 75, 75XE, and DEFINITY Communications System Generic 1, 2, 3		
555-200 System 75 Release 1 — General Information		
Introduction		
555-200-024	2	Introduction to DEFINITY Communications System — Generic 1
555-200-026	1	Introduction to DEFINITY Communications System — Generic 1 — Hospitality Services
Installation/Test/Maintenance/Source		
Addendum	1	
555-200-104	5	System 75 — Installation and Test — Service Manual, RIV1, 2, 3
555-200-105	5	System 75 — Maintenance Service Manual
555-200-106	5	Service Manual — Upgrades and Additions
Addendum	1	
555-200-111	2	75XE Wiring Guide — Service Manual
555-200-112	1	Wiring — Pocket Reference
555-200-120	1	Electrical Protection Grounding, and Exposure Checklist
❑■ 555-200-130	7/91	Roadrunner Source Book — System 75 Note: Replaced by 555-230-130
System/Feature Descriptions		
555-200-200	5	System 75 — System Description — Reference Manual
■ Addendum	2	
555-200-201	6	DEFINITY Communications System — Generic 1 — Feature Description — Reference Manual
Addendum	1	
555-200-202	7	AT&T DEFINITY Generic 1 and System 75 — Pocket Reference
555-200-497	2	System 75 — Enhanced — R1V3
555-200-498	1	New and Enhanced Features — R1V2
Addendum	1	
555-200-499	5	DEFINITY Communications System Generic 1 — Administration and Measurements Reports
Addendum	1	
555-200-500	5	Definity G1 and System 75/75XE — Administration and Measurements Reports
555-200-501	1	System 75 R1 V3N North American Number Plan (NANP) (Description (7-93)
555-200-502	1	DEFINITY Communications Systems R1.1n North American Number Plan (NANP) — Description and Administration (7-93)
555-200-553	1	Management Fundamentals 3
555-200-555	1	System 75 — System Management Fundamentals — Data Management
Planning		
555-200-600	5	DEFINITY Communications System Generic 1 and System 75 — Planning/ Configuration Manual

Number	Issue	Subject
555-200-650	1	Implementation Manual — R1V1
555-200-651	3	Implementation Manual — R1V2
555-200-652	3	System 75 — Implementation Manual — R1V3
555-200-660	2	Traffic Data Analysis Guide — R1V3
Peripherals Operation		
Addendum	1	
555-200-700	5	DEFINITY Communications Systems — Generic 1 Console Operation — User's Guide
555-200-701	5	DEFINITY Communications System — Generic 1 and System 75 — Voice Terminal Operations — User's Guide
555-200-702	5	System 75 — 2500 Telephone Set and 2500 Telephone Set With Message Waiting and Recall — User Instructions
555-200-704	2	System 75 — 7403D and 7405D Voice Terminals — User's Instructions
555-200-705	1	LWC Voiced and Message Retrieval — User Instructions
555-200-706	4	7303S and 7305S Voice Terminals — User's Instructions
555-200-708	1	S101A and S102A Speakerphones — User Instructions
Addendum	1	
555-200-709	1	7101A Voice Terminal — User Instructions
555-200-712	1	Digital Display Module — User Instructions
Addendum	1	
555-200-715	1	7404D Voice Terminal — User Instructions
555-200-716	4	7407D Voice Terminal — User Instructions
Addendum	1	
555-200-717	1	7103A Voice Terminal (Programmable) — User Instructions
555-200-719	3	7406D LCDT Voice Terminals — User's Guide
555-200-722	2	Automatic Call Distribution — Agent Instructions
555-200-723	2	Hospitality Operations — User's Guide
555-200-724	2	Automatic Call Distribution — Supervisor Instructions
555-200-727	4	System 75 — 7401D Voice Terminal — User's Guide
555-200-728	4	System 75 — 7102A Voice Terminal — User's Instructions
555-200-731	1	Customer Troubleshooting Guide
555-200-732	3	System 75 — 7410D Voice Terminal — User's Guide
555-200-733	3	System 75 — 7434D Voice Terminal — User's Guide
555-200-734	1	YMGK Telephone — User's Guide
555-200-735	1	DEFINITY Generic 1 and System 75 S201A/S202A Telephone
555-200-737	1	System 75 — 7406BIS Voice Terminal — User's Guide
555-200-738	1	System 75 — Enhanced 7407D (7407DOZC) Voice Terminal — User's Guide
555-200-739	1	
555-200-751	1	DEFINITY Communications System Generic 1 — 7313H, 7314H, 7315H, 7316H and 7317H — Voice Terminal User's Guide
555-200-755	1	5201A and 5202A Speakerphones — User's Guide
555-200-901	--	System 75 V3N Documentation
555-200-902	--	System 75XE V3N Documentation
555-200-925	1	Property Management System — DEFINITY — Generic 1 and System 75 — Interface Specification
555-200-930	1	Hard Patch Feature Specification and Procedural Issues — DEFINITY Communications System Generic 1

555-201 System 75XE

	Addendum	1	
	555-201-106	1	Upgrades & Additions
❑■	555-201-130	9/91	Roadrunner Source Book — System 75XE Note: Replaced by 555-230-130
	555-201-200	3	System Description
	555-201-201	1	Netware PBX DRI INT
	555-201-202	1	Netware API
	555-201-203	1	Netware DEF
	555-201-205	1	Netware TRB
	555-201-501	1	Passageway Telephone Services Network Managers Guide (7-94)

Number	Issue	Subject
555-201-502	1	Passageway Definity Network Manager Guide (7-94)
555-201-701	1	Netware SIM
555-201-702	1	Passageway Telephone Services Network User Guide (7-94)

555-204 DEFINITY Communications System Generic 1

Addendum	1	
555-204-105	6	DEFINITY G1 and 3 Maintenance Packet Bus Supplement (7-93)
Addendum	2	
555-204-106	2	Upgrades and Additions
Addendum	1	
555-204-190	1	DEFINITY G2I Global Upgrades and Additions
555-204-411	1	Change Description — Software — Issue 1.0 to 1.1
555-204-412	1	Software Changes for Generic 1.1 — Issue 1.1 to 1.2
555-204-413	1	Software Changes for Generic 1.1 — Issue 2.0 to Issue 3.0
555-204-414	1	Software Changes for G1.1 — Issue 3.0 to Issue 3.1
555-204-415	1	Software Changes for Generic 1.1 — Issue 3.1 to Issue 4.0
555-204-416	1	Software Changes for Generic 1.1 — Issue 4.0 to Issue 5.0
555-204-417	1	Software Changes for Generic 1.1 — Issue 5.0 to 5.1
555-204-418	1	Software Changes for Generic 1.1 — Issue 5.1 to 6.0
555-204-419	1	Software Changes for Generic 1.1 — Issue 6.0 to 6.1
555-204-420	1	Software Changes for Generic 1.1 — Issue 6.1 to Issue 7.0
555-204-421	1	DEFINITY Software Changes for Generic 1 Issue 7.1
555-204-422	1	DEFINITY Software Changes for Generic 1 Issue 7.2
555-204-440	2	International DEFINITY Generic 1 Supplemental Information
Addendum	1	
555-204-498	1	Enhancements
555-204-499	1	Capabilities
555-204-510	1	DEFINITY System Reports G1 and G3i (1-31-92)
555-204-590	1	DEFINITY G3I Global System Reports Supplements
Addendum	3	
555-204-654	2	Implementation — Generic 1.1
555-204-716	1	7407D Voice Terminal — User's Guide
555-204-719	2	7406D Voice Terminal — User's Guide
555-204-727	2	7401D Voice Terminal — User's Guide
555-204-728	3	7102A Voice Terminal — User's Guide
555-204-732	2	7410D Voice Terminal — User's Guide
555-204-733	1	7434D Voice Terminal — User's Guide
555-204-734	1	DEFINITY Generic 1 2500 YMGK Telephone User Guide
555-204-737	1	7406B15 Voice Terminal — User's Guide
555-204-738	1	Enhanced 7407D (7407DOZC) Voice Terminal — User's Guide
555-204-740	2	7401 Plus Voice Terminal — User's Guide
555-204-742	1	7407 Plus Voice Terminal — User's Guide
555-204-750	1	DEFINITY Generic 1 7505, 7506, and 7507 Voice Terminal User Guide

555-209 System 75 Application Notes

555-209-002	1	Network Services
555-209-003	2	Distributed Communications System
555-209-004	1	Bridging
555-209-006	3	7406D Voice Terminal
555-209-007	1	Modem Pooling
555-209-008	2	TN-726 Data Line Circuit Pack
555-209-010	1	CALLMASTER™ Digital Voice Terminal
555-209-011	1	7401D Voice Terminal
555-209-012	1	7434D Voice Terminal
555-209-013	1	Automatic Call Distribution
555-209-014	1	Outgoing Call Management
555-209-017	1	System 75 RIV2 and RIV3 7400B Data Module

Number	Issue	Subject
555-230 DEFINITY Communications System Generic 1 and Generic 3		
555-230-021	1	DEFINITY Introduction to Hospitality (1-30-92)
555-230-023	1	An Introduction to DEFINITY Communications System Generic 3 V2
Addendum	1	
555-230-104	4	DEFINITY G1 and G3 — Installation and Test (6-93)
Addendum	1	
555-230-105	3	DEFINITY Communications System Generic 3 Maintenance (2 Volumes)
555-230-106	1	DEFINITY Communications System Generic 3r Upgrades and Additions
Addendum	1	
555-230-107	1	DEFINITY Communications System Generic 3 V1.1 and V2 Upgrades and Generiac 3 Additions — Volume 1 and 2 (6-93)
■ 555-230-130	4/93	Roadrunner Source Book — DEFINITY Note: This replaces 555-200-130 (System 75), 555-201-130 (System 75XE), and 555-100-130 (System 85)
555-230-193	1	DEFINITY Generic 1&2&3 V1&2 Integrated CSU Module Installation and Operation (12-93)
Addendum	3	
555-230-200	3	DEFINITY Communications System Generics 1 and 3 System Description and Specifications
Addendum	4	
555-230-201	3	DEFINITY Generics 1 and 3I Feature Description
555-230-202	1	DEFINITY Generics 1 and 3 Pocket Reference
555-230-203	1	DEFINITY Communications System Generic 3i — Global Feature Description (12-92)
Addendum	2	
555-230-204	1	DEFINITY Generic 3 Feature Description
555-230-205	1	DEFINITY Generics 1 and 3I Feature Description
Addendum	1	
555-230-206	2	DEFINITY Generic 3 System Description and Specifications
■ 555-230-220	3	DEFINITY Generic 3 CALLVISOR™ ASAI Technical Reference
■ 555-230-221	3	DEFINITY Generic 3 CALLVISOR ASAI Protocol Reference
Addendum	1	
555-230-222	3	DEFINITY Generic 3 CALLVISOR ASAI Planning Guide
555-230-230	1	DEFINITY Communications System Generic 3 V2 Wideband Technical Reference (7-93)
555-230-250	1	DEFINITY Communications System Enhancements Addendu to Generic 3 V2 July 1993 (10-18)
555-230-430	1	DEFINITY Software Changes for Generic 3i — Issue 1.0 to 2.0
555-230-431	1	DEFINITY Software Changes for Generic 3i — Issue 2.0 thru 4.0
555-230-432	1	DEFINITY Software Changes for Generic 3i — Issue 4.0 thru 6.0
555-230-433	1	DEFINITY Software Changes for Generic 3i — Issue 7.0
555-230-434	1	DEFINITY Software Changes for Generic 3 V1.2
555-230-435	1	DEFINITY Software Changes for Generic 3 — Issue 2.1
555-230-436	1	DEFINITY Software Changes for Generic 3 V7.1
555-230-452	1	DEFINITY G3R DG3R01.05.4.00.0 Change Description
555-230-453	1	DEFINITY G3R DG3R01.06.7.00.0 Change Description
555-230-455	1	DEFINITY G3R (DG3R01.08.5.00.0) Change Description
555-230-456	3/94	DEFINITY G3V3 Issue 1 Change Description
555-230-458	1	DEFINITY G3V3 Issue 2 Change Description (9-94)
555-230-459	1	DEFINITY G3V2 Issue 5.3 Change Description
555-230-460	1	DEFINITY G3V3 Issue 3.0 Change Description
555-230-496	1	DEFINITY G3V2 Capabilities

Number	Issue	Subject
555-230-498	1	DEFINITY G3 Transition Reference
555-230-499	1	DEFINITY Generic 3 Capabilities
Addendum	2	
555-230-500	1	DEFINITY Generics 1 and 3 System Management
555-230-510	2	DEFINITY Communications System Generic 3r System Reports
Addendum	2	
555-230-511	1	DEFINITY Communications System G3V2 Traffic Report
Addendum	1	
555-230-520	3	DEFINITY G3 Call Vectoring Guide
555-230-590	1	DEFINITY G3I Global System Management Supplement
555-230-591	1	DEFINITY G3I Global Call Vectoring Guide Supplement
555-230-600	2	DEFINITY Generics 1 and 3 Planning Configuration
555-230-601	2	DEFINITY Generic 3 Planning and Configuration
555-230-620	1	DEFINITY Communications System Generic 3r Transition Reference
555-230-621	1	DEFINITY Communications System G2 to G3V2 Transition Reference
555-230-630	1	DEFINITY Communications System Generic 1 and Generic 3 Main Distribution Field Design (4-3-92)
555-230-635	1	DEFINITY Communications System G3V2 to G3V3 Transition Reference
Addendum	3	
555-230-650	1	DEFINITY Implementation Guide (1-31-92)
555-230-650B	1	DEFINITY Generic 3 Implementation Forms
555-230-651	2	DEFINITY Communications System Generic 3r Implementation
555-230-651B	2	DEFINITY Communications System Generic 3r Implementation Form
555-230-652	1	DEFINITY G3I Global Implementation Manual (12-92)
555-230-652B	1	DEFINITY G3I Global Implementation Forms (12-92)
Addendum	2	Update to Version 3
555-230-653	1	DEFINITY Communications System Generic 3 Version 2 Implementation
555-230-653B	2	DEFINITY Communications System Generic 3 Version 2 Implementation Blank Forms
555-230-662	1	DEFINITY Front End Dimension System
555-230-700	2	DEFINITY Console Operations G1 and G3 (1-31-92)
555-230-701	1	DEFINITY Voice Terminal Operation G1 and G3 (1-31-92)
555-230-702	1	DEFINITY G1 and G3 2500 Telephone User Guide
Addendum	1	
555-230-704	3	DEFINITY G3 Basic Call Management System (BCMS) Operations
Addendum	2	
555-230-715	1	Integrated Solutions-III System Manager's Guide for DEFINITY (6-93)
555-230-716	2	Integrated Solutions-III Installation and Maintenance for DEFINITY
555-230-722	3	DEFINITY Automatic Call Distribution Automatic Call Distribution Agent Instructions
555-230-723	2	DEFINITY Hospitality Operations G1 and G3
555-230-724	2	DEFINITY Automatic Call Distribution (ACD) Supervisor Instructions
555-230-730	1	DEFINITY G1,2,&3 System 75/85 Voice Terminal Quick Reference Guide
555-230-741	1	DEFINITY G1&3 System 75 7406 Plus Voice Terminal User Guide
555-230-743	1	DEFINITY G1&3 System 75 7410 Plus Voice Terminal User Guide
555-230-744	1	DEFINITY Generics 1 and 3 System 75 7444 Voice Terminal User Guide
555-230-746	2	DEFINITY Generics 1 and 3 System 75 8102 and 8110 Voice Terminal User Guide
555-230-747	2	DEFINITY Generic 1 and 3 8503 Voice Terminal User Guide

Number	Issue	Subject
555-230-748	1	DEFINITY Generic 1 and Generic 3 ISDN 8510t Voice Terminal Users Guide
555-230-750	3	DEFINITY Voice Terminal Docu-Master Kit
555-230-760	1	DEFINITY G1&3 System 75 7402 Plus Voice Terminal User Guide
555-230-761	1	DEFINITY G1&3 System 75 8403 Voice Terminal User Guide
555-230-762	2	DEFINITY G1, G3, and System 75 8403 Quick Reference Guide (10-5-93)
555-230-763	1	DEFINITY G1&3 8410 Voice Terminal User Guide
555-230-764	1	DEFINITY G1&3 and System 75 8410 Voice Terminal Quick Reference Guide
555-230-765	1	DEFINITY G1&3 System 75 8434 Voice Terminal User Guide (5-94)
555-230-766	1	DEFINITY G1&3 System 75 8434 Voice Terminal Quick Reference Guide (4-94)
555-230-767	1	DEFINITY G1&3 System 75 8520T Voice Terminal User Guide (11-93)
555-230-768	1	DEFINITY G1, G2, G3, System 75, 85 MDW 9000 Wireless Telephone User Guide (5-94)
555-230-769	1	DEFINITY G1, G2, G3, System 75, 85 MDC 9000 Cordless Telephone User Guide (5-94)
555-230-773	1	DEFINITY G1, G3, System 75, G2, System 85 8101, 8102, 8110 Voice Terminal Quick Reference Guide (12-93)
555-230-777	1	8403 Voice Terminal User Guide - German
555-230-778	1	8403 Voice Terminal User Guide - EUFR
555-230-779	1	8403 Voice Terminal User Guide - EUSP
555-230-780	1	8410 Voice Terminal User Guide
555-230-781	1	8410 Voice Terminal User Guide - EUFR
555-230-782	1	8410 Voice Terminal User Guide - EUSP
555-230-783	1	8434 Voice Terminal User Guide - German
555-230-784	1	8434 Voice Terminal User Guide - EUFR
555-230-785	1	8434 Voice Terminal User Guide - EUSP
555-230-790	1	DEFINITY G3I Global Console Operations Supplement
555-230-792	1	CALLMASTER II & III Quick Reference - German
555-230-794	1	CALLMASTER II & III Quick Reference - EUROSP
✇555-230-800	2	Advanced Browser-Windows (Diskett package)
✇555-230-801	2	EDS DEFINITY G3V3 Basic Offering (CD-ROM) (8-93)
✇555-230-802	2	DEFINITY G3 Administration (CD-ROM) (6-94)
✇555-230-803	2	DEFINITY G3 Network (CD-ROM)
✇555-230-804	2	DEFINITY G3 Maintenance (CD-ROM)
✇555-230-810	1	Advanced Browser-UNIX® (Diskett package)
555-230-851	1	8403 Voice Terminal User Guide - SPAN
555-230-853	1	8410 Voice Terminal User Guide - LATA
555-230-855	1	8434 Voice Terminal User Guide - LATA
555-230-856	1	Definity G1 & G3 System 75 8434DX Voice Terminal
555-230-860	1	ACD Agent Manual - FRCANADA
555-230-861	1	ACD Agent Manual - LASPANISH
555-230-862	1	ACD Supervisor Manual - FRCANADA
555-230-863	1	ACD Supervisor Manual - LATINSPAN
555-230-865	1	CALLMASTER II & III - LASPAN
555-230-990	--	DEFINITY G3I Kit
555-230-991	--	DEFINITY G3R Kit
555-230-992	--	DEFINITY Maintenance Load G3VS/S/I V1 to G3VS/S/I V1.1
555-230-993	--	DEFINITY Maintenance Load G3R V1 to G3R V1.1
555-230-999	2	GBCS Electronic Documentation Brochure

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Number	Issue	Subject
555-245-201	1	ISDN GTWY Planning Application Development

555-3 ISN (Information Systems Network)

Introduction

555-300-020	3	An Introduction to ISN

Installation/Maintenance

555-300-102	1	DUB/HI Installation Maintenance — Service Manual
Addendum	1	
555-300-111	2	STARWAN® System Installation V.7.0 (and 4.2.4)
555-300-112	2	STARWAN System Maintenance V.7.0 (and 4.2.4)

System Features

555-300-210	2	STARWAN System Reference V.7.0 (and 4.2.4) Reference Manual
555-300-230	1	STARWAN ISN Site Log
555-300-303	1	ISN 3.3 Release — Guide
555-300-400	1	Application Notes
555-300-401	1	ISN 4.1 Release Guide

System Management

555-300-500	1	System Management Manual — R1V2
555-300-501	2	STARWAN System Administration V.7.0 (and 4.2.4)
555-300-502	1	StarKeeper® 1.1
555-300-503	2	STARWAN System Administration Quick Reference V.7.0 (and 4.2.4)
555-300-510	1	Administration Guide DECNET* Bridge (R1V4)
555-300-511	2	Administration Guide — VAX* VMS Host Mux Interface Software (R1V4)
555-300-550	1	Information Screen
555-300-570	1	International Supplement
555-300-571	1	ISN IP Router User Guide
555-300-572	1	ISN TCP/IP Terminal Server User Guide

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Number	Issue	Subject
555-300-574	2	ISN4.2 — Release Guide
555-300-577	1	ISN Interworking Guide

Planning

555-300-600	2	STARWAN Planning Manual — R1V3 V.7.0 (and 4.2.4)
555-300-650	1	Implementation Guide — R1V3.2

System Access R1V3

555-300-700	3	STARWAN User Instructions V.7.0 (and 4.2.4) System Access
555-300-701	2	Quick Reference Card
555-300-750	2	STARWAN — Information Systems Network (ISN) — Master Index V7.0 (and V4.2 Series)

StarKeeper® Network Management System (NMS)

555-300-811	3.2	System Operation and Maintenance Guide
555-300-840	3.2	Input/Output Messages Manual
555-300-860	3.2	Quick Reference Guide
555-300-870	--	StarKeeper Phanton Number to Order 555-300-8XX Series
555-300-915	1	Frame Relay Alternative (Commcode 106752850) (3-92)

555-4 Premises Distribution System

555-400 Introduction/Applications

Introduction

555-400-013	1	Distribution Technical Brochure (12-90)

Dialing Procedures

❑	555-400-601	2	SYSTIMAX® Requirements Survey Note: Replaced by 461-115-008
	555-400-602	2	SYSTIMAX Design Guide
	555-400-701	1	Dialing Procedures for EIA Port Board or Data Line Unit With an ADU — User Reference Card — System 75/85

555-401 SYSTIMAX Data Units/Adapters

❑	555-401-100	2	SYSTIMAX PDS Administration Manual Note: Replaced by 461-115-006

Number	Issue	Subject
555-401-702	2	Multiple Asynchronous Data Unit (MADU) — User Manual
555-401-703	7	SYSTIMAX PDS Z3B1 Synchronous Data Unit (SDU) — Product Manual
555-401-710	6	Premises Distribution System — 365A Adapter Product Manual
555-401-713	2	SYSTIMAX PDS 369A Matching Adapter Production Manual

555-5 System 25

Introductory and Source Information

Number	Issue	Subject
■ 555-500-130	7/91	Roadrunner Source Book — System 25
■ 555-500-432	1	MERLIN LEGEND® Marketing and Sales

555-509 Application Notes

Number	Issue	Subject
555-509-002	1	Application Notes
555-509-030	1	General Dial Up Modem
555-509-035	1	AT&T 2424B Modem
555-509-036	1	Dataphone® 212A Modem
555-509-037	1	AT&T 3B2 Auto Dial
555-509-038	1	AT&T 4425 Modem
555-509-050	1	Apple* Modem 300/1200
555-509-051	1	Hayes Smartmodem 1200
555-509-052	1	Microcom† SX/1200
555-509-055	1	Qubie 212E/1200 Modem
555-509-060	1	Application Notes
555-509-065	1	AT&T TTY Data Term
555-509-070	1	Adds Viewpoint Data
555-509-071	1	Administration Data Display
555-509-073	1	Concept (DH5-108)
555-509-074	1	Data Med Elite 1521
555-509-075	1	Hazeltine (1510)
555-509-076	1	HP Data Terminals
555-509-077	1	Application Note
555-509-150	1	Application Notes
555-509-310	1	System 25 Paging System Application Notes
555-509-401	1	System 25 Basic Trunking
555-509-404	1	System 25 Using RIMS to Administer
555-509-406	1	System 25 Behind Centrex
555-509-408	1	System 25 Using the Automated Attendant to Assist the Regular Attendant

555-520 System 25 R1V2

Installation/Test/Maintenance

Number	Issue	Subject
555-520-011	1	System 25 Customer Training Study Guide
555-520-013	1	System 25 Customer Training Upgrade
555-520-021	1	An Introduction to AT&T System 25
555-520-100	1	Installation and Test Manual
555-520-105	2	Maintenance Manual

References

Number	Issue	Subject
555-520-200	1	Reference Manual — R1V2
555-520-205	1	New Capabilities Manual — R1V2

Administration

Number	Issue	Subject
555-520-500	1	Administration Manual — R1V2

Planning/Administration

Number	Issue	Subject
555-520-600	1	Planning Manual
555-520-662	1	Administration Records

Peripherals Operation

Number	Issue	Subject
555-520-702	1	Single Line Terminal — User Guide
555-520-703	1	Multiline Terminal — User Guide
555-520-704	2	Data Features — User Reference Guide
555-520-707	1	Multiline Single
555-520-708	1	Starlan Network Access
555-520-709	1	Cam User Guide
555-520-710	1	Terminal Operations Manual

555-530 System 25 R2V1

Number	Issue	Subject
555-530-011	1	System 25 Customer Training Super Pack

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Number	Issue	Subject
555-530-014	1	Training Release 2 — Customer Guide
555-530-016	2	Training Release 2 — Instructor's Guide
555-530-018	1	Product Brief — Release 2
555-530-103	1	Installation and Maintenance Manual
555-530-200	1	Reference Manual — R2V1
555-530-205	1	New Capabilities Manual — R2V1
555-530-500	1	Administration Manual — R2V1
555-530-510	1	Advanced Administration User Guide — R2V1
555-530-620	1	Implementation Records
555-530-650	1	Implementation Manual and Administration Records
555-530-701	1	Attend Cons User's Guide
555-530-702	1	Single Line Terminal — User's Guide
555-530-703	1	Multiline Terminal User's Guide
555-530-705	1	Training R2 Display CD/PK
555-530-706	1	SW LP AH User's Guide
555-530-710	1	Terminal Operations Manual
555-530-713	1	Single Line Overlay 25/PK
555-530-715	2	Integrated Solution User's Guide
555-530-716	1	System 25 Guide to the Automated Attendant
555-530-717	1	Remote Access CD; 50 P/PK

555-532 System 25 CMS

555-532-001	1	Focus 25
555-532-110	1	System 25 CMS System Manual (Text and Tabs Only)
555-532-504	1	CMS Installation and Startup
555-532-506	1	Agent CD/10 P/Pkg CMS Planning Guide
555-532-650	1	System 25 CMS Planning Guide

555-535 System 25 Focus

555-535-002	1	System 25 Focus Release 2
555-535-005	1	System 25 Focus December 1989
555-535-007	1	System 25 Focus August 1991

Number	Issue	Subject

555-540 System 25 R3

555-540-011	1	Customer Training Package Containing 11 Different System 25 Documents (5-90)
555-540-013	1	R2 to R3 Upgrade Super Pack (5-90)
■ 555-540-014	1	Customer Training Study Guide (11-89)
■ 555-540-016	1	Instruction Guide (11-89)
Addendum	1	
❶555-540-103	2	Installation and Maintenance Manual R3
Addendum	1	
555-540-200	1	Reference Manual (9-89)
555-540-300	1	System 25 R3C3V Upgrade Package (9-93)
Addendum	1	
555-540-500	1	Administration Release 3 Manual (8-89)
555-540-650	10/89	Administration/Implementation Manual (9-89)
555-540-701	1	Direct Trunk Attendant Console User Guide (6-89)
555-540-702	1	Direct Trunk Attendant Console User Guide (6-89)
555-540-703	1	Multiline Terminal User Guide (6-89)
555-540-706	1	Switched Loop Attendant User Guide (6-89)
555-540-711	1	Cordless Telephone User Guide (6-89)
555-540-715	1	Integrated Solution II User Guide (8-93)
Addendum	1	
555-540-716	1	Integrated Solution III System 25 R3V3 — Installation and Maintenance Manual
Addendum	1	
555-540-717	1	Integrated Solution III System 25 R3V3 — Manager's Guide

555-6 MERLIN LEGEND®

555-600 Index and General System Information

555-600-010	1	MERLIN LEGEND R2 Integrated Solution III System Manager's Guide

Number	Issue	Subject
555-600-130	1	MERLIN LEGEND Feature Module (FM) ISDN/Digital
Salesware		
■ 555-600-201	1	MERLIN LEGEND Folder/Photo Presentation Package
■ 555-600-204	1	MERLIN LEGEND Cordless
■ 555-600-205	1	MERLIN LEGEND Family Photo
■ 555-600-206	1	MERLIN LEGEND MLX Telephone Photo
■ 555-600-207	1	MERLIN LEGEND MLX 10D Photo
■ 555-600-208	1	MERLIN LEGEND MLX 20L Photo
■ 555-600-209	1	MERLIN LEGEND MLX 28D Photo
■ 555-600-210	1	MERLIN LEGEND PFC Photo
555-600-211	1	MERLIN LEGEND Communications System Poster (5/P/tube)
Addendum	1	
555-600-212	1	MERLIN LEGEND R3 Sales Guide (7-94)
Addendum	1	
555-600-629	1	AUDIX VOICEPOWER® Switch — Update Booklet
555-600-710	1	MERLIN LEGEND ATND System Managers Guide
555-600-710FR	1	MERLIN Attendant French— System Administration
555-600-710SP	1	MERLIN Attendant Spanish— System Administration
555-600-711	1	MERLIN LEGEND Attendant Installer's Guide
555-600-711FR	1	MERLIN LEGEND Attendant French— Installation Guide
555-600-711SP	1	MERLIN LEGEND Attendant Spanish— Installation Guide
555-600-712	1	MERLIN LEGEND Attendant — Planning Forms
555-600-720	1	MERLIN LEGEND Issue II Installation and Maintenance Guide
■ Addendum	1	
■ 555-600-721	1	AUDIX Voicepower Planning Guide and Forms
555-600-722	1	AUDIX Voicepower Installation Guide
555-600-723	1	AUDIX Voicepower System — Manager's Guide
555-600-724	1	AUDIX Voicepower System User's Guide (10/P/PK)
555-600-725	1	AUDIX Voicepower Switch — for MERLIN LEGEND
555-600-726	1	MERLIN LEGEND Issue II System Manager's Guide
555-600-727	1	AUDIX VOC Power Planning Guide — Parts, Tools, Test Equipment
555-600-728	1	AUDIX VOC Power AA System Manager Guide — Parts, Tools, Test Equipment
555-600-729	1	AUDIX VOC Power AA Installation and Maintenance Guide
555-600-733	1	MERLIN LEGEND Application Notes Fax
555-600-734	1	MERLIN LEGEND Applications Notes CENTREX
555-600-736	1	MERLIN LEGEND Applications Notes Basic Trunking Concepts
555-600-739	1	MERLIN LEGEND Applications Notes Back Up for Night Service
555-601-010	2	MERLIN LEGEND R2.0 Integrated Solution III — Manager's Guide
555-601-010A	1	Integrated Solution III System Manager Update
Addendum	1	
555-601-011	3	MERLIN LEGEND R2.0 Integrated Solution III — Installation and Maintenance
555-601-100	1	MERLIN LEGEND FAX Attendant System — Manager's Guide R2.0
555-601-100A	1	MERLIN LEGEND FAX Attendant System — Manager's Guide R2.0 Update
555-601-101	1	MERLIN LEGEND FAX Attendant System — User's Guide R2.0
555-601-110	1	MERLIN LEGEND Basic Rate Interface (BRI) Access Button Quick Reference Card
555-601-111	1	MERLIN LEGEND BRI Supplemental Reference Guide
555-601-112	1	MERLIN LEGEND BRI Provisioning Guide and Planning Forms
555-601-113	1	Vistiun Personal Video 1200/1300 System Application Note

Number	Issue	Subject
555-601-200	1	AUDIX Voicepower Manager Guide
555-601-200A	1	AUDIX Voicepower Manager Guide Update
555-601-200B	1	AUDIX Voicepower Manager Guide Update
555-601-201	1	AUDIX Voicepower User's Guide
555-601-202	1	AUDIX Voicepower R2.1.1 AT&T Fax Attendant System®
555-601-202A	1	AUDIX Voicepower/Fax Attendant Planning Update
555-601-202B	1	AUDIX Voicepower/Fax Attendant Planning Update
555-601-203	1	AUDIX Voicepower FAX Attendant planning forms
555-601-204	1	AUDIX Voicepower Installation and Maintenance Guide R2.1.1 (MERLIN LEGEND)

555-610 MERLIN LEGEND® R1.0/1.1

Number	Issue	Subject
■ 555-610-000	1	MERLIN LEGEND System Manager's Slipcase NOTE: Slipcase/ Contains 2 Forms Pocket Folders, (1) 555-610-110 ,(1) 555-610-111, and (1) 555-610-119
555-610-001	1	MERLIN New System Without ATL Sales Release 1.1
555-610-110	1	MERLIN LEGEND R1.0 System Reference Manual
555-610-111	1	MERLIN LEGEND R1.0 System Program Manager
555-610-112	1	MERLIN LEGEND R1.0 Key System Planning
555-610-113	1	MERLIN LEGEND R1.0 PBX System Planning
555-610-114	1	MERLIN LEGEND R1.0 Data Guide
555-610-116	1	MERLIN LEGEND R1.0 Key System — Planning Forms
555-610-117	1	MERLIN LEGEND R1.0 PBX System — Planning Forms
555-610-118	1	MERLIN LEGEND R1.0 Data Planning — Forms
555-610-119	1	MERLIN LEGEND R1.1 Release Notes — Installation Guide
555-610-120	1	MERLIN LEGEND R1.0 Analog Multiline Telephone User's Guide
555-610-120FR	1	MERLIN LEGEND R1.0 French Analog Multiline Telephone User's Guide
555-610-120SP	1	MERLIN LEGEND R1.0 Spanish Analog Multiline Telephone User's Guide
555-610-121	1	MERLIN LEGEND R1.0 Single-Line Telephones User's Guide
555-610-121FR	1	MERLIN LEGEND R1.0 French Singleline Telephone User's Guide
555-610-121SP	1	MERLIN LEGEND R1.0 Spanish Singleline Telephone User's Guide
555-610-122	1	MERLIN LEGEND R1.0 MLX-10D, MLX-28D, and MLX-20L Digital/ISDN Display Telephones User's Guide
555-610-122FR	1	MERLIN LEGEND R1.0 French Display User's Guide
555-610-122SP	1	MERLIN LEGEND R1.0 Spanish Display User's Guide
555-610-123	1	MERLIN LEGEND R1.0 MLX-10 Digital/ISDN Non-Display Telephone User's Guide
555-610-123FR	1	MERLIN LEGEND R1.0 French Multiplexer 10 Non-Display User's Guide
555-610-123SP	1	MERLIN LEGEND R1.0 Spanish Multiplexer 10 Non-Display User's Guide
555-610-124	1	MERLIN LEGEND User Cards for MLX-10 and MLX-10D Telephones (5 Card Set)
555-610-125	1	MERLIN LEGEND User Cards for MLX-28D and MLX-20L Telephones (4 Card Set)
555-610-126	1	MERLIN LEGEND R1.1 Release Notes — Analog Multiline User Guide
555-610-127	1	MERLIN LEGEND R1.1 Release Notes — Single Line Telephones User Guide
555-610-128	1	MERLIN LEGEND R1.1 Release Notes — MLX-10D, MLX-20L, MLX-28D Display User's Guide
555-610-129	1	MERLIN LEGEND R1.1 Release Notes — MLX-10 Non Display User's Guide
555-610-130	1	MERLIN LEGEND R1.0 Calling Group Supervisor's Guide

Number	Issue	Subject
555-610-130FR	1	MERLIN LEGEND R1.0 French Calling Group Supervisor's Guide
555-610-130SP	1	MERLIN LEGEND R1.0 Spanish Calling Group Supervisor's Guide
555-610-131	1	MERLIN LEGEND R1.0 Analog Direct Line Consoles Operator Guide
555-610-131FR	1	MERLIN LEGEND R1.0 French Analog Direct Line Consoles Operator Guide
555-610-131SP	1	MERLIN LEGEND R1.0 Spanish Analog Direct Line Consoles Operator Guide
555-610-132	1	MERLIN LEGEND R1.0 MLX Direct Line Console Operator Guide
555-610-132FR	1	MERLIN LEGEND R1.0 French MLX Direct Line Console Operator Guide
555-610-132SP	1	MERLIN LEGEND R1.0 Spanish MLX Direct Line Console Operator Guide
555-610-133	1	MERLIN LEGEND R1.0 Queued Call Console Operator Guide
555-610-133FR	1	MERLIN LEGEND R1.0 French Queued Call Console Operator Guide
555-610-133SP	1	MERLIN LEGEND R1.0 Spanish Queued Call Console Operator Guide
555-610-134	1	MERLIN LEGEND R1.1 Calling Group Release Notes
■ 555-610-135	1	MERLIN LEGEND R1.1 Analog Direct-Line Release Notes
555-610-136	1	MERLIN LEGEND R1.1 MLX Direct-Line Release Notes
555-610-137	1	MERLIN LEGEND R1.1 MLX Queued Call Console Release Notes
555-610-140	1	MERLIN LEGEND R1.0 Installation Program and Maintenance Guide
555-610-141	1	MERLIN LEGEND R1.0 Pocket Reference
■ 555-610-142	1	MERLIN LEGEND MLX-10-10D Button Labels NOTE: Replaced by 555-620-154
■ 555-610-143	1	MERLIN LEGEND MLX-20L Button Labels NOTE: Replaced by 555-620-154
555-610-151FR	1	MERLIN LEGEND R1.1 French Quick Reference Card
555-610-151SP	1	MERLIN LEGEND R1.1 Spanish Quick Reference Card
555-610-152FR	1	MERLIN LEGEND R1.1 French Single-Line Quick Reference Card
555-610-152SP	1	MERLIN LEGEND R1.1 Spanish Single-Line Quick Reference Card
555-610-154FR	1	MERLIN LEGEND R1.1 French Analog (BIS) Quick Reference Card
555-610-154SP	1	MERLIN LEGEND R1.1 Spanish Analog (BIS) Quick Reference Card
555-610-155FR	1	MERLIN LEGEND R1.1 French Analog DL Console Quick Reference Card
555-610-155SP	1	MERLIN LEGEND R1.1 Spanish Analog DL Console Quick Reference Card
555-610-156FR	1	MERLIN LEGEND R1.1 French MLX Non-Display Quick Reference Card
555-610-156SP	1	MERLIN LEGEND R1.1 Spanish MLX Non-Display Quick Reference Card
555-610-157FR	1	MERLIN LEGEND R1.1 French MLX Display Quick Reference Card
555-610-157SP	1	MERLIN LEGEND R1.1 Spanish MLX Display Quick Reference Card
555-610-158FR	1	MERLIN LEGEND R1.1 French Analog Cordless Quick Reference Card
555-610-158SP	1	MERLIN LEGEND R1.1 Spanish Analog Cordless Quick Reference Card
555-610-159FR	1	MERLIN LEGEND R1.1 French MLX DL Console Quick Reference Card
555-610-159SP	1	MERLIN LEGEND R1.1 Spanish MLX DL Console Quick Reference Card

Number	Issue	Subject
555-610-160	1	MERLIN LEGEND R1.1 MLC-5 Cordless Telephone Quick Reference Guide
555-610-161	1	MERLIN LEGEND R1.1 Analog (BIS) Multi-Line Quick Reference
555-610-162	1	MERLIN LEGEND R1.1 MLX Display Quick Reference Card
555-610-163	1	MERLIN LEGEND R1.1 MLX Non-Display Quick Reference
555-610-167	1	MERLIN LEGEND R1.1 Single-Line Telephone Quick Reference Card
555-610-170	1	MERLIN LEGEND R1.1 Calling Group Quick Reference Card
555-610-172	1	MERLIN LEGEND R1.1 MLX Direct-Line Console Quick Reference Card
555-610-175	1	MERLIN LEGEND R1.1 Analog (BIS) Direct-Line Console Quick Reference Card
555-610-177	1	MERELIN Legend R1.1 MLX Queued Call Console Quick Reference Card
555-610-179	1	MERLIN LEGEND MLX-10D Display Cards (5 Card Set)
555-610-180	1	MERLIN LEGEND MLX-20L and -28D Display Cards
555-610-710FR	1	MERLIN LEGEND R1.1 French MERLIN ATTENDANT Administration
555-610-710SP	1	MERLIN LEGEND R1.1 Spanish MERLIN ATTENDANT Administration
555-610-711FR	1	MERLIN LEGEND R1.1 French MERLIN ATTENDANT Installation
555-610-711SP	1	MERLIN LEGEND R1.1 Spanish MERLIN ATTENDANT Installation

555-611 MERLIN LEGEND® R1.2i (International)

Number	Issue	Subject
555-611-119	1	MERLIN LEGEND R1.2i Notes
555-611-126	1	MERLIN LEGEND Analog R1.2i Multiline Phone User Guide
555-611-127	1	MERLIN LEGEND SL R1.2i Telephone User's Guide
555-611-128	1	MERLIN LEGEND R1.2i MLX-10D -28D -20L Display Telephone User Guide
555-611-129	1	MERLIN LEGEND MLX-10 R1.2i Non-Display Phone User's Guide
555-611-134	1	MERLIN LEGEND Calling R1.2i Group Supervisor's Guide
555-611-135	1	MERLIN LEGEND Analog R1.2i Direct Line Operator's Guide
555-611-136	1	MERLIN LEGEND MLX R1.2i Direct-Line Consoles Operator's Guide
555-611-137	1	MERLIN LEGEND MLX R1.2i Queued Call Console Operator Guide

555-611 MERLIN LEGEND® R1.3i (International)

Number	Issue	Subject
555-612-111	1	MERLIN LEGEND R1.3i System Programming
555-612-113	1	MERLIN LEGEND R1.3i System Planning
555-612-117	1	MERLIN LEGEND R1.3i System Planning Forms
555-612-119	1	MERLIN LEGEND R1.3i System Reference
✇555-612-120	1	MERLIN LEGEND R1.3i Documentation Diskettes
555-612-127	1	MERLIN LEGEND R1.3i Single-Line Telephones User's Guide
555-612-128	1	MLX-20L Display Telephone User's Guide
555-612-129	1	MERLIN LEGEND R1.3i Non-Display Telephones User's Guide
555-612-134	1	MERLIN LEGEND R1.3i Calling Group Supervisor's Guide
555-612-136	1	MERLIN LEGEND R1.3i MLX Direct-Line Consoles Operator's Guide
555-612-137	1	MERLIN LEGEND R1.3i MLX Queued Call Console Operator Guide
555-612-140	1	MERLIN LEGEND R1.3i IP&M
555-612-141	1	MERLIN LEGEND R1.3i Installation Program and Maintenance Guide

555-620 MERLIN LEGEND® R2.0

Number	Issue	Subject
555-620-001	2	MERLIN LEGEND II New System Sales W/O ATL Sets
555-620-002	2	MERLIN LEGEND II New System Sales W/ATL Sets and Upgrades

Number	Issue	Subject
555-620-003	1	MERLIN LEGEND 2.1 Communications System Release Notes
555-620-110	1	MERLIN LEGEND Feature Reference R2
555-620-111	1	MERLIN LEGEND System Programming R2.0
555-620-112	1	MERLIN LEGEND R2.0 System Planning (Includes Forms)
555-620-113	1	MERLIN LEGEND R2.0 Planning Forms
555-620-114	1	MERLIN LEGEND System Overview R2.0
555-620-115	1	MERLIN LEGEND R2.0 Equipment and Operations Reference
555-620-116	1	MERLIN LEGEND R2.0 Reference PCK Reference
555-620-120	1	MERLIN LEGEND R2.0 Analog Multiline Telephone User Guide
555-620-121	1	MERLIN LEGEND R2.0 Analog Multiline Telephone User Quick Reference
555-620-122	1	MERLIN LEGEND R2.0 MLX-10D, MLX-28D, MLX-20L Display Telephones User's Guide
555-620-122SP	1	MERLIN LEGEND R2.0 MLX-10D, MLX-28D, MLX-20L Display Telephones User's Guide
555-620-123	1	MERLIN LEGEND R2.0 MLX-10D, MLX-28D, MLX-20L Display Telephones Quick Reference
555-620-124	1	MERLIN LEGEND R2.0 MLX-10 Non-Display Telephone User's Guide
555-620-125	1	MERLIN LEGEND R2.0 MLX-10 Non-Display Telephone Quick Reference Guide
555-620-126	1	MERLIN LEGEND R2.0 Single-Line Telephones User's Guide
555-620-127	1	MERLIN LEGEND R2.0 Single-Line Telephones Quick Reference
555-620-128	1	MERLIN LEGEND R2.0 MLC-5 Cordless Telephone Quick Reference
555-620-129	1	MERLIN LEGEND R2.0 Data User's Guide
555-620-130	1	MERLIN LEGEND R2.0 Calling Group Supervisor's Guide
555-620-131	1	MERLIN LEGEND R2.0 Calling Group Supervisor's Quick Reference Guide
555-620-132	1	MERLIN LEGEND R2.0 Analog Direct-Line Console Operator's Guide
555-620-133	1	MERLIN LEGEND R2.0 Analog Direct-Line Operator's Quick Reference Card
555-620-134	1	MERLIN LEGEND R2.0 MLX Direct-Line Console Operator's Guide
555-620-135	1	MERLIN LEGEND R2.0 MLX Direct-Line Console Operator's Quick Reference Card
555-620-136	1	MERLIN LEGEND R2.0 MLX Queued Call Console Operators Guide
555-620-137	1	MERLIN LEGEND R2.0 MLX Queued Call Console Operators Quick Reference
555-620-140	1	MERLIN LEGEND R2.0 Installation Programming and Maintenance (IP&M) Binder
555-620-141	1	MERLIN LEGEND R2.0 Installation
555-620-142	1	MERLIN LEGEND R2.0 SPM System Programming and Maintenance
555-620-143	1	MERLIN LEGEND R2.0 Maintenance and Troubleshooting
555-620-144	1	MERLIN LEGEND R2.0 Programming Summary
555-620-150	1	MERLIN LEGEND R2.0 MLX-10D Display User Tray Cards (set of 6)
555-620-151	1	MERLIN LEGEND R2.0 MLX-10 Non Display User Tray Cards (set of 6)
555-620-152	1	MERLIN LEGEND R2.0 MLX-20L and MLX-28D User Tray Cards (set of 5)
555-620-153	1	Button Label MLX Telephones
555-620-154	1	Universal MLX Button Label
555-621-101	1	MERLIN LEGEND Optical Isolation System
555-621-102	1	MERLIN LEGEND Secure Communications System Supplemental Reference

555-630 MERLIN LEGEND® R3.0

555-630-110	1	MERLIN LEGEND R3.0 Feature Reference (8-94)

Number	Issue	Subject
555-630-111	1	MERLIN LEGEND R3.0 System Programming (8-94)
555-630-112	1	MERLIN LEGEND R3.0 System Planning/Security (Includes Forms) (8-94)
555-630-113	1	MERLIN LEGEND R3.0 System Planning Forms (8-94)
555-630-115	1	MERLIN LEGEND R3.0 Equipment and Operations Reference (8-94)
555-630-116	1	MERLIN LEGEND R3.0 Pocket Reference (8-94)
555-630-117	1	MERLIN LEGEND R3.0 Introduction (8-94)
555-630-118	1	MERLIN LEGEND R3.0 System Manager's Guide (8-94)
555-630-120	1	MERLIN LEGEND R3.0 Analog Multiline Telephones User's Guide (8-94)
555-630-122	1	MERLIN LEGEND R3.0 MLX Display Telephones User's Guide (8-94)
555-630-124	1	MERLIN LEGEND R3.0 MLX Non-Display Telephone User's Guide (8-94)
555-630-126	1	MERLIN LEGEND R3.0 Single-Line Telephone User's Guide (8-94)
555-630-129	1	MERLIN LEGEND R3.0 Data User's Guide (8-94)
555-630-130	1	MERLIN LEGEND R3.0 Calling Group Supervisor's Guide (8-94)
555-630-132	1	MERLIN LEGEND R3.0 Analog Direct-Line Consoles Operator's Guide (8-94)
555-630-134	1	MERLIN LEGEND R3.0 MLX Direct-Line Consoles Operator's Guide (8-94)
555-630-136	1	MERLIN LEGEND R3.0 MLX Queued Call Consoles Operator's Guide (8-94)
555-630-138	1	MERLIN LEGEND R3.0 MDC-9000 and MDW-9000 User's Guide (8-94)
555-630-140	1	MERLIN LEGEND R3.0 Installation, Programming, and Maintenance (8-94)
555-630-150	1	MERLIN LEGEND MLX-10D User Tray Cards (3.0) (set of 6)
555-630-151	1	MERLIN LEGEND MLX-10 User Tray Cards (3.0) (set of 6)
555-630-153	1	MERLIN LEGEND MLX-20L/MLX-28D User Tray Cards (3.0) (set of 5)

Division 560

Data System Products, Cross-Product, Product Independent, *UNIX** Microsystems, and Computer Systems

560-0 Index and CIRs
-000 Index
-099 Customer Information Releases (CIRs)

560-2 PCs and Workstations
-201 PassageWay™

560-3 Computer Systems
560-321 STAR SERVER™ FT (Fault Tolerant)

560-4 UNIX
-407 Application Development Software

560-5 Multimedia Products
-501 Network Interface Devices

Number	Issue	Subject
560-0 Index and CIRs		
560-000 Index		
560-000-000	13	Data System Products, Cross-Product, Product Independent, UNIX Microsystems, and Computer Systems (5-95)
560-099 Customer Information Releases (CIRs)		
560-099-001IR	2	AT&T 6386 Workgroup System
560-099-002IR	3/88	AT&T Sun Micro Systems Announce View Computing Platform
560-099-003IR	8/88	AT&T Announces Plans for UNIX System V Release 4.0
560-099-004IR	12/88	New Software Release Enhances AT&T 6500 MCS Functionality
560-099-005IR	9/88	Data Systems 3B2
560-099-006IR	12/88	AOE: A Framework for the Future
560-099-007IR	1	AT&T 615 Color Multitasking Terminal (CMT)

* UNIX is a registered trademark of Novell, Inc.

	Number	Issue	Subject
560-2 PCs and Workstations			
560-201 PassageWay™			
	560-201-010	1	PassageWay Direct Connect Solutions Guide
❑	560-201-012	1	PassageWay Telephony Services Marketing and Sales Guide
❑	✇560-201-013	3/94	PassageWay Telephony Services Announcement Training Video
	560-201-014	6-94	PassageWay Telephony Services Netware® Information Package
	✇560-201-015	6-94	PassageWay Telephony Services Netware® Video
❑	560-201-016	--	PassageWay Telephony Services Netware® Package. Includes 560-201-014 and -015
❑	✇560-201-017	6-94	PassageWay Telephony Services Netware® Customized Video
	✇560-201-018	7-94	Fast Call for PassageWay Sales Video
	✇560-201-019	4/95	PassageWay Telephony Services Customer Testimonial Video
	✇560-201-020	4/95	PassageWay Telephony Services R2.0 Business TV Announcement
■	560-201-100	4/95	PassageWay Telephony Services Solution Glossary
■	560-201-101	2	PassageWay — MERLIN LEGEND R2.0 — User's Guide
	560-201-102	1	AT&T PassageWay Solution User's Guide for DEFINITY Communications System
	Addendum	1	
	560-201-103	1	AT&T PassageWay Solution User's Guide for PARTNER Communications System
560-3 Computer Systems			
560-321 Star Server™ FT (Fault Tolerant)			
Hardware Documents			
	✇560-321-051	--	STAR SERVER FT IDS Online Documentation Version B00 Release 6.1.0
	✇560-321-053	--	STAR SERVER FT Rel. 3 IDS Online Documentation Version B10 (Kit 3) Release 6.1.0
	560-321-110	1	STAR SERVER FT Central Office, Supplement to the Site Selection, Planning and Installation Guide
STAR SERVER Hardware Documents			
	560-321-310	4	STAR SERVER Fault Tolerant Helix Services Guide Release 3
	560-321-311	1	STAR SERVER Fault Tolerant Helix Technical Description Release 3
	Revision 1	10/93	
	560-321-312	3	STAR SERVER Fault Tolerant Release 3 Central Office Hardware Installation Guide
	560-321-313	3	STAR SERVER Fault Tolerant Release 3 Hardware Installation Guide (12-94)
	560-321-314	2	STAR SERVER Fault Tolerant Helix Site Preparation Guide Release 3
STAR SERVER Software Documents			
	560-321-401	1	STAR SERVER Fault Tolerant System Monitor Administrator's Guide
	560-321-402	1	STAR SERVER Fault Tolerant System Monitor Product Description
	560-321-405	2	STAR SERVER Fault Tolerant UNIX System V Release 4.0 Administrator's Reference Manual (12-94)
	560-321-406	1	Administrator's Reference Manual Vol. 2
	560-321-408	2	STAR SERVER Fault Tolerant UNIX System V Release 4.0 User's Reference Manual (12-94)
	560-321-409	1	STAR SERVER Fault Tolerant UNIX SVR4.0 User's Reference Manual Vol. 2
	560-321-411	2	STARS ERVER Fault Tolerant UNIX System V Release 4.0 Programmer's Reference Manual Vol. 1 (12-94)
	560-321-412	2	STAR SERVER Fault Tolerant UNIX System V Release 4.0 Programmer's Reference Manual Vol. 2 (12-94)

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560-321-413	2	STAR SERVER Fault Tolerant UNIX System V Release 4.0 Programmer's Reference Manual Vol. 3 (12-94)
Revision 1	12/93	
560-321-414	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Administrator's Guide — User Services
560-321-415	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Administrator's Guide — Machine Management
560-321-416	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Administration Data Management
560-321-417	3	STAR SERVER Fault Tolerant UNIX 4.0 Maintenance and Diagnostic Tools Guide (12-94)
560-321-418	4	STAR SERVER Fault Tolerant UNIX System V Release 4.0 Systems Software Installation Guide
560-321-420	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — Networking Interfaces
560-321-422	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — STREAMS
560-321-423	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — C Language Programming Tools
560-321-424	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — POSIX Conformance
560-321-425	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — Character User Interface
560-321-426	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Programmer's Guide — System and Application Tools
560-321-430	1	STAR SERVER UNIX SVR 4.0 DDI/DKI Reference Manual
560-321-433	1	STAR SERVER Fault Tolerant UNIX SVR4.0 User's Guide Vol. 1
560-321-434	1	STAR SERVER Fault Tolerant UNIX SVR4.0 User's Guide Vol. 2
Revision 1	1/94	
560-321-436	1	STAR SERVER Fault Tolerant UNIX SVR4.0 Network Administrator's Guide
560-321-438	1	Performance Aid (Artwork for On-Line Kit)
560-321-440	1	Non Stop WX Guide to MNLS
Revision 2	12/93	
560-321-442	2	STAR SERVER Fault Tolerant Release 3 Visual Administrator's Guide
560-321-444	1	Read Me First Kit Letter

560-4 UNIX

560-407 Application Development Software

560-407-150	2	AT&T Master Controller III User's Guide
560-407-151	1	Master Controller III Diagnostic Program User's Guide

560-5 Multimedia Products

560-501 Network Interface Devices

560-501-100	1	AT&T EMMI™ Multimedia Interface User's Guide (1-95)

Division 570

Teletypewriter General Information — Miscellaneous Apparatus and Auxiliary Equipment

570-0 Indexes and General Information

570-1 Converters, Station

570-2 Miscellaneous Apparatus

570-3 Auxiliary Equipment

Number	Issue	Subject
570-0 Indexes and General Information		
570-000 Indexes		
570-000-000	74	Numerical Index — Division 570 — Teletypewriter General Information — Miscellaneous Apparatus and Auxiliary Equipment
Addendum	1	
570-000-003	1	Master Cross Reference Index of Part Numbers and Associated 9-Digit Sections
570-001 Teletypewriter Station Space Requirements		
570-001-010	3	Teletypewriter Station Space Requirements
570-002 Preparation of Teletypewriter Apparatus for Installation		
570-002-010	4	Preparation of Teletypewriter Apparatus for Installation
570-003 Power Supply for Teletypewriter Apparatus		
570-003-010	7	Electrical Service for Teletypewriter Apparatus
570-004 Teletypewriter Apparatus — Station Maintenance and General Requirements		
570-004-700	5	General Requirements — Requirements and Adjustments
570-004-701	8	General Requirements — Lubrication
570-004-702	1	General Requirements — Disassembly and Reassembly
570-004-703	6	General Requirements — Cleaning
570-004-704	5	General Requirements — Retouching and Refinishing
570-005 Teletypewriter Tools and Maintenance Supplies		
570-005-100	8	Teletypewriter Tools and Maintenance Supplies
570-005-800	6	Teletypewriter Maintenance Tools
570-006 Teletypewriter Station Tests		
570-006-500	5	Orientation and Distortion Tests
570-006-501	3	Local Receiving Tolerance Tests Using Portable Equipment for Test Signals and Test Current
570-007 Teletypewriter Station Trouble Analysis Plans		
570-007-010	2	Teletypewriter and Data Station Visit Analysis Plan — Visit Ticket E-5549
570-008 Information on Stationery for Teletypewriters		
570-008-010	11	Information on Stationery for Teletypewriters and DATASPEED® Terminals
570-009 Remote Signal Bell and Teletypewriter Installations Involving Explosive Atmospheres		
570-009-100	1	Description
570-009-200	1	Installation
570-010 Radio Induction Suppression Filters — General Requirements		
570-010-100	6	List of Available Radio Induction Suppression Filters
570-010-200	4	Installation of Radio Frequency Induction Suppression Filters on Teletypewriters and Associated Equipment — General Instructions

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570-011 Teletypewriter Selecting Codes		
570-011-100	3	Teletypewriter Selecting Codes
570-011-101	2	Eight Level Data Interchange Code — Four-Row Keyboard
570-012 Teletypewriter Apparatus — Speed Regulation		
570-012-100	4	Teletypewriter Apparatus — Speed Regulation
570-013 List of TELETYPE® Corporation "S" Specifications and Bulletins — Teletypewriter Apparatus		
570-013-010	27	List of "S" Specifications — Teletypewriter Apparatus
570-013-011	14	List of Teletype Corporation Parts Bulletins
570-014 Teletypewriter Station Records		
570-014-001	2	Stunt Box Record Forms — Responsibility and Use
570-015 Designation of Station and Loops		
570-015-101	1	Private Line Services-Teletypewriter
570-020 Type Pallets for Models 28, 35 and 37 Teletypewriter Sets		
570-020-800	3	Type Pallets for Models 28, 35, and 37 Teletypewriter Sets
570-020-801	2	Keytops for Models 37, CDT and DATASPEED® Printer — Terminals
570-2 Miscellaneous Apparatus		
570-200 Multiple Transmitter Units and Bases		
570-200-100	1	Description
570-200-400	1	Wiring Diagram
570-200-700	1	Requirements and Adjustments
570-200-701	1	Lubrication

Number	Issue	Subject
570-201 SOTUS — Sequential Selector and Selector Panel		
570-201-100	1	Description and Principles of Operation
570-201-101	1	BS6 Sequential Selector — Description and Principles of Operation
570-201-400	3	Wiring Diagram
570-201-500	1	Maintenance Inspection and Tests
570-201-700	6	Requirements and Adjustments
570-201-701	1	Lubrication
570-202 Codomat Equipment		
570-202-400	1	1LA Codomat and 1LA Codomat Cabinet — Wiring Diagram
570-202-700	1	1LA Codomat and 1LA Codomat Cabinet — Requirements and Adjustments
570-202-701	1	1LA Codomat and 1LA Codomat Cabinet — Lubrication
570-203 Timers		
570-203-400	1	1LA and 1LB Timer — Wiring Diagram
570-203-700	1	1LA and 1LB Timer — Requirements and Adjustments
570-204 Cam-Operated Distributors		
570-204-700	1	Requirements and Adjustments
570-204-701	1	Lubrication
570-220 Motors and Motor Units		
570-220-100	4	Motor Units — Description and Principles of Operation
570-220-400	3	Wiring Diagram
570-220-700	5	Requirements and Adjustments
570-220-701	5	Lubrication
570-220-702	3	Motor Units — Disassembly and Reassembly
570-220-800	5	Motor Unit (MU, LMU, and YMU) — Parts

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570-221 Cabinets and Tables		
570-221-101	1	1A Typing Reperforator Cabinet — Description
570-221-400	3	100 Type Cabinets — Wiring Diagram
570-221-700	1	100 Type Cabinets — Requirements and Adjustments
570-221-701	1	100 Type Cabinets — Lubrication
570-221-702	1	100 Type Cabinets — Cleaning
570-223 Tape Preparation Arrangements		
570-223-100	2	Keyboard Tape Punch and Keyboard Typing Tape Punch (Off-Line) — Description and Principles of Operation
570-223-700	2	Keyboard Tape Punch and Keyboard Typing Tape Punch (Off-Line) — Adjustments
570-223-800	2	Keyboard Tape Punch (LKPE), Keyboard Typing Tape Punch (LKTP) and Cover (LKPC) Off-Line — Parts
Appendix 1	2	No Title
570-224 Selector Magnet Driver		
570-224-100	1	TP177010 Selector Magnet Driver — Description and Principles of Operation
570-224-200	1	TP177010 Selector Magnet Driver — Installation
570-224-300	1	TP177010 Selector Magnet Driver — Servicing
570-224-400	1	TP177010 Selector Magnet Driver — Wiring Diagram
570-224-800	1	TP177010 Selector Magnet Driver — Parts
570-3 Auxiliary Equipment		
570-300 Tape Splicers		
570-300-100	1	1A Tape Splicer — Description and Operation
570-300-101	1	28A Tape Splicer — Description and Operation
570-300-401	1	28A Tape Splicer — Wiring Diagram
570-300-700	1	1A Tape Splicer — Requirements and Adjustments
570-300-704	1	28A Tape Splicer — Requirements and Adjustments
570-300-705	1	28A Tape Splicer — Lubrication
570-300-800	1	1A Tape Splicer — Parts
570-300-801	1	28 Tape Splicer (LTS) — Illustrated Parts Breakdown
570-301 Winders, Unwinders, and Rewinders		
570-301-100	1	Tape Winders — Motor Driven — 1A, 2A, 3A, and 4A — Description and Operation
570-301-101	1	Tape Winders — Motor Driven — TW200 and TW201 — Description and Operation
570-301-110	1	Tape Winders — Spring Driven — Description
570-301-111	1	Tape Unwinders and Rewinder — Description
570-301-120	1	Paper Winders — 15 Type — Description
570-301-220	1	Paper Winders — 15 Type — Installation
570-301-420	1	Paper Winders — 15 Type — Wiring Diagrams
570-301-421	1	Paper Winders — 1A-Wiring Diagram
Appendix 1	2	Paper Winders — 1A-Wiring Diagram
570-301-700	1	Tape Winders — Motor Driven — 1A, 2A, 3A, and 4A — Requirements and Adjustments
570-301-701	1	Tape Winders — Motor Driven — 1A, 2A, 3A, and 4A — Lubrication
570-301-703	1	Tape Winders — Motor Driven — TW200 and TW201 — Requirements and Adjustments
570-301-704	1	Tape Winders — Motor Driven — TW200 and TW201 — Lubrication
570-301-705	3	1A Paper Winder
570-301-720	1	Paper Winders — 15 Type — Requirements and Adjustments
570-301-721	1	Paper Winders — 15 Type — Lubrication
570-301-800	4	Tape Winders (TW) and Unwind Reels — Parts

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570-301-802	2	Paper Winder (LPW) — Parts
570-301-803	2	Paper Winder (PW) — Parts

570-302 Auxiliary Power Equipment

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570-302-100	1	Rectifiers for Teletypewriter Station Apparatus — Description
570-302-101	5	Fusetrons for Teletypewriter Apparatus — Description
570-302-102	1	Time Switches for Teletypewriter Stations — Description
570-302-103	1	Teletypewriter Control Relays — Description
570-302-200	1	Rectifiers for Teletypewriter Station Apparatus — Installation
570-302-202	1	Time Switches for Teletypewriter Stations — Installation
570-302-204	4	122A Filter for Power Leads of Teletypewriter Sets — Installation
570-302-302	1	Time Switches for Teletypewriter Stations — Operating Methods
570-302-400	1	Rectifiers for Teletypewriter Station Apparatus — Wiring Diagram
570-302-700	1	Rectifiers for Teletypewriter Station Apparatus — Requirements and Adjustments
570-302-702	1	Time Switches for Teletypewriter Stations — Requirements and Adjustments
570-302-703	1	Teletypewriter Control Relays — Requirements and Adjustments

570-303 Auxiliary Line Equipment

Number	Issue	Subject
570-303-101	1	128B2 Teletypewriter Subscriber Set — Description and Theory of Operation
570-303-103	4	130-Type Teletypewriter Subscriber Set — Description
570-303-104	1	131B2 Teletypewriter Subscriber Set — Description and Principles of Operation
570-303-105	1	63-C-1 Telegraph Loop Switchboard — Description
570-303-106	1	Line Relays — Description
570-303-107	1	150-Type Wave Shaping Sets — Description
570-303-108	1	1043A Filter for Station End of 62.5 MA DC — Electronic Data Loop — Description
570-303-200	2	1000-Ohm Shunt for Holding Magnet Selector Coils — Installation
570-303-201	1	128B2 Teletypewriter Subscriber Set — Installation
570-303-202	3	128B2 Teletypewriter Subscriber Set — Installation of Radio Induction Suppressors
570-303-203	5	130-Type Teletypewriter Subscriber Set for Customer-Owned Terminals — Installation
570-303-204	1	131B2 Teletypewriter Subscriber Set — Installation
570-303-205	1	63-C-1 Telegraph Loop Switchboard — Installation
570-303-208	1	1043A Filter for Station End of 62.5 MA DC — Electronic Data Loop — Installation
570-303-401	1	128B2 Teletypewriter Subscriber Set — Wiring Diagram
570-303-405	1	63-C-1 Telegraph Loop Switchboard — Wiring
570-303-407	1	150-Type Wave Shaping Sets — Line Terminating Arrangements
570-303-503	4	130-Type Teletypewriter Subscriber Set — Tests and Adjustments
570-303-504	1	131B2 Teletypewriter Subscriber Set — Tests
570-303-706	1	Line Relays — Requirements and Adjustments

570-305 Word Counters

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570-305-101	1	WC-6A Word Counter — Description and Principles of Operation
570-305-400	1	WM200 Word Counter — Wiring Diagram
570-305-401	1	WC-6A Word Counter — Wiring Diagram
570-305-700	1	WM200 Word Counter — Requirements and Adjustments
570-305-701	1	WM200 Word Counter — Lubrication
570-305-704	1	WC-6A Word Counter — Requirements and Adjustments
570-305-705	1	WC-6A Word Counter — Lubrication
570-305-800	1	WM200 Word Counter — Operates at 60, 75, or 100 WPM

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570-306 Miscellaneous Equipment		
570-306-100	2	Static Eliminators — Description
570-306-200	2	Static Eliminators — Installation
570-306-201	4	Installation of Radio Frequency Induction Suppression Filters for Equipment Containing Miscellaneous Relays or Mechanically or Manually Operated Contacts
570-306-700	2	Plugs and Sockets — H. B. Jones — Requirements and Adjustments
570-307 Pushbutton Data Generator		
❑ 570-307-800	1	(PBDG) — Parts

Division 573

28-Type Teletypewriters

573-0 Indexes and General Information 28-Type

573-6 Radio Frequency Interference (RFI) Suppression

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573-000 Index		
573-000-000	77	Numerical Index — Division 573 — 28-Type Teletypewriters
573-010 28 Teletypewriter — Maintenance Inspections and Tests		
573-010-500	2	Maintenance Inspections and Tests
573-1 28-Type		
573-100 28 Keyboard Send-Receive and Receiving Only Teletypewriter Set (KSR and RO)		
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573-100-100	1	Description
573-100-201	2	28 Wall Mounted Keyboard Send and Receive and Receive-Only Teletypewriter (KSR and RO) — Installation
573-100-702	1	Disassembly and Reassembly
573-100-800	1	28 Page Printer Set Modification Kits (KSR/RO)
573-100-801	1	Keytops for Model 28 Teletypewriter Sets
573-101 28 Automatic Send-Receive Teletypewriter Set (ASR)		
573-101-100	1	Description
573-101-200	2	Installation of Component Units
573-101-201	1	Auxiliary Typing Reperforator for 28 Automatic Send-Receive Set — Installation
573-101-500	1	Operating Tests
573-102 28 Keyboard Send-Receive and Receive Only Typing Reperforator Set (KTR and RO)		
573-102-100	1	Description
573-102-200	1	Installation
573-102-702	1	Disassembly and Reassembly
573-103 28 Tape Teletypewriter Set		
573-103-400	3	Wiring Diagram
573-104 28 Reperforator-Transmitter Set		
573-104-400	2	Wiring Diagram
573-104-700	1	Requirements and Adjustments
573-104-701	1	Lubrication
573-104-702	1	Disassembly and Reassembly
573-105 28 Self-Contained Transmitter-Distributor Set (Single- Contact and Multicontact)		
573-105-100	1	Description
573-105-702	1	Disassembly and Reassembly
573-106 28 Multiple Mounted, Multicontact, Transmitter-Distributor Set		
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573-108 28 and 35 Multimagnet Nontyping Reperforator Set		
573-108-100	1	Description
573-115 28 Typing Unit		
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573-115-102	1	28 Stuntbox Mechanism and Principles of CDC Assignments on the Broadcast Circuit Associated with a Data Switching System
573-115-103	1	28 Stuntbox — Description and Operating Principles
Addendum	2	
573-115-200	2	Installation of Function Parts on a 28 Stuntbox
573-115-400	2	Wiring Diagram

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573-115-701	3	Lubrication
573-115-702	4	Disassembly and Reassembly
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573-115-800	3	(LP) — Parts

573-116 28 Teletypewriter Base (KSR and RO)

573-116-100	1	Description and Principles of Operation
573-116-400	2	Wiring Diagrams
573-116-700	6	Adjustments
573-116-701	3	Lubrication
573-116-702	2	Disassembly and Reassembly
573-116-800	3	28 Send-Receive Keyboard (LK) and 28 Receive-Only Base (LB) Parts

573-117 28 Perforator-Transmitter Base

573-117-100	1	Description and Principles of Operation
573-117-400	6	Wiring Diagram
573-117-700	4	Requirements and Adjustments
573-117-701	3	Lubrication
573-117-702	2	Disassembly and Reassembly
Appendix 1	2	
573-117-800	3	28 Automatic Send-Receive Keyboard (LAK) — Parts

573-118 28 Single Magnet Typing Reperforator

573-118-100	1	Description and Principles of Operation
573-118-400	2	Wiring Diagrams
573-118-700	8	28 Typing Reperforator and Tape Printer — Adjustments
573-118-701	4	28 Typing Reperforator and Tape Printer — Lubrication
573-118-702	2	28 Typing Reperforator and Tape Printer — Disassembly and Reassembly
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573-118-800	2	28 Typing Reperforator (LPR) and 28 Tape Printer (LTP) Parts

573-119 28 Single Magnet Nontyping Reperforator

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573-119-700	4	28 Nontyping Reperforator Unit — Adjustments
573-119-701	2	Lubrication
573-119-702	1	Disassembly and Reassembly
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573-119-800	2	(LRPE) — Parts

573-120 28 Multimagnet Nontyping Reperforator

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573-120-400	2	Wiring Diagram
573-120-700	3	28 and 35 Multimagnet Nontyping Reperforator — Adjustments
573-120-701	3	28 and 35 Multimagnet Nontyping Reperforator — Lubrication
573-120-702	3	28 and 35 Multimagnet Nontyping Reperforator — Disassembly and Reassembly
573-120-800	1	28 and 35 Multimagnet Nontyping Reperforator (LARP) — Parts

573-121 28 Typing Reperforator Base (KTR and ROTR)

573-121-100	1	(Receiving Only and Keyboard Send- Receive) — Description and Principles of Operation
573-121-101	1	28 Auxiliary Typing Reperforator Base for Automatic Send-Receive (ASR) Set — Description
573-121-400	2	(Receive-Only and Keyboard Send and Receive) — Wiring Diagram
573-121-700	6	28 Reperforator and Tape Printer Bases — Adjustments
573-121-701	2	28 Reperforator and Tape Printer Bases — Lubrication
573-121-702	1	(Receive Only and Keyboard Send and Receive) — Disassembly and Reassembly
573-121-800	3	28 Receiving-Only Reperforator or Tape Printer Base (LRB) and 28 Receiving- Only Multiple Reperforator Base (LMRB) — Parts

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573-122 28 Tape Typing Unit		
573-122-700	1	Requirements and Adjustments
573-122-701	1	Lubrication
573-122-800	1	(LTP) — Parts
573-123 28 Tape Teletypewriter Base		
573-123-700	2	28 Typing Reperforator and Tape Printer Keyboards — Adjustments
573-123-701	2	28 Typing Reperforator and Tape Printer Keyboards — Lubrication
573-123-702	1	28 Typing Reperforator and Tape Printer Keyboards — Disassembly and Reassembly
573-123-800	2	28 Send-Receive Reperforator Keyboard Base (LTRK) and 28 Send-Receive Tape Printer Keyboard Base (LTPK) — Parts
573-124 28 Tape Teletypewriter Cover		
573-124-700	1	Requirements and Adjustments
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573-125 28 Reperforator-Transmitter Unit		
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573-125-702	1	Disassembly and Reassembly
573-125-800	1	28 and 35 Reperforator Transmitter Base (LRXB) — Parts
573-125-801	1	28 and 35 Tape Handling Stand (LTHS) — Parts
573-126 28 Reperforator-Transmitter Adapter Unit		
573-126-400	2	28A and 28B — Wiring Diagram
573-127 28 Transmitter-Distributor Unit		
573-127-101	1	Description and Principles of Operation
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573-127-401	1	28E and 28H — Wiring Diagram
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573-127-700	3	28B and 28C — Requirements and Adjustments
573-127-701	1	28B and 28C — Lubrication
573-127-702	2	28B and 28C — Disassembly and Reassembly
573-127-703	5	28E and 28H (LXD) — Adjustments
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573-127-800	2	(LAXD — Pivoted Head, Multicontact) — Parts
573-127-801	2	28 Transmitter (LX) and 28 Transmitter- Distributor (LXD) Unit — Parts
573-127-802	2	28 Two-Shaft Transmitter Distributor (LBXD) — Parts
573-127-803	1	28 Transmitter-Distributor (LCXD — Pivoted and Fixed Heads, Multicontact) — Parts
573-128 Transmitter-Distributor Bases and 28 Transmitter- Distributor Houses		
573-128-100	1	28 Transmitter-Distributor Base for the Automatic Send-Receive (ASR) Set — Description
573-128-101	1	28 Transmitter Distributor Bases — (Single Mounting and Multiple Mounting) — Description
573-128-400	1	28 Transmitter-Distributor Base — Wiring Diagram
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573-128-701	1	28 Transmitter Distributor Bases — (Single Mounting and Multiple Mounting) — Lubrication
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573-129 28 Transmitter-Distributor Base Answer-Back Mechanism		
573-129-700	4	Requirements and Adjustments
573-129-701	2	Lubrication
573-130 28 Transmitter-Distributor Mounting and Cover Assemblies		
573-130-400	4	28G and 28H — Wiring Diagram
573-130-800	2	28 Two-Shaft Transmitter Distributor Base (LBXB) and Multiple Transmitter Base (LMXB) — Parts
573-130-801	1	28 Transmitter-Distributor Cover (LBXC) and Cabinet (AC — Table Type) — Parts
573-130-802	2	28 Transmitter or Transmitter-Distributor Base (LXDB) and 28 Multiple Transmitter- Distributor Base (LMXB) — Parts
573-130-803	2	28 Transmitter or Transmitter-Distributor Cover (LXDC) and 28 Table (LT) — Parts
573-131 28 Distributor		
573-131-100	1	28 Multiple Wire Distributor — Description and Principles of Operation
573-131-400	5	28 Multiple Wire Distributor — Wiring Diagram
573-131-700	3	Requirements and Adjustments
573-131-701	3	28 Multiple Wire Distributor — Lubrication
573-131-800	2	28 Multiple Wire Distributor (LD) — Parts
573-131-801	2	28 Multiple Wire Distributor — Early Design (LD) — Parts
573-132 28 Sequence Selector Unit and Base		
573-132-100	1	28 Sequence Selector — Description and Operating Principles (as used in 83B1 Selective Calling Systems)
573-132-400	2	28 Sequence Selector Unit — Wiring Diagram
573-132-700	4	Requirements and Adjustments
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❑❶ 574-226-401	1	Electrical Facilities Used on Offline ASR Sets for Switching System No. 307 — Actual Wiring Diagrams
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574-229-800	4	35 Console and Table Model (LAC) — KSR/RO — Parts
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574-231-401	2	35 Tape Printer — Actual Wiring Diagram
574-231-700	5	35 Tape Printer — Adjustments
574-231-701	3	35 Tape Printer — Lubrication
574-231-702	2	35 Tape Printer — Disassembly and Reassembly
574-231-802	1	35 Tape Printer (LTP) — Parts
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574-232-100	3	35 Tape Printer Keyboard — Description and Principles of Operation
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574-236 Tape Reader (Parallel Output)

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574-237 Multiple Wire Distributor

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	574-301-702	1	Component Removal and Replacement
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Division 578

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578-400-400	2	COMM-STOR II — Wiring Diagrams
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* COMM-STOR is a registered trademark of Sykes Datatronics, Inc.

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578-400-503	1	Line Control Unit (LCU) — Test and Troubleshooting Procedures — COMM-STOR II Communications Storage Unit
578-400-700	2	COMM-STOR II — Disassembly and Reassembly and Parts
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Division 579

Teletypewriter Field Maintenance Practices/ Field Installation Maintenance Practices

579-0 Index and General

579-2 Models 33 and 35 Teletypewriters

579-4 Model 37 Teletypewriter

579-5 DATASPEED® Services

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579-5 DATASPEED Services		
579-504 Magnetic Tape		
579-504-350	4	Terminal for DATAPHONE® Service
579-505 DATASPEED 40		
579-505-352	2	Field Installation Maintenance Practice BISP — DATASPEED 40 Terminals FIMP Station Arrangements

Division 580

Teletypewriter Switching Systems

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	580-000-000	7	Numerical Index — Division 580 — Teletypewriter Switching Systems
580-1 81-Type Teletypewriter Switching Systems			
	580-100-400	2	Tables Used With 81-Type Teletypewriter Switching Systems — Wiring Diagram
	580-100-500	3	Outlying Stations — Station Performance Tests
	580-101-100	2	81D1 — Description
	580-101-101	2	Improvements in 81D1 Teletypewriter Switching System Including 100 Speed Operation — Description
	580-101-102	1	81D1 — Sequential Selector Unit — BS6L Mechanical Timer and Function Shaft Cycle Timing
	580-101-300	2	81D1 — Instructions for Patching Circuit Units and Machines at Switching Centers
❶	580-101-400	3	81D1 — Station Control Circuit and SOTUS Unit — Relay Functions
	580-101-401	1	81D1 — Switching Center Circuits — Theory Schematics
	580-101-402	3	81D1 — BS6L Sequential Selector — SOTUS Lever Arrangement and Assembly
	580-101-500	1	81D1 — Testing and Maintenance Procedures

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580-3 No. 1 ESS™-ADF — Half-Duplex and Full Duplex			

NOTE: (Due to its limited need, 580-3, which is being released on this BSPM, will not be given distribution on standing orders. Locations requiring these sections should place a regular one-time order for them.)

❶	580-301-100	1	Half-Duplex 100-Word Per Minute Data Station — Using 4-Row Teletypewriters — Description and Operation
❶	580-301-101	1	Full-Duplex — 100-Word Per Minute Data Station — Using 4-Row Teletypewriters — Description and Operation
❶	580-301-102	1	Half-Duplex — 150-Word Per Minute Data Station — Using 4-Row Teletypewriters — Description and Operation
❶	580-301-200	1	Half-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Installation
❶	580-301-201	1	Full-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Installation
❶	580-301-202	1	Half-Duplex — 150 Word Per Minute Data Station — Using 4-Row Teletypewriters — Installation
❶	580-301-300	1	Half-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Maintenance
❶	580-301-301	1	Full-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Maintenance
❶	580-301-302	1	Half-Duplex — 150 Word Per Minute Data Station — Using 4-Row Teletypewriters — Maintenance
❶	580-301-400	1	Half-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Wiring
❶	580-301-401	1	Full-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Wiring
❶	580-301-402	1	Half-Duplex — 150 Word Per Minute Data Station — Using 4-Row Teletypewriters — Wiring

	Number	Issue	Subject
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❶	580-301-501	1	Full-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriters — Test Procedures
❶	580-301-502	1	Half-Duplex — 150 Word Per Minute Data Station — Using 4-Row Teletypewriters — Test Procedures
❶	580-301-700	1	Half-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriter — Disassembly and Reassembly
❶	580-301-701	1	Full-Duplex — 100 Word Per Minute Data Station — Using 4-Row Teletypewriter — Disassembly and Reassembly
❶	580-301-702	1	Half-Duplex — 150 Word Per Minute Data Station Using ASCII Code — Disassembly and Reassembly

Division 581

Teletypewriter Selective Calling Systems

581-0 Index

581-1 Teletypewriter

- **-100 83B Type Teletypewriter Selective Calling System**
- **-120 8A1 and 8B1 Data Selective Calling System**
- **-121 8A1 Data Selective Calling System — Line Control**
- **-122 8A1 and 8B1 Data Selective Calling-Station Sets**
- **-123 9100 Teletypewriter Selective Calling Stations**
- **-124 8A1 Selective Calling Systems — 9140 Station Controller**
- **-125 9100 Teletypewriter Selective Calling Services/ Systems Description**
- **-130 85A Data Selective Calling**
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581-8 Miscellaneous Systems

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581-1 Teletypewriter Selective Calling Systems		
581-100 83B Type Teletypewriter Selective Calling System		
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581-100-101	1	Pushbutton Calling Circuit for the 83B1 Teletypewriter Selective Calling System — Description and Operating Principles
581-100-102	1	83B2 — Description and Operating Principles
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581-100-104	1	83B3 — Description of Interface Connection to a Customer-Owned Business Machine
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581-131-302	2	Stations Using Data Auxiliary Sets — 820J and 820L Controllers — Maintenance
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Division 582

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-210 Printers
-211 Operator Console — KD and RO
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-213 Display Monitor
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-305 E4544LCC Controller
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582-5 PARADYNE® Data Communications Equipment
-510 Network Access Devices
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582-200-403	1	DATASPEED 40/3 With 9140 Station Controller — Wiring Diagrams
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582-200-504	2	Integrated Asynchronous Receive-Only Printer (ROP) Station — Testing and Troubleshooting
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582-200-753	1	9140 Station Controller — Routine Maintenance
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Integrated Synchronous ROP (Receive-Only Printer) Station

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582-212-700	4	Cabinets and Facilities — Disassembly/Reassembly, Parts and Adjustments
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582-213-100	3	Description and Operation
582-213-400	2	Wiring
582-213-500	3	Testing and Troubleshooting
582-213-700	3	Adjustments and Lubrication
582-213-701	3	Disassembly/Reassembly and Parts
582-214 PS101 Power Supply		
582-214-100	2	Description and Operation
582-214-400	1	Power Supply Units — Wiring Diagrams
582-214-500	2	Testing and Troubleshooting
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582-300-200	4	Remote Clustered — Installation
582-300-202	1	LCC Clustered — Installation
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582-300-500	4	Remote Clustered — Testing and Troubleshooting
582-300-501	1	4540 and 40/4 Mini- and Maxi-Cluster — Bisynchronous Remote — Installation Testing Using a 921A Data Test Set
582-300-502	1	LCC — Testing and Troubleshooting
582-300-503	1	LCC Clustered — Testing and Troubleshooting Using EIA Access Monitor
582-300-505	1	Single Display — Testing and Troubleshooting
582-300-700	2	Remote Clustered — Disassembly/ Reassembly and Parts
582-300-702	1	LCC Clustered — Disassembly/ Reassembly and Parts
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582-300-750	3	Routine Maintenance
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582-302-030 IS	2	Service Manual — Local Channel Controller DATASPEED 4540LCC
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582-303-030 IS	2	Service Manual
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582-303-050 IS	2	Enhanced DATASPEED 4540 Station Arrangement in a SNA/SDLC or a BSC Environment Using the TEKTRONIX* 834 Data Communications Tester
582-304-030 IS	1	SSI IRMA Service Manual
582-306/310 Printer Types		
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582-306-000 IS	1	6500 Station Job Aid
582-306-030	4	Service Manual — 6500 Station
582-306-050 IS	2	On-Line Testing of the 6500 Multi-Function Communication System Using the TEKTRONIX 0834 Data Communications Tester
582-306-100	1	General Description
582-306-150	1	Engineering Specification
582-306-200	2	Installation and Removal

* TEKTRONIX is a registered trademark of Tektronix, Inc.

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582-306-300	1	Troubleshooting
582-306-400	2	Wiring
582-306-500	2	Testing
582-306-700	2	Adjustments
582-306-710	1	Disassembly/Reassembly
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582-310-100	1	General Description
582-310-200	1	Installation and Removal
582-310-300	2	Troubleshooting
582-310-400	1	Wiring
582-310-500	1	Testing
582-310-700	1	Adjustments, Spring Tensions and Lubrication
582-310-710	1	Disassembly/Reassembly
582-310-750	1	Routine Maintenance
582-310-800	1	Parts

582-311 Operator Console — 4500 Keyboards — 45K301 Type

582-311-030 IS	1	Service Manual — Local Channel Feature of 6500 Station
582-311-100	1	Description and Operation
582-311-400	1	Wiring
582-311-500	1	Testing and Troubleshooting
582-311-700	1	Disassembly/Reassembly and Parts

582-312 4500 Cabinets, Tables, and Facilities

582-312-400	2	Cabinets — Wiring
582-312-700	3	Cabinets, Tables, and Facilities — Disassembly/Reassembly, Parts, and Adjustments
582-314-030	1	6500 Station Generic 3.1 Service Manual (9-88)

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582-400/419 Printer Types

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443 Printer		
582-400-000 IS	1	Model 106 — Job Aid
582-400-030 IS	1	Service Manual
445 Printer		
582-401-030 IS	1	Service Manual
450 Printer		
582-402-030 IS	1	Service Manual
460 Printer		
582-403-000 IS	1	Model 201 — Job Aid
582-403-030 IS	1	Service Manual
582-403-050 IS	1	Model 201 — Testing Printers for EIA On-line Capability Using the TEKTRONIX 834 Data Communications Tester
470 Series Printer		
582-404-030 IS	1	Service Manual
5310 and 5320 Printers		
582-405-000 IS	1	Teleprinter — Job Aid
582-405-030 IS	4	Service Manual
582-405-050	1	Testing Using Portable Equipment
582-405-060 IS	1	Remote On-line Testing
455 ASF 1 Bin		
582-406-030	2	455 Service Manual
457/458 Printer		
582-407-030 IS	1	Service Manual
435 Plotter		
582-408-030 IS	1	Service Manual
455 ASF 580		
582-409-030 IS	1	455 ASF 580 Service Manual (3-85)
478 and 479 Printers		
582-410-000 IS	1	Job Aid
582-410-030 IS	2	Service Manual
447 Printer		
582-411-030	1	Service Manual
AT&T Model 7500S Electronic Typewriter		
582-412-030 IS	1	Service Manual

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AT&T 477 Deluxe Color Printer		
582-413-030 IS	1	Service Manual
AT&T 495 Laser Printer		
582-414-030 IS	1	Service Manual
5310T and 478T Printers		
582-415-030 IS	2	Service Manual
5305 Printer		
582-418-030 IS	1	Service Manual
582-418-031	1	Service Manual Supplement
6571 and 6572 Printers		
582-419-030 IS	2	Service Manual
577 Printer		
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582-420-030	2	Printer 442/444/446 — Service Manual
582-420-034	1	Printer 577 — Service Manual
582-420-035	1	Printer 577 — Users Manual
582-420-036	1	Printer 577 — Coax Printer Supplemental Users Manual

AT&T Application Printers

582-421-100	1	Call Accounting Terminal Printer— Installation Guide
582-421-105	1	AT&T Application Printer— Installation Guide
582-421-106	1	Applications Printer (Wide Carriage) Installation Guide
593 Laser Printer		
582-425-030	2	Service Manual
595 Laser Printer		
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570 Printer		
582-430-030	2	AT&T 570 Printer Service Manual
580 Printer		
582-440-030	B	AT&T 580 Printer Service Manual

582-442 620, 621, and 622 Printers

582-442-100	1	AT&T 620, 621, and 622 Printer User Manual
Addendum	1	
582-442-101	1	AT&T 620, 621, and 622 Printer Service Manual
582-442-102	1	AT&T 620, 621, and 622 Printer Coax Manual
582-442-103	1	AT&T 620, 621, and 622 Printer Twinax Manual

582-445 602 Dot Matrix Printer

582-445-100	1	602 Dot Matrix Printer User Guide
582-445-101	1	602 Dot Matrix Printer Service Manual

582-5 PARADYNE® Data Communications Equipment

582-510 Network Access Devices

582-510-100	3	ACCULINK® Access Controller Reference Guide Revision 2.2
582-510-102	3.0	ACCULINK® Access Controller Model AAC/F Reference Guide Release 3.0

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582-600/624 Terminals — Display, Personal, and Multi-Tasking Graphics

4410 Display Terminal		
582-600-030 IS	1	Service Manual
582-600-050 IS	2	Testing the Terminal for On Line Capability Using the TEKTRONIX 834 Data Communications Tester and the GN Navtel* Supercheck

* GN Navtel is a registered trademark of GN Navtel, Inc.

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4415 Display Terminal		
582-601-030 IS	1	Service Manual
582-601-050 IS	1	Testing the Terminal for On-Line Capability Using the TEKTRONIX 834 Data Communications Tester and the Navtel Supercheck
4430 KD Stations On-Line		
582-603-030	1	AT&T Personal Terminal — 510A Service Manual
582-603-050 IS	1	Capability Testing Using the TEKTRONIX 834 Data Communications Tester
AT&T 510 Personal Terminal		
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582-604-030 IS	1	Service Manual
513 BCT (Business Communications Terminal)		
582-605-030 IS	1	Service Manual
515 BCT (Business Communication Terminal)		
582-606-030 IS	2	Service Manual
500 BCT (Business Communications Terminal)		
582-607-030 IS	1	Service Manual
Dataspeed 4410 Display Terminal		
582-608-030 IS	1	With Optional Integrated Modem — Service Manual
4425 Display Terminal		
582-609-030 IS	1	Service Manual
582-609-050 IS	1	Testing the Terminal for On-Line Capability Using the TEKTRONIX 834 Data Communications Tester and the Navtel Supercheck
610/615 Terminals		
582-610-000 IS	2	Job Aid
582-610-030 IS	3	Service Manual
505 Personal Terminal		
582-613-030 IS	1	Service Manual
4418 Display Terminal		
582-614-030 IS	1	Service Manual
5620 Terminal		
582-615-030 IS	1	Dot Mapped Display
605 Business Communications Terminal		
582-618-000	1	Job Aid
582-618-030 IS	1	Service Manual
620 Multi-Tasking Graphics Terminal		
582-620-000 IS	1	Job Aid
582-620-030 IS	1	Service Manual
510D-R2 Terminal		
582-624-030 IS	1	Service Manual
630 Multi-Tasking Graphics Terminal		
582-630-000 IS	1	Job Aid
582-630-030 IS	1	Service Manual

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500 BCT		
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582-901-003 IS	1	Troubleshooting, Disassembly/Reassembly and Parts, and Adjustments

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582-901-102 IS	2	Installation, Testing and Routine Maintenance
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- -201 AP16
- -205 Unified Messaging Center
- -206 Visual MAAP
- -210 3B5 Applications Processor
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* UNIX is a registered trademark of Novell, Inc.

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585-222-100	2	DEFINITY Manager III — Installation and Initialization
585-222-201	1	DEFINITY Proc Mode Operation
■ 585-222-402	1	DEFINITY Manager III Delta R2.2

Number	Issue	Subject
585-222-610	2	DEFINITY Manager III — Planning and Implementation
585-222-701	3	DEFINITY Manager III — Operations

585-223 DEFINITY Manager IV

Number	Issue	Subject
585-223-010	1	Introduction to DEFINITY — Manager IV
585-223-011	1	DEFINITY Manager IV — Documentation Roadmap
Addendum	3	
❶ 585-223-100	1	DEFINITY Manager IV — Installation, Initialization, and Maintenance Manual
Addendum	2	
❶ 585-223-402	1	DEFINITY Manager IV — Upgrade Manual
❶ 585-223-404	1	DEFINITY Manager IV 2.2 Upgrade Manual
585-223-411	1	DEFINITY Manager IV Delta Document 1.0.
585-223-412	1.2	DEFINITY Manager IV 1.0
585-223-413	1.3	DEFINITY Manager IV 1.0
585-223-414	6/92	DEFINITY Manager IV 2.2 Issue 1.0 Delta
585-223-415	6/93	DEFINITY Manager IV 2.2 Issue 2.0 Delta
585-223-416	4/94	DEFINITY Manager IV 2.2 Issue 3.0 Delta
585-223-417	8/94	DEFINITY Manager IV 2.2 Issue 4.0 Delta
❶ Addendum	1	
❶ 585-223-610	2	DEFINITY Manager IV — Planning and Implementation Manual
❶ 585-223-700	2	DEFINITY Manager IV — System Administration
Addendum	1	
❶ 585-223-701	3	DEFINITY Manager IV — Terminal Change Management Operations
❶ 585-223-702	3	DEFINITY Manager IV — Facilities Management Operations
Addendum	1	
585-223-703	1	DEFINITY Manager IV — Query and Report Languages
❶ 585-223-706	2	Getting Started With DEFINITY Manager IV
❶ 585-223-708	1	DEFINITY Manager IV — Quick Reference Card

Number	Issue	Subject
❶✇585-223-750	2	Centralized System Management to Manager IV Upgrade: A Person Tutorial

585-224 CAFE

Number	Issue	Subject
585-224-701	1	CAFE User's Guide

585-225/230 ACCUMASTER® Trouble Tracker

Number	Issue	Subject
585-225-021	1	Introduction to Trouble Tracker
Addendum	2	
585-225-102	2	ACCUMASTER Trouble Tracker — Installation Manual RIV3.1 (11-93)
585-225-401	1	Trouble Tracker R1, V1.1
585-225-402	1	Trouble Tracker Software
585-225-601	2	ACCUMASTER Trouble Tracker — Planning Manual RIV2
585-225-602	1	Facilities Tracker RIV2 — Planning Manual
Addendum	1	
585-225-603	3	Trouble Tracker Planning Guide
585-225-604	1	Trouble Tracker Asynchronous Notification Protocol
585-225-702	1	Facilities Tracker RIV2 — Operations Manual
585-225-703	3	ACCUMASTER Trouble Tracker — Operations Manual (2-94)

585-228 Inbound Services Management

Number	Issue	Subject
Addendum	1	
585-228-101	1	Inbound Services Management Workstation RCS-PCT — Installation Guide
585-228-104	2	Inbound Accumaster Services Workstation (IASW) TOPMS Installation Guide
585-228-105	8/92	IASE AT&T Ticket Manager Installation Guide Release 1.0
Addendum	10/92	
585-228-108	8/92	IASW CTM/RT Installation (8-92)
Addendum	11/94	
585-228-110	1	IASW Platform Manager Installation R4.0
585-228-111	8/92	IASW Customer Traffic Manager Reports (8-92)
Addendum	8/94	

Number	Issue	Subject
585-228-112	5/94	IASW Routing Manager Installation Guide
585-228-113	12/93	ASW OCDM Installation R2.0
■ 585-228-130	2	AT&T Intelligent Call Processing (ICP) Customer Guide
■ 585-228-132	1	AT&T ICP (Intelligent Call Processing) NAA (Next Available Agent) Customers Guide (1/93)
585-228-202	12/92	CDD Technical Reference R1.0 Update
585-228-203	3/94	OCDD Technical Reference R1.5
585-228-333	R94.3	Routing Control Service (RCS) On-Line User's Guide
■ Addendum	11/94	
■ 585-228-601	7/94	IASW Platform Manager Planning and Configuration Guide R4.0
585-228-602	2	On-line Call Detail Data Phase 0 Provisioning Guide
585-228-603	R2.7	IASW TOPMS Planning/Configuration Guide Release 2.7
585-228-605	12/92	OCDD/RT R1.0 Planning and Configuration On-Line Call Detail Data/Real Time Planning and Configuration
■ Addendum	3	
585-228-701	1	ACCUMASTER Service Workstation R1 Using SMW
Addendum	11/94	
585-228-710	1	IASW Platform Manager User Guide — Inbound Accumaster Services Workstation — AT&T Platform Manager User's Guide
585-228-712	1	QUICAP (Quick Call Attempt Profile) User's Guide R1.0
Addendum	12/94	
585-228-713	3/93	On-line Call Detail Data — User's Guide
Addendum	1/94	
✇585-228-715	10/93	Customer Traffic Data/Real Time User's Guide (Text With Software)
Addendum	1	
585-228-716	1	Getting Started With RT-CTDR
Addendum	8/94	
585-228-718	2/93	IASW Routing Manager User Guide
Addendum	11/94	
585-228-719	3/94	On-line Call Detail Data/RT R2.0 User's Guide
585-228-723	R2.7	IASW TOPMS User's Guide Release 2.7
Addendum	12/93	
585-228-726	8/92	IASW Customer Traffic Manager/Real Time (CTM/RT) User Guide Release 1.0
Addendum	1/94	
585-228-727	7/93	AT&T 800 Service Monitor— Customer User Guide Release C
Addendum	11/92	
585-228-729	8/92	IASW Customer Traffic Manager Reports
Addendum	3/94	
585-228-731	12/93	IASW OCDM Real Time User Guide R2.0
585-228-751	R3.0	OCDD (On-Line Call Detail Data) Audio Learning System (contains a job aid, demo diskettes, and audio tape)
585-228-753	1	CTM/RT Student Guide
✇585-228-754	7/93	800 Service Monitor Demo Floppies Release C (2.0)
585-228-756	R2.5	IASW TOPMS Student Guide R2.5
585-228-757	1	OCMD Student Guide
585-228-759	11/93	IASW Platform Manager Training Guide
585-228-763	3/95	OCDM/RT R2.0.6 Student Guide On-Line Call Detail Manager/Real Time
585-228-764	R3.2	OCDD/RT Release 1.0 Student Guide

585-229 DEFINITY Communications System Generic 3 Management Application

Addendum	1	
585-229-010	1	Introduction to DEFINITY Communications System Generic 3 Management Applications (G3-MA) (6-93)
✇585-229-011	1	DEFINITY Communications System Generic 3 Management Applications — Demo Diskette
585-229-104	1	One Vision DEFINITY G3 HP9000

Number	Issue	Subject
585-229-105	1	One Vision DEFINITY G3 Sun Sparc Station
585-229-106	1	One Vision DEFINITY G3 Star Sent
585-229-107	1	One Vision DEFINITY G3 Proxagen
585-229-201	1	Station Provisioning
■ 585-229-203	4	DEFINITY Communications System Generic 3 Management Applications — Station Provisioning Quick Guides
585-229-205	1	AUDIX Data Exchange - Stand Alone
Addendum	1	
585-229-206	3	DEFINITY Communications System Generic 3 Management Applications— Connectivity and Installation (7-94)
585-229-207	3	Product Identification Form
585-229-208	2	DEFINITY Communications System Generic 3 Management Applications DOS Customer Quick Guide
585-229-209	2	DEFINITY Communications System Generic 3 Management Applications UNIX Customer Quick Guide
585-229-210	1	DEFINITY Generic 3 Intr Prod FM
585-229-502	1	One Vision DEFINITY Generic 3 MIB Specs
585-229-610	1	DEFINITY G3 Management Application Planning and Implementation
Addendum	1	
585-229-703	2	DEFINITY G1 and 3 System 75 Button
585-229-704	1	DEFINITY Label Mstr Oper 4.0
585-229-751	2	System Administration Using the DEFINITY Communications System Generic 3 Management Applications Release 2.0
Addendum	1	
585-229-752	1	System Administration Using the DEFINITY Communications System Generic 3 Management Applications Release 2.1 (Provisioning)

Number	Issue	Subject
585-230 ACCUMASTER Intergrator		
585-230-031	3	Introduction to ACCUMASTER Integrator
585-230-032	1	Introduction to ACCUMASTER Integrator Release 3.0
■ Addendum	2	
■ 585-230-101	2	ACCUMASTER Integrator — Installation and Maintenance Guide
585-230-102	1	ACCUMASTER Integrator Installation and Maintenance Guide Release 3.0
585-230-201	2	ACCUMASTER Integrator — Technical Reference Guide (4-3-92)
Addendum	1	
■ 585-230-202	1	ACCUMASTER Integrator — File Import Programmer's Reference Manual Release 2
■ Addendum	1	
■ 585-230-203	1	ACCUMASTER Automation Programmers Reference Manual Release 2
585-230-204	1	ACCUMASTER Alarm Interface
585-230-205	1	ACCUMASTER SNMP Support Requirements
585-230-206	1	ACCUMASTER Integrator Automation Programmer's Reference Guide
585-230-207	1	ACCUMASTER Integrator File Import Programmer's Reference Guide Release 3.0
585-230-208	1	ACCUMASTER Integrator Technical Reference Guide Release 3.0
585-230-220	1	DEFINITY CallVisor™ ASAI Technical Reference G3 (1-31-92)
585-230-221	1	DEFINITY CallVisor ASAI Protocol Reference G3 (1-31-92)
585-230-222	1	DEFINITY G3 CallVisor ASAI Planning Guide (2-21-92)
585-230-301	1	AT&T - IBM Interoperability Agreement
■ 585-230-500	1	DEFINITY System Management Generic 1 and Generic 3 (1-31-92)
■ 585-230-501	2	ACCUMASTER Integrator — Systems Administration Guide R2

	Number	Issue	Subject
■	Addendum	2	
■	585-230-502	1	ACCUMASTER Integrator — Network Administration Guide
	585-230-503	1	ACCUMASTER Integrator — Network Administration Guide Release 3.0
	585-230-504	1	ACCUMASTER Integrator — System Administration Guide Release 3.0
	585-230-520	1	DEFINITY Call Vectoring Guide (2-21-92)
	585-230-600	1	DEFINITY Planning and Configuration Generic 1 and Generic 3 (1-31-92)
	Addendum	2	
	585-230-601	2	ACCUMASTER Integrator — Planning and Configuration Guide
	585-230-602	1	ACCUMASTER Integrator — Planning and Configuration Guide Release 3.0
	585-230-701	1	ACCUMASTER Integrator — User Interface Reference Card
	585-230-702	1	ACCUMASTER Integrator — User's Reference Card Release 3.0
	Addendum	1	
	585-230-716	1	ACCUMASTER Integrator — User's Guide
■	Addendum	1	
■	585-230-717	1	ACCUMASTER User Guide Release 2
	585-230-718	1	ACCUMASTER Integrator — User's Guide Release 3.0
	585-230-721	1	ACCUMASTER Integrator — Getting Started Guide
	585-230-722	1	ACCUMASTER Integrator — Keyboard Map Flipchart
	Addendum	1	
	585-230-723	1	ACCUMASTER Integrator — Data Collection Guide Release 2
	585-230-724	1	ACCUMASTER Integrator — Data Collection Guide Release 3.0

585-231 Call Attempt Data Collection Services

	Revision R7.0	1/95	
	585-231-201	1	Call Attempt Data Collection Services/Real Time Technical Reference Release 6.0 (1-94)
	Addendum	6/93	
■	585-231-202	10/92	QUICAP (Quick Call Attempt Profile) Technical Reference Release 2.1 Call Attempt Data/Real Time Central Systems Operations Administration and Maintenance
■	Addendum	9/93	
	585-231-601	1	Call Attempt Data/Real Time Planning and Configuration
	Addendum	10/94	
	585-231-701	7/93	Call Attempt Manager/Real Time — User and Administration Guide (10-92)
	Addendum	10/94	
	585-231-702	1	Call Attempt Manager/Real Time Installation (10-92)
	Addendum	R6.2	
■	585-231-703	1	Call Attempt Data/Real Time User Guide and Job Aid
■	585-231-704	10/92	Call Attempt Manager/Real Time Workcenter Supplement
	585-231-750	12/92	Call Attempt Manager/Real Time Student Guide

585-234 ACCUMASTER Network Services

	Addendum	11/94	
	585-234-105	12/93	ACCUMASTER Ticket Manager — User Guide Release 1.5
■✇	585-234-106	11/94	ACCUMASTER Ticket Manager

585-235 ACCUMASTER Services PC

	Addendum	2/94	
	585-235-701	2/94	IASPC Platform Manager User Guide Inbound Accumaster Services Personal Computer Platform Manager User Guide Release 2.0
	Addendum	2/94	
	585-235-702	2/94	IASPC On-Line Call Detail Manager User Guide Inbound ACCUMASTER Services Personal Computer Release 1.0
	585-235-706	R2.3	ACCUMASTER Services Personal Computer Online Call Detail Manager (ASPCOCDM) Student Guide

Number	Issue	Subject
585-241 Outbound Call Management (OCM)		
585-241-102	1	OCM Installation Guide — G1
585-241-104	1	OCM Maintenance Guide
585-241-501	1	OCM Administration Guide — ADCC — G1
585-241-502	1	OCM Administration Guide — ADCC — M1
585-241-503	1	OCM Administration Guide — CONVERSANT
585-241-602	1	OCM Site Preparation — Generic 1
585-241-702	1	OCM Agent's Guide
Addendum	1	
585-241-703	1	OCM Supervisor's Guide
585-245 ISDN Gateway		
585-245-101	1	ISDN Gateway Installation and Maintenance Guide
585-245-201	1	ISDN Gateway Planning and Application Development
585-246 CALLVISOR ™		
585-246-205	2	CALLVISOR ASAI Installation/Reference
585-247 Call Accounting Systems (CAS)		
585-247-010	1	MERLIN ® Site Installation and Implementation Guide — Integrated Solution II
585-247-050	1	MERLIN LEGEND ® Integrated Solution II — Planning Guide and Forms
585-247-051	1	MERLIN CAS Integrated Solution II — Forms
585-247-070	1	AUDIX® CAS (Call Accounting System) User Guide — E Central Systems Operations Administration and Maintenance
585-247-071	1	CAS Reference Card
585-247-110	10/91	CAS Plus — V3 Installation
585-247-111	1	CAS Plus — V3 Administration and Operations Guide
585-247-117	1	CAS Plus — V3 Quick Reference Card
585-247-120	1	CAS Integrated Solution — User Guide
585-247-122	1	Hacker Tracker/Intergrated Solution CAS — User Guide
585-247-201	1	Call Accounting Terminal (Basic) Installation and Use (MERLIN® Plus, MERLIN LEGEND®, MERLIN II, SPIRIT® 2448)
585-247-202	1	Call Accounting Terminal (Basic) Installation and User (PARTNER II)
585-247-203	1	Call Accounting Terminal Plus/Business Installation and Use (MERLIN II, MERLIN Plus, MERLIN LEGEND, PARTNER® II, SPIRIT 2448)
585-247-204	1	Call Accounting Terminal Plus/Hospitality Installation and Use (MERLIN II, MERLIN Plus, MERLIN LEGEND, SPIRIT 2448, PARTNER II)
585-247-205	1	Call Accounting Terminal Plus CAT Watch Dog — Installation and Use
585-249 MERLIN LEGEND ®		
585-249-710	1	MERLIN LEGEND Applications
585-3 Voice Messaging Systems		
585-300 AUDIX (Audio Information Exchange) General		
585-300-010	5	AUDIX Documentation Guide (11-93)
585-300-011	4	DEFINITY AUDIX System R1.0 Documentation Guide
585-300-050	1	AUDIX Training Tape
585-300-109	4	DEFINITY AUDIX System R1.0 Installation Checklist
585-300-110	4	DEFINITY AUDIX System R1.0 Maintenance
585-300-111	5	DEFINITY AUDIX System R1.0 Installation
585-300-205	5	DEFINITY AUDIX System R1.0 System Description
585-300-206	3	DEFINITY AUDIX System R1.0 Feature Descriptions
585-300-207	2	DEFINITY AUDIX System R1.0 Forms Reference
585-300-210	1	DEFINITY AUDIX System R3.0 Forms Reference

Number	Issue	Subject
585-300-211	1	DEFINITY AUDIX System R3.1 Screens Reference
585-300-401	1	DEFINITY AUDIX System R1.0 to R2.0 Change Description
585-300-402	1	DEFINITY AUDIX System R2.0 to R3.0 Change Description
585-300-404	1	DEFINITY AUDIX System R3.0 to R3.1 Change Description
585-300-507	4	DEFINITY AUDIX System R1.0 Administration
585-300-509	4	Switch Administration for DEFINITY AUDIX System R1.0
585-300-512	5	AMIS Analog Networking and Message Delivery for DEFINITY AUDIX System (1-94)
585-300-516	2	DEFINITY AUDIX R1.0 Announcement Customization
585-300-526	1	DEFINITY AUDIX System Announcement Customization - U.S. English TDD
585-300-527	1	DEFINITY AUDIX System Announcement Customization - U.S. English
585-300-528	1	DEFINITY AUDIX System Announcement Customization - Latin Spanish
585-300-529	1	DEFINITY AUDIX System Announcement Customization - Canadian French
585-300-530	1	DEFINITY AUDIX System Announcement Customization - British English
585-300-535	1	DEFINITY AUDIX System Announcement INT - US English
585-300-536	1	DEFINITY AUDIX System 123 Announcement INT - US English
585-300-537	1	DEFINITY AUDIX System Announcement INT - British English
585-300-538	1	DEFINITY AUDIX System Announcement INT - Canadian French
585-300-539	1	DEFINITY AUDIX System Announcement INT - Latin Spanish
585-300-540	1	DEFINITY AUDIX System 3.1 TDD Announcement INT 3.2 - US English
585-300-541	1	DEFINITY AUDIX System 3.1 Announcement INT 3.2 - Dutch
585-300-542	1	DEFINITY AUDIX System 3.1 Announcement INT 3.2 - Portugese
585-300-543	1	DEFINITY AUDIX System 3.1 Announcement INT 3.2 - French
585-300-544	1	DEFINITY AUDIX System 3.1 Announcement INT 3.2 - Polish
585-300-545	1	DEFINITY AUDIX System Announcement INT - German
585-300-546	1	DEFINITY AUDIX System 3.1 Announcement INT 3.2 - Japanese
585-300-701	2	A Portable Guide to DEFINITY AUDIX Voice Messaging
585-300-702	3	DEFINITY AUDIX Voice Messaging Quick Reference (10-93)
585-300-703	4	DEFINITY AUDIX Voice Messaging Subscriber Document Artwork
585-300-704	2	DEFINITY AUDIX Voice Messaging Wallet Card
585-300-705	4	Multiple Personal Greetings Quick Reference
585-300-706	1	DEFINITY AUDIX Outcalling Quick Reference (8-94)
585-300-902	1	Application Notes
■ 585-300-903	4	AUDIX Networking Implementation Guide
■ 585-300-904	5	Planning for DEFINITY AUDIX System R1.0
585-300-905	1	Multiple Personal Greetings Quick Reference

585-302 AUDIX RIV2-R1V3

585-302-105	1	Installation
585-302-107	5	Upgrade Instructions for R1V1 1:4 to R1V2 2:0
585-302-108	13	AUDIX R1V7 Upgrade Instructions
Addendum	2	
585-302-501	2	Enhanced Administrators Manual
585-302-502	10	AUDIX Administration and Data Acquisition Package (1/94)
585-302-504	4/89	Stella Business Graphics
585-302-701	2	Enhanced — User Guide
585-302-702	2	Enhanced — Quick Reference Guide
585-302-703	2	Enhanced — Wallet Card

Number	Issue	Subject
585-304 AUDIX Enhanced III		
Addendum	1	
585-304-106	1	Enhanced III — Maintenance
Addendum	2	
585-304-202	1	Enhanced III — Forms Reference
585-304-203	3	AUDIX Integration Package for the SL-1 Switch: Administration and Reference
585-304-204	3	AUDIX Integration Package for the DMS- 100: Administration and Reference
Addendum	1	
585-304-501	1	Enhanced III — Administration
585-304-701	1	User Guide
585-304-702	2	A Portable Guide to AUDIX — Enhanced III
585-304-703	1	AUDIX III Wallet Card
585-304-704	1	AUDIX Enhanced III User's Reference
585-304-705	2	Business Card Sticker
585-304-706	1	Business Card Artwork
585-305 AUDIX Release 1 Version 5		
585-305-105	4	AUDIX R1V6 Installation
585-305-106	4	AUDIX Maintenance for Tier 1 (10-93)
585-305-201	4	AUDIX R1V6 System Description
Addendum	2	
585-305-202	1	Forms Reference
585-305-203	4	AUDIX Feature Descriptions
585-305-204	1	AUDIX Release 1 Version 6 Forms Reference
585-305-208	1	AUDIX Release 1 Version 7 Forms Reference
585-305-209	1	AUDIX Release 1 Version 8 Forms Reference (10-93)
585-305-405	1	AUDIX Release 1 Version 8 8:2 New Feature Package
585-305-501	4	AUDIX Administration (11-93)
585-305-505	5	Switch Administration for AUDIX Voice Messaging
585-305-506	3	AUDIX Call Detail Recording Package
585-305-531	1	AUDIX Announcement Customization R1V2 through R1V7 (11-93)
585-305-532	1	AUDIX Announcement Customization — Standard User (10-93)
585-305-533	1	AUDIX Announcement Customization — Traditional User (10-93)/
585-305-702	2	A Portable Guide to AUDIX Release 1 Version 5
585-305-703	2	AUDIX Voice Messaging Wallet Card
585-305-707	2	AUDIX Voice Messaging Quick Reference
585-305-708	2	Quick Reference Artwork
585-305-709	1	A Portable Guide to AUDIX Voice Messaging
585-305-710	1	AUDIX Voice Messaging Quick Reference
585-305-711	2	AUDIX Voice Messaging Subscriber Artwork — Includes Masters for Quick Reference, Wallet Card and M. P. Greetings
585-305-712	1	AUDIX Voice Messaging Wallet Card
585-305-713	1	AUDIX Multiple Personal Greetings Quick Referance
585-305-714	1	AUDIX Voice Messaging Quick Reference (10-93)
585-305-715	1	A Portable Guide to AUDIX Voice Messaging (9-93)
585-305-716	1	AUDIX Voice Messaging Subscriber Artwork Package — Traditional User (10-93)
585-305-717	1	AUDIX Voice Messaging Wallet Card (9-93)
585-305-718	1	Voice Messaging Subscriber Artwork Package Standard
585-306-402	1	AUDIX R1V7 Change Description Iss. 7:1 to 7:2
585-306-403	1	AUDIX R1V8 Iss. 8:1 to 8:2 Change Description
585-310 AUDIX VOICEPOWER™ (AVP)		
Addendum	1	
585-310-010	1	AUDIX VOICEPOWER Release 2.1.1 Switch Notes for System 75 Communications System
585-310-011	1	AVP Switch Notes for System 25 (Order 555-600-629)
585-310-012	1	AUDIX VOICEPOWER Release 2.1.1 Switch Notes for System 25 Communications System

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585-310-013	1	AUDIX VOICEPOWER System R3.0 Documentation Guide
585-310-015	1	AUDIX VOICEPOWER Planning Forms
✇585-310-020	1	Int Convers 5.0 Documentation Guide
✇585-310-050	1	AUDIX VOICEPOWER Tutorial — A Personal Tutorial — (Text & 1/2" VHS Tape)
585-310-101	1	4A Hardware — Installation Guide
585-310-102	1	Installation and Operations Guide
585-310-103	1	Installation Handbook
585-310-104	1	Administration Handbook for Technician's Use
585-310-107	1	AUDIX VOICEPOWER Lodging — Property Management System Interface Specification
585-310-108	1	AUDIX VOICEPOWER Installation and Maintenance Guide
585-310-111	1	6386/33 and 6386/25 Voice Processing Hardware Installation
585-310-112	1	AUDIX Voicepower™ System R3.0 Installation Checklist
585-310-113	1	AUDIX Voicepower System R3.0 Maintenance
585-310-115	1	AUDIX Voicepower System R3.0 Software Installation
585-310-117	1	AUDIX Voicepower Lodging Release 3.0 MAP/5 Installation
585-310-118	1	AUDIX Voicepower Lodging Release 3.0 Switch Integration to System 75, G1, G3
585-310-125	1	AUDIX VOICEPOWER Lodging Installation Guide R1.1
585-310-126	1	AUDIX VOICEPOWER Lodging Property Management Installer's Checklist System R1.1
585-310-128	2	AUDIX VOICEPOWER Lodging Property Management System Specifications
585-310-131	1	AUDIX VOICEPOWER Lodging Interface System 75/DEFINITY
585-310-135	1	AUDIX VOICEPOWER R1.1 Installation
585-310-136	1	AUDIX VOICEPOWER Service Management R1.1 Installer's Checklist
585-310-137	1	Intuity MAP 100 Installation Checklist
Addendum	2	
585-310-138	1	Intuity MAP/40 Hardware Installation
Addendum	2	
585-310-139	1	Intuity MAP 100 Installation
585-310-140	1	Intuity Software Installation
585-310-141	1	Intuity MAP/40 Installation Checklist
Addendum	1	
585-310-146	1	Intuity MAP/5 Hardware Installation
585-310-147	1	Intuity MAP/5 Installation Checklist
585-310-148	1	Convers 5.0 MAP/100 Hardware
585-310-149	1	Convers 5.0 MAP/100 CHRD
585-310-150	1	Convers 5.0 MAP/40 Hardware
585-310-151	1	Convers 5.0 Software Installation
585-310-152	1	Convers 5.0 Upgrades
585-310-153	1	Convers 5.0 Maintenance
585-310-154	1	INT MAP/5 Installation Checklist
585-310-155	1	INT MAP/40 Installation Checklist
585-310-156	1	INT MAP/100 Installation Checklist
585-310-157	1	INT Software Installation R2
585-310-158	1	INT Upgrade MIG R2
585-310-159	1	INT Con Vis Ins
585-310-160	1	Intuity Software Installation 3.0
585-310-161	1	Intuity Installation Checklist
585-310-162	1	Intuity Upgrade Migration Program
585-310-201	1	AVP R3.0 NEC NEAX 2400 MCI Switch Integration
585-310-202	1	AUDIX Voicepower System R3.0 System and Feature Description
585-310-203	1	AUDIX VOICEPOWER System, R3.0 Switch Integration to System 75 DEFINITY Generic 1 and DEFINITY Generic 3
585-310-205	1	AVP R3.0 Northern Telecom SL-I Switch Integration
585-310-206	1	AUDIX Voicepower Switch Integration To ROM 8000, 9000, and 9751 CBX
585-310-208	1	AUDIX Voicepower System R3.0 Switch Integration Toolkit

Number	Issue	Subject
585-310-211	1	Intuity AUDIX System Description
585-310-212	1	Intuity AUDIX Feature Description
585-310-214	1	Intuity System 75/G1/G3
585-310-215	1	Intuity Integration with System 85 and DEFINITY Communications System Generic 2
585-310-216	1	Intuity Integration NEC NEAX 2400 Switch
585-310-219	1	Intuity Integration 5ESS
585-310-220	1	Intuity Integration ROLM 8000, 9000, and 9751
585-310-223	1	Intuity Integration DMS100
585-310-225	1	Intuity Convers 5.0 System Decription
585-310-226	1	Intuity Convers 5.0 IRAPIRP
585-310-227	1	Intuity Convers 5.0 Application Device
585-310-228	1	Intuity Convers 5.0 Speech Device
585-310-229	1	Intuity Convers 5.0 Commands Development
585-310-230	1	Intuity Convers 5.0 Commands Reference
585-310-231	1	Intuity Integration with Merlin Legend
585-310-406	1	Intuity Convers 5.0 Change Description
585-310-501	1	AUDIX VOICEPOWER Administration Guide
585-310-502	1	Replacement Chapters Administration Guide
585-310-504	1	Switch Specific Implementation /Administration for System 75 — Integrated
585-310-510	1	Integrated VOICEPOWER Automated Attendant Administration Guide— System 25
585-310-515	1	AUDIX VOICEPOWER Lodging (AVPL)— Manager's Handbook Automated Attendant Administration Guide— System 25
585-310-515REL	1	AVPL-PMS Release Notes (Chained to 585-310-515)
585-310-516	1	AVPL Manager's Reference Guide
Addendum	1	
585-310-520	1	AVP System Managers Guide and Configuration R1.0
585-310-521	1	AVP User's Guide
585-310-525	1	AVP Lodging Administration Guide
585-310-530	1	AVP-SMS — System Manager's Guide
585-310-532	1	AUDIX Voicepower System R3.0 Administration
585-310-533	1	Intuity AUDIX Digital Networking Administration
585-310-534	1	Intuity Platform Administration and Maintenance
585-310-535	1	Intuity AUDIX Announcement Customization - American English
585-310-536	1	Intuity AUDIX Announcement Customization - British English
585-310-537	1	Intuity AUDIX Announcement Customization - Latin Spanish
585-310-538	1	Intuity AUDIX Announcement Customization - French Canadian
585-310-539	1	Intuity AUDIX Administration
585-310-540	1	Intuity Documentation Guide
585-310-551	1	Conversvis 5.0 App Description
585-310-552	1	Intuity Audix R3.2 Feature Operation
585-310-553	1	Intuity Message Manager Installation Administration Diagram
585-310-554	1	Intuity Platform Administration Maintenance R2
585-310-557	1	Intuity Platform Administration Maintenance 3.0
585-310-601	1	AVP-SMS Planning R1.1
585-310-602	1	AUDIX Voicepower System R3.0 Planning
585-310-603	1	Intuity New System Planning
585-310-604	1	Intuity New System Planning R2.0
585-310-650	1	Migration to the Intuity System
585-310-651	1	Intuity System R3.0 Plan Migration and Upgrade
585-310-701	1	AUDIX VOICEPOWER User Guide
585-310-702	2	AUDIX VOICEPOWER Quick Reference Card (System 25)
585-310-705	1	AVPL Attendant Quick Reference Guide
585-310-706	1	AVPL Administrators Quick Reference Guide

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585-310-707	1	AVPL Quick Guest Reference R1.1
585-310-709	1	AVP Wallet Card
585-310-710	2	AVP-SMS Release 1.1 Service Advisor Reference Artwork
585-310-711	1	AVP Release 3.0 Portable User Guide
585-310-712	1	AUDIX VOICEPOWER System R3.0 Quick Reference
585-310-713	1	AUDIX VOICEPOWER System R3.0 Artwork Package
585-310-714	1	AUDIX VOICEPOWER System R3.0 Wallet Card
585-310-715	1	AUDIX VOICEPOWER System R3.0 Business Card Sticker
585-310-718	1	Intuity Intro Voice Response
585-310-721	1	Outcalling Quick Reference (10-93)
585-310-724	1	Intuity VM Artwork Package
585-310-725	1	Intuity Message Manager User Guide
585-310-727	1	Intuity Con 5.0 Script Builder
585-310-728	1	Intuity Call Account System User Guide
585-310-729	1	Intuity Call Account Quick Reference
585-310-730	1	Intuity Audix R3.2 Sub Art
585-310-733	1	Intuity Voice FAX Message User Guide
585-310-734	1	Intuity Voice FAX Message Quick Reference
585-310-735	1	Intuity Audix 3.3 Message Art
Addendum	1	
585-310-901	1	AVP R2.1.1 Planning Guide and Forms

585-312 CONVERSANT® Voice Information System (VIS) Introduction

585-312-110	1	CONVERSANT Intro R1.0 Installation
585-312-111	1	CONVERSANT Intro R1.0 Application Development Software Operations
585-312-112	1	CONVERSANT Intro R1.0 Application Development Software User Guide
585-312-113	1	CONVERSANT Intro R1.1 Advanced Application Toolkit Reference
585-312-114	1	CONVERSANT Intro R1.0 Application Support Software Administration
585-312-115	1	CONVERSANT SSA Installation
585-312-116	1	CONVERSANT SSA Operation and Maintenance
585-312-117	2	CONVERSANT Voice Information System (VIS) Small-Scale Adjunct (SSA) Support (9-93)
585-312-118	2	CONVERSANT Voice Information System — Small-Scale Adjunct (SSA) Data Collection and Reporting Operations Support (9-93)
585-312-120	1	ISX Hardware Platform Installation Guide
585-312-121	1	CONVERSANT Voice Information System Installation and Field Service Guide — Master Controller III
585-312-130	1	Interact Service Express — Installation Guide R1.03
585-312-131	1	Interact Service Express — User's Guide R1.03
585-312-132	1	Interact Service Express — Consultant's Guide R1.03
585-312-133	1	Interact Service R1.3 Master Controller II + III
585-312-133A	1	Interact Service R1.3 Master Controller II + III

585-320 MERLIN MAIL®

585-320-101	1	MERLIN LEGEND Mail— Installation Program and Miscellaneous Guide
585-320-102	1	Voice R2 Instructions
585-320-141	1	MERLIN MAIL Multi-Lingual — Installation R1 System — Programming and Maintenance
585-320-205	1	CONVERSANT Voice Information System (VIS) SDN NRA Improved Sequence Dialing (ISD) Trouble (7-93)
585-320-501	1	MERLIN LEGEND Mail — Planning Guide and Forms
585-320-502	1	R2 Planning Guide
585-320-503	1	MERLIN LEGEND Mail — Planning Forms
585-320-504	1	Plan Forms

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585-320-541	1	MERLIN MAIL Multi-Lingual R1 Planning Guide and Forms
585-320-543	1	MERLIN MAIL R1 Planning Forms
585-320-701	1	MERLIN MAIL Quick Reference Card (5 Per Package (6PLN)
585-320-702	1	MERLIN MAIL — System Manager's Guide
585-320-703	1	Quick Reference Card
585-320-704	1	System Administration
585-320-741	1	MERLIN MAIL Multi-Lingual — Quick Reference Card
585-320-741FR	1	MERLIN MAIL Multi-Lingual — Quick Reference Card (French)
585-320-741SP	1	MERLIN MAIL Multi-Lingual — Quick Reference Card (Spanish)
585-320-742	1	MERLIN MAIL Multi-Lingual — System Administration Card
585-320-742SP	1	MERLIN MAIL Multi-Lingual — System Administration Card (Spanish)

585-321 CLASSIC MAIL®

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■ 585-321-010	2	CLASSIC MAIL Marketing and Sales Guide R1.6
■ 585-321-050	2	CLASSIC MAIL System Planner/206/410/820 R1.6
■ 585-321-051	2	CLASSIC MAIL System Planner/1030 R1.6
585-321-100	1	CLASSIC MAIL VMS R1 System Reference Guide
585-321-101	1	CLASSIC MAIL VMS R1 System Mailbox User Guide
585-321-102	1	CLASSIC MAIL System Mailbox Quick Reference Card
585-321-114	1	CLASSIC MAIL Mailbox User's Guide (9-94)
585-321-115	1	CLASSIC MAIL System Reference Guide (9-94)
585-321-116	1	CLASSIC MAIL Application Notes

585-322 PARTNER® Mail

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585-322-101	1	PARTNER Mail Installation and User Guide
585-322-102	1	PARTNER Mail VS Installation and Use Note: Order 518-322-102
585-322-103	1	PARTNER Mail VS User's Quick Reference Card Note: Order 518-322-103
585-322-104	1	PARTNER Mail MLS Tutor Labels
585-322-501	1	PARTNER Mail — Installation, Administration and Maintenance
585-322-502	1	PARTNER Mail — Planning Forms
585-322-503	1	PARTNER Mail VS R1 Planning and Forms
585-322-701	1	PARTNER Mail — User Quick Reference

585-330 TSC-SS (Technical Service Center Support System)

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■ Addendum	5/93	
■ 585-330-702	5/93	TSC-Store Users Guide (to Organize Recover and Extract)

585-340 OVATION®

Number	Issue	Subject
585-340-101	1	OVATION 6000 Installation and Service
585-340-102	1	OVATION Manager Installation and Service
585-340-103	1	OVATION 2000 Installation and Service
585-340-104	1	OVATION Alarm Processor Installation and Service
585-340-201	1	OVATION External Interface (12-92)
585-340-202	1	OVATION Data Transfer
585-340-203	1	OVATION ScriptWriter
585-340-204	1	OVATION Prompt Generator
585-340-205	1	OVATION SSP Product Description (12-92)
585-340-206	1	OVATION 6000 Product Description (12-92)
585-340-207	1	OVATION 6000 Product Description (12-92)
585-340-208	1	OVATION FaxMail Product Description (12-92)
585-340-210	1	OVATION Prompt Translation and Recording
585-340-211	1	OVATION Feature Description (8-93)
585-340-401	1	OVATION V4.6 Change Description

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585-340-501	1	OVATION 6000 Administration and Operation (12-92)
585-340-502	1	OVATION 2000 Administration Operation
585-340-503	1	OVATION Manager Administration Operation
585-340-601	1	OVATION 2000 Architecture
585-340-602	1	OVATION Alarm Processor Operation
585-340-701	2	OVATION FaxMail Pocket User Guide (1-94)
585-340-702	3	OVATION Version 4.6 Voice Mail User Guide (1-94)
585-340-703	3	OVATION VoiceMail Pocket User Guide
585-340-704	3	OVATION Quick Reference Guide for VoiceMail — Common Access
585-340-713	2	OVATION Quick Refence Guide for VoiceMail — Direct Inward Dialing (1-94)
585-340-901	1	OVATION Voice Messaging System Site Preparation Guide for AT&T 5ESS® Switch Central Office Installation (6/93)
585-340-902	1	OVATION Voice Messaging System Translation Guide for AT&T 5ESS® Switch Central Office Installation (6/93)

585-350/351 CONVERSANT®

585-350-001	2	CONVERSANT Documentation Guide
585-350-002	1	Conversant Voice Information System Version 4.0 Documentation Guide (11-93)
Addendum	1	
585-350-003	1	CONVERSANT Marketing Guide
585-350-004	1	CONVERSANT V3.1 Master Index
585-350-104	1	CONVERSANT V3.1 Software Installation and Upgrade
585-350-105	1	CONVERSANT V3.1 Maintenance
585-350-106	1	CONVERSANT V3.1 Installation Checklist
Addendum	1	
585-350-107	2	Multi-Application Platform/100 Voice Processing Hardware Installation (10-93)
585-350-108	1	Multi-Application Platform/100C Voice Processing Hardware Installation (2-94)
Addendum	1	
585-350-109	1	Multi-Application Platform/40 Voice Processing Hardware Installation (10-93)
585-350-110	2	CONVERSANT Voice Information System Version 4.0 Upgrades
585-350-111	1	CONVERSANT Voice Information System Version 4.0 Software Installation (11-93)
585-350-112	1	CONVERSANT Voice Information System Version 4.0 Maintenance (12/93)
585-350-113	1	CONVERSANT Voice Information System Version 4.0 Installation Checklists (11-93)
585-350-201	1	CONVERSANT Voice Information System — System Description (7-93)
585-350-202	1	CONVERSANT V3.1 Application Development
585-350-203	1	CONVERSANT V3.1 Command Reference
585-350-204	1	CONVERSANT SCSI Mirroring
585-350-205	2	CONVERSANT V3.1 SDN NRA improved Sequence Dialing
Addendum	1	
585-350-207	1	CONVERSANT Voice Information System — System Description (11-94)
585-350-208	1	CONVERSANT Voice Information System Version 4.0 Application Development (11-93)
585-350-209	1	CONVERSANT V4.0 Command Reference
585-350-210	1	CONVERSANT Voice Information System FAX Attendant Co-Residency (11-93)
585-350-211	1	CONVERSANT Voice Information System Version 4.0 486 CPU Upgrade Kit for MAP/100 and MAP/100C
585-350-212	1	CONVERSANT Voice Information System Version 4.0 SCSI Disk Drive Upgrade Kit for MAP/100 & 100C (11-93)
585-350-213	1	CONVERSANT Voice Information System Version 4.0 Upgrade Kit for MAP/40

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585-350-214	1	CONVERSANT Voice Information System Solutions for DEFINITY Call Center
585-350-215	1	Asynchronous Host Toolkit for CONVERSANT VIS Version 4.0
585-350-401	1	CONVERSANT V3.1 Change Description
585-350-402	1	CONVERSANT Voice Informaiton System Version 4.0 Change Description (11-93)
585-350-501	11/93	CONVERSANT V4.0 Application Design Handbook
585-350-601	1	CONVERSANT Voice Information System — Version 3.1 Planning (7-93)
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585-350-602	1	CONVERSANT Voice Information System — Version 4.0 Planning (2-94)
585-350-701	1	CONVERSANT V3.1 Operations
585-350-702	1	CONVERSANT Script Builder
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585-350-703	1	CONVERSANT Voice Information System Version 4.0 Operations (11-93)
585-350-704	1	CONVERSANT Voice Information System Script Builder (10-93)
585-350-705	1	CONVERSANT Graphical Speech Editor (12-93)
585-350-706	1	CONVERSANT Silent Sentry
585-350-707	2	CONVERSANT Directory Assistant Software Operation
585-350-708	1	CONVERSANT Script Builder FAX Actions (9-94)
585-350-709	1	CONVERSANT Script Builder FAX
585-350-801	1	CONVERSANT External Alarms
585-350-802	1	CONVERSANT Call Classification Analysis
585-350-803	1	CONVERSANT Speech Recognition
585-350-804	1	CONVERSANT Adjunct/Switch Application Interface
585-350-805	1	CONVERSANT Primary Rate Interface
585-350-806	1	CONVERSANT Form Filler +
585-350-807	1	CONVERSANT Text to Speech
585-350-808	1	CONVERSANT COMPUIERT®/SCCS
585-350-809	1	CONVERSANT Local Area Network
585-350-810	1	CONVERSANT Net View Alarms
585-350-811	1	CONVERSANT Voice Information System Call Classification Analysist (11-93)
585-350-812	1	CONVERSANT Voice Information System Adjunct/Switch Application Interface (11-93)
585-350-813	2	CONVERSANT V4.0 Voice Information System Whole Word Speech Recognition
585-350-814	1	CONVERSANT Voice Information System Flex Word Recognition
585-350-815	1	CONVERSANT Voice Information System Host Interface (11-93)
585-350-816	1	CONVERSANT Voice Information System Consumer Long Distance (CLD) Support Version 1.1
585-350-818	3	CONVERSANT Signature 800 with Access Code Support
585-350-821	1	CONVERSANT Voice Information System (Spanish)
585-351-101	1	CONVERSANT Intoduction — Hardware and Software Installation (8-93)
585-351-102	1	CONVERSANT V3.1.1 Upgrades
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Division 590

Data Systems — General Information

590-000 Indexes and Reference Guides

- **-010 General Installation, Maintenance, and Test Information**
- **-011 Data Sets in 40A3 Data Mountings**
- **-100 Data Units**
- **-101 Circuit Packs**
- **-102 Data Mountings**
- **-103 Data Coupler**
- **-104 Data Multiplexer**
- **-105 Data Station Selector**
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590-000 Indexes and Reference Guides		
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590-000-100	3	Implementation of Data Services Interdepartmental Coordination
590-000-101	1	Description of Data Set Features and Options
590-000-102	3	Reference Guides — Cross-Reference Information
590-000-103	1	Data Apparatus Substitution Guide
590-000-110	1	1000A Data Coupler — Reference Guide
590-000-111	3	Data Services — Data Access Arrangement USOC CBS — Provided by 1001A and 1001F Data Couplers — Reference Guide
590-000-112	2	Data Services — Data Access Arrangement USOC CBT — Provided by 1001B and 1001D Data Couplers — Reference Guide
590-000-120	1	DATAPHONE® Multiplex Service — Data Multiplex System Using 1200A-Type Data Multiplexer — Reference Guide
590-001-100	2	Data Set 103A-Type — Reference Guide
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590-001-106	1	Data Set 103H1 — Reference Guide
590-001-107	1	Data Set 108-Type — Used With Voice Grade Circuits — Reference Guide
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590-001-109	1	113-Type Data Station
590-002-100	2	Data Services — 2000 and 2400 BPS Provided by Data Set 201-Type — Reference Guide
590-002-101	1	Data Service up to 1200 BPS on the Switched Network — Provided by Data Set 202S-Type — Reference Guide
590-002-102	5	Data Set 202C-Type — Reference Guide
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590-002-104	1	Data Set 202E-Type — Reference Guide
590-002-105	1	Data Set 205B-Type — Reference Guide
590-002-106	1	Data Set 205C2 — Reference Guide
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590-002-107	1	Data Set 203-Type — Reference Guide
590-002-108	2	Data Set 202R — Reference Guide
590-002-110	3	4800-Bit Per Second (BPS) — Service Using Data Set 208-Type
590-002-115	1	9600-Bits Per Second (BPS) — Service Using Data Set 209A-L1 — Reference Guide
590-004-100	2	Parallel Data Transmission Up to 20 Characters per Second Provided by Data Sets 401-Type — Reference Guide

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	590-004-104	2	Data Set 402A-Type and Data Set 402C- Type — Reference Guide
	590-004-105	1	Data Set 402D-Type — Reference Guide
	590-004-106	3	Data Sets 403A-, D-, and E-Types — Reference Guide
	590-004-107	1	Data Set 401L-Type — Reference Guide
	590-004-109	2	407-Type Multiple Data Station — Reference Guide
	590-004-115	1	VU SET* DS151A Data Station — Description, Installation, and Maintenance
	590-005-100	1	Data Service Unit and Channel Service Unit for DATAPHONE Digital Service — Private Line — Reference Guide
	590-005-101	1	Data Service Unit and Channel Service Unit for DATAPHONE Switched Digital Service — Reference Guide
	590-006-100	1	Data Set 601-Type — Reference Guide
	590-006-101	3	Data Set 602C-Type — Reference Guide
	590-006-102	1	Data Sets 603A-Type and 603D — Reference Guide
	590-006-103	2	Data Set 603B-Type — Reference Guide
❶	590-006-104	2	Data Set 604A-Type — Reference Guide
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	590-006-106	1	Data Set 602D-Type — Reference Guide
	590-008-100	2	Data Auxiliary Set 801A-Type — Reference Guide
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	590-008-102	2	Data Auxiliary Set 804A-Type — Reference Guide
	590-008-103	1	Data Auxiliary Set 801C List Type
	590-009-100	2	Returned Material Tag — General Information

* VU SET is a registered trademark of Citicorp North America, Inc.

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590-010 General Installation, Maintenance, and Test Information			
	590-010-200	4	Data Sets and Data Access Arrangements — General Installation and Connection Information
	590-010-201	8	Data Sets — Multiple Installation Information
	590-010-202	2	Data Sets — Station Arrangements for Mixed Data Set Types in 40A-Type Data Mountings
	590-010-300	1	Data Systems — DATAPHONE Service on Direct Dialing Network — Overall Field Force Maintenance Procedures
	590-010-400	1	Manual Key Switching — Arrangements for Data Services — Installation and Connection Diagrams
	590-010-500	2	J1P005 Automatic Data Test System (ADTS) — Operation From Field Locations
590-011 Data Sets in 40A3 Data Mountings			
	590-011-202	1	Data Sets — Registered — Arrangements
590-100 Data Units			
	590-100-100	2	58A Control Unit — Identification
	590-100-101	3	3A-Type — Identification
	590-100-102	2	Station Reverse Channel Units 1A-Type, 1B-Type, 2A-Type Data Units — Description and Operation
❶	590-100-103	1	5A1 — Description
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	590-100-106	3	10A-Type — Identification
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	590-100-110	2	8A-Type — Identification
	590-100-111	2	15A1, 15A2, and 15A3 — Identification
	590-100-112	2	14A2 — Identification
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	590-100-114	2	27A1 and 27B1 — Identification
	590-100-115	2	22A-Type (Transmitter) — Identification

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590-100-116	2	23A-Type (Receiver) — Identification
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590-100-117	2	24A-Type (Common Control Equipment) — Identification
590-100-122	2	32A-Type — Description and Operation
590-100-123	1	33-Type Data Unit — Description
590-100-126	1	35A1 — Identification
590-100-127	1	36A1 — Identification
590-100-128	1	37A1 — Identification
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590-100-130	1	39A1 — Identification
590-100-131	1	44A1 — Tone Detector — Description
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590-100-135	1	45-Type — Identification
590-100-136	1	50A1 — Identification
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590-100-139	1	52A1 — Identification
590-100-141	2	57A1 and 57B1 Data Units — Description, Operation, Installation and Testing

590-101 Circuit Packs

590-101-000	2	150A Channel Service Unit — Description, Installation, Maintenance, and Tests
590-101-100	1	AR578 — Identification
590-101-102	1	AR751 — Identification
590-101-103	5	97-Type Connecting Blocks and 97A-Type Data Mountings — Identification, Installation, Maintenance, and Testing — Single and Multiline Installations — Jacks for Registered Data Equipment
590-101-180	1	150A Channel Service Unit — Station — Summarizing Specification

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590-102 Data Mountings

590-102-100	1	1A-Type — Identification
590-102-101	2	1B2-Type — Identification
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590-102-104	1	4A-Type — Identification
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590-102-114	2	22-Type — Identification
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590-102-131	5	40-Type — Identification
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	590-102-161	2	64A- and 64C-Type Data Mounting — Identification
	590-102-160	1	63A-Type Data Mounting — Identification
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590-103 Data Coupler

❶	590-103-100	1	F-57951 — Description, Installation, Maintenance, and Testing
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❶	590-103-101	1	F-58012 — Description and Operation
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❶	590-103-102	1	F58118 — Description, Installation, Maintenance, and Testing
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	590-103-103	4	1000A — Description, Installation, Maintenance, and Tests
	590-103-104	5	1001A — Description, Installation, Maintenance, and Tests
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❶	590-103-201	2	F-58012 — Installation and Connections
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590-104-101	2	1200A-Type — Description
590-104-102	1	1800B-L1 Data Control Unit (RCU) — Description
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592-011 201A and B Types		
592-011-100	3	Transmitter-Receiver — Description and Operation
592-011-101	4	201A3, A4 and 201B3, B4 — Transmitter- Receiver — Description and Operation
592-011-102	2	201A and 201B-List Type — Transmitter- Receiver — Description and Operation
592-011-151	4	201A3, A4, and 201B3, B4 — Transmitter- Receiver Supplementary Information
592-011-152	1	Transmitter-Receiver — Theory of Operation and Supplementary Information
Addendum	1	
592-011-200	4	201A1, A2, and 201B1, B2 — Transmitter- Receiver — Installation and Connections
592-011-201	7	201A3, A4 and 201B3, B4 — Transmitter- Receiver — Installation and Connections
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592-011-202	3	201A- and 201B-List Type — Transmitter- Receiver — Installations and Connections
592-011-300	2	201A1, A2 and 201B1, B2 — Transmitter- Receiver — Maintenance
592-011-301	4	201A3, A4 and 201B3, B4 — Transmitter- Receiver — Maintenance
592-011-302	2	201A- and 201B-List Type — Transmitter- Receiver — Maintenance
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592-011-500	2	201A1, A2 and 201B1, B2 — Transmitter- Receiver — Test Procedures
592-011-501	6	201A3, A4 and 201B3, B4 — Transmitter- Receiver — Test Procedures
592-011-502	3	201A and 201B List Type — Transmitter- Receiver — Test Procedures
592-013 202A-Type		
592-013-100	3	Description and Operation
592-013-200	4	Installation and Connections
592-013-300	2	Maintenance
592-013-400	1	Connections
592-013-500	4	Transmitter-Receiver — Test Procedures
592-014 202B-Type		
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592-014-100	2	Transmitter-Receiver — Identification and Operation
592-014-200	3	Transmitter-Receiver — Installation
592-014-300	1	Transmitter-Receiver — Maintenance
592-014-400	2	Transmitter-Receiver — Connections
592-014-500	2	Transmitter-Receiver — Test Procedures
592-015 202C-Type		
592-015-100	3	Transmitter-Receiver — Description and Operation
592-015-200	4	Transmitter-Receiver — Installation and Connections
592-015-300	1	Transmitter-Receiver — Maintenance
592-015-500	3	Transmitter-Receiver — Test Procedures

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592-016 202D-Type		
592-016-100	3	Transmitter-Receiver — Description and Operation
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592-016-150	1	Transmitter-Receiver — Theory of Operation and Supplementary Information
592-016-200	4	Transmitter-Receiver — Installation and Connections
592-016-300	1	Transmitter-Receiver — Maintenance
592-016-500	4	Transmitter-Receiver — Test Procedures
592-017 205-Type		
592-017-100	2	205A — Transmitter-Receiver — Used on Private Service Systems — Switching System No. 307 — Identification and Operation
592-017-101	2	205B-Type — Transmitter-Receiver — Identification and Operation
592-017-102	2	205C Type — Transmitter-Receiver — Identification and Operation
592-017-150	2	205A — Transmitter-Receiver — Used on Private Service Systems — Switching System No. 307 — Supplemental Information
592-017-151	3	205B-Type — Transmitter-Receiver — Theory of Operation and Supplementary Information
592-017-152	3	Transmitter-Receiver — Theory of Operation and Supplementary Information
592-017-200	2	205A — Transmitter-Receiver — Used in Private Service Systems — Switching System No. 307 — Installation and Connections
592-017-201	2	205B-Type — Transmitter-Receiver — Installation Instructions
592-017-202	3	205C2 — Transmitter-Receiver — Installation and Connections
592-017-300	2	205A — Transmitter-Receiver — Used on Private Service Systems — Switching System No. 307 — Maintenance
592-017-301	2	205B-Type — Transmitter-Receiver — Maintenance
592-017-302	2	205C-Type — Transmitter-Receiver — Maintenance
592-017-500	3	205A — Transmitter-Receiver — Used on Private Service Systems — Test Procedures
592-017-501	3	205B-Type — Transmitter-Receiver — Test Procedures
592-017-502	3	205C2 — Transmitter-Receiver — Test Procedures
592-018 202E-Type		
Addendum	1	
592-018-100	3	Description and Operation
592-018-150	2	Transmitter — Theory of Operation and Supplementary Information
592-018-200	4	Transmitter — Installation and Connections
592-018-300	3	Transmitter — Maintenance
Addendum	1	
592-018-500	4	Test Procedures
592-019 203A-, B-, and C-Types		
Addendum	1	
592-019-100	3	203-Type — Description and Operation
592-019-180	3	203-Type — Transmitter Receiver Summarizing Specification — Data Systems
Addendum	1	
592-019-200	4	203-Type — Installation and Connections
592-019-300	2	203-Type — Maintenance
592-019-500	3	203-Type — Test Procedures
592-020 207-Type		
Addendum	2	
592-020-100	1	Transmitter-Receiver — Identification and Operation
Addendum	1	
❶ 592-020-150	1	Transmitter-Receiver — Theory of Operation and Supplementary Information
592-020-200	2	Transmitter-Receiver — Installation and Connections

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592-020-300	1	Transmitter-Receiver — Maintenance
Addendum	1	
592-020-500	2	Transmitter-Receiver — Test Procedures
592-022 202G-Type		
592-022-100	1	Transmitter — Description and Operation
592-022-180	1	Transmitter — Summarizing Specification Data Systems Station
592-023 202H-Type		
592-023-180	1	Receiver Summarizing Specification Data Systems Station
592-024 202M-Type		
592-024-180	2	Receiver Only — Summarizing Specification Data Systems Station
592-025 202R-Type		
592-025-100	2	Transmitter-Receiver — Description and Operation
592-025-150	2	Transmitter-Receiver — Theory of Operation and Supplementary Information
592-025-180	1	Transmitter-Receiver — Summarizing Specifications Data Systems
592-025-200	3	Transmitter-Receiver — Installation and Connections
592-025-300	1	Transmitter-Receiver — Maintenance
Addendum	1	
592-025-500	1	Transmitter-Receiver — Test Procedures
592-026 A1 Digital Data System		
592-026-100	1	Four-Phase Transmitter-Receiver — Identification
592-027 208A-Type		
592-027-100	4	Transmitter-Receiver — Description and Operation
592-027-150	1	Supplementary Information
592-027-180	2	Transmitter-Receiver — Summarizing Specification — Data Systems
592-027-200	5	Transmitter-Receiver — Installation and Connections
592-027-300	4	Transmitter-Receiver — Maintenance
592-027-400	1	Transmitter-Receiver — Wiring Information
592-027-500	4	Transmitter-Receiver — Test Procedures
592-027-501	2	Transmitter-Receiver — Test Procedures Using 921A Data Test Set
592-028 202S-Type		
592-028-100	3	Transmitter-Receiver — Description and Operation
592-028-150	1	Transmitter-Receiver — Supplementary Information
592-028-180	2	Transmitter-Receiver — Summarizing Specification — Data Systems
592-028-200	3	Transmitter-Receiver — Installation and Connections
592-028-300	2	Transmitter-Receiver — Maintenance
592-028-500	3	Transmitter-Receiver — Test Procedures
592-028-501	2	Transmitter-Receiver — Test Procedures Using 921A Data Test Set
592-028-502	1	Testing Data Set 202S From Field Locations — Using J1P005 Automatic Data Test System (ADTS)
592-029 201C-Type		
592-029-100	2	Transmitter-Receiver — Description and Operation
Addendum	1	
592-029-110	1	Transmitter-Receiver — Description and Operation
592-029-120	1	Transmitter-Receiver — Description and Operation
592-029-150	1	Transmitter-Receiver — Supplementary Information

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592-029-200	2	Transmitter-Receiver — Installation and Connections
Addendum	1	
592-029-210	1	Transmitter-Receiver — Installation and Connections
592-029-220	1	Transmitter-Receiver — Installation and Connections
592-029-300	2	Transmitter-Receiver — Maintenance
Addendum	1	
592-029-500	2	Transmitter-Receiver — Test Procedures Using 914-Type Data Test Set
592-029-501	2	Data Set 201C-L1 — Transmitter-Receiver — Test Procedures Using 921A Data Test Set
592-029-510	1	Transmitter-Receiver — Test Procedures
592-029-511	1	Data Set 201C-L1C — Transmitter- Receiver — Test Procedures Using 921A Data Test Set
592-029-512	1	Testing Data Set 201C-L1C From Field Locations — Using J1P005 Automatic Data Test System (ADTS)
592-029-520	1	Transmitter-Receiver — Test Procedures and Maintenance
592-029-521	1	Data Set 201C-L1D — Transmitter- Receiver — Test Procedures Using 921A Data Test Set
592-030 208B-Type		
592-030-100	3	Transmitter-Receiver — Description and Operation
592-030-150	2	Transmitter-Receiver — Supplementary Information
592-030-180	2	Transmitter-Receiver — Summarizing Specification — Data Systems
592-030-200	3	Transmitter-Receiver — Installation and Connections
592-030-300	3	Transmitter-Receiver — Maintenance
592-030-500	3	Transmitter-Receiver — Test Procedures Using the 914-Type Data Test Set (DTS)
592-030-501	2	Data Set 208B-Type — Transmitter- Receiver — Test Procedures Using the 921A Data Test Set
592-030-502	1	Testing Data Set 208B-Type From Field Locations — Using J1P005 Automatic Data Test System (ADTS)
592-031 202T-Type		
592-031-100	3	Transmitter-Receiver — Description and Operation
592-031-150	1	Transmitter-Receiver — Supplementary Information
592-031-180	1	Transmitter-Receiver — Summarizing Specification — Data Systems
592-031-200	4	Installation and Connections — Transmitter-Receiver
592-031-300	2	Transmitter-Receiver — Maintenance
592-031-500	3	Transmitter-Receiver — Test Procedures and Maintenance
592-031-501	2	Transmitter-Receiver — Test Procedures Using 921A Data Test Set
592-032 209A-Type		
592-032-100	1	209A-L1 — Transmitter-Receiver — Description and Operation
592-032-180	1	Transmitter-Receiver — Summarizing Specification — Data System
592-032-200	1	209A-L1 — Transmitter-Receiver — Installation and Connections
592-032-300	1	209A-L1 — Transmitter-Receiver — Maintenance
Addendum	1	
592-032-500	1	209A-L1 — Transmitter-Receiver — Test Procedures
592-032-501	2	209A-L1 — Transmitter-Receiver — Test Procedures Using 921A Data Test Set
592-033 201D-Type		
592-033-100	2	Identification
592-033-180	1	Transmitter/Receiver — Summarizing Specification — Data System

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592-034 212A-Type		
592-034-100	2	212A-L1A/2A — Transmitter/Receiver — Description and Operation
592-034-200	2	212A-L1A/2A — Transmitter/Receiver — Installation and Connections
592-034-500	2	212A-L1A/2A — Transmitter/Receiver — Test Procedures
592-034-501	1	Transmitter/Receiver — Test Procedures Using 921A Data Set
592-034-502	1	Data Set 212A—Testing From Field Locations Using J1P005 Automatic Data Test System (ADTS)
592-035 48230 Local Area Data Set		
592-035-100	1	Description
592-035-200	1	Installation and Connections
592-035-300	1	Maintenance and Test Procedures
592-036 201CR-L1C Transmitter-Receiver — Single Set		
592-036-100	1	Description and Operation
592-036-200	1	Installation and Connections
592-036-500	1	Test Procedures Using 914-Type Data Test Set
592-036-501	1	Test Procedures Using 921A Data Test Sets
592-037 202SR Transmitter-Receiver — Single Set		
592-037-100	1	Description and Operation
592-037-200	2	Installation and Connections
592-037-500	1	Test Procedures and Maintenance
592-037-501	1	Test Procedures Using 921A Data Test Set
592-038 208BR-L1C Transmitter-Receiver		
592-038-100	1	Description and Operation
592-038-200	2	Installation and Connections
592-038-500	1	Test Procedures Using the 914-Type Data Test Set (DTS)
592-038-501	1	Test Procedures Using 921A Data Test Set

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592-039 212AR-L1A/2A		
592-039-100	1	Description and Operation
592-039-200	1	Installation and Connection
592-039-500	1	Test Procedures
592-039-501	1	Test Procedures Using 921A Data Test Set
592-040 DATAPHONE® II Service		
592-040-120	1	PDII Private Line Data Sets 2024, 2048, and 2096 — Description and Operation — Stand Alone — Multiple
592-040-220	1	Private Line Data Sets 2024, 2048, and 2096 — Installation and Connections — Stand Alone — Multiple
592-040-221	1	Private Line Data Set 2096C Installation and Connections Stand Alone — Multiple
592-040-520	1	Private Line Data Sets 2024, 2048, and 2096 — Test Procedures — Stand alone — Multiple
592-100 200A Data Control Unit		
592-100-100	1	Description, Installation, Maintenance, and Tests
592-101 2100A Data Control Unit		
592-101-100	2	(Diagnostic Console) — Description and Operation — DATAPHONE II Service
592-101-200	2	(Diagnostic Console) — Installation and Connections — DATAPHONE II Service
592-101-500	1	(Diagnostic Console) — Test Procedures — DATAPHONE II Service
592-102 2200A Data Control Unit		
592-102-100	1	2200A Data Control Unit (Network Controller) — Description and Operation — DATAPHONE II Service
592-102-101	1	2200A-L1A Data Control Unit (Network Controller) — Description and Operation — DATAPHONE II Service

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592-102-200	1	2200A Data Control Unit (Network Controller) — Installation and Connections — DATAPHONE II Service
592-102-201	1	2200A-L1A Data Control Unit (Network Controller)— Installation and Connections— DATAPHONE II Service
592-102-500	1	2200A Data Control Unit (Network Controller) — Test Procedures — DATAPHONE II Service
592-102-501	1	2200A-L1A Data Control Unit (Network Controller)—Test Procedures DATAPHONE II Service

592-800 DATASPEED Tape-to-Tape Systems

592-800-100	5	Type 1 and Type 2 Tape Senders and Receivers — Description and Operation
592-800-102	2	Type 5
592-800-103	1	With Error Detection and Correction — Type 4 — Description
592-800-110	1	High Speed Tape Winder — Description, Installation, Maintenance, and Principles of Operation
592-800-400	5	Type 1 and Type 2 Tape Senders and Receivers — Electronic Circuitry — Schematic Diagrams and Circuit Board Drawings
Addendum	1	
592-800-401	5	Type 1 and Type 2 Tape Sender and Receivers — Electronic Circuitry — Actual Wiring Diagrams
592-800-702	1	Tools and Maintenance Supplies

592-801 High Speed Tape Reader (CX Type)

592-801-100	6	Description and Principles of Operation
592-801-200	1	Installation
592-801-700	6	Adjustments
592-801-701	6	Lubrication
592-801-702	5	Disassembly and Reassembly

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592-802 High Speed Tape Punch (BRPE Type)

592-802-100	4	General Description and Principles of Operation
592-802-700	5	Adjustments
592-802-701	4	Lubrication
592-802-702	4	Disassembly and Reassembly Routines
592-802-800	4	Parts
592-802-801	2	Base (BRPEB6 and Up) and Cover (BRPEC) — Parts
592-802-802	1	(BRPE1 to BRPE5) Base (BRPEB2 to BRPEB4) and Cover

592-803 High Speed Tape Punch (DRPE Type)

592-803-100	3	Unit (DRPE Type) — Description and Principles of Operation
592-803-400	3	Unit (DRPE Type) — Wiring Diagrams
592-803-700	4	Unit (DRPE Type) — Adjustments
592-803-701	3	Unit (DRPE Type) — Lubrication
592-803-702	3	Unit (DRPE) — Disassembly and Reassembly
592-803-800	8	Parts
❶ 592-803-801	2	Type 4 — Parts

592-804 High Speed Tape Reader (DX Type)

592-804-100	4	Description and Principles of Operation
592-804-110	1	PDI and PTI Interface — Description and Principles of Operation
592-804-300	2	Troubleshooting
592-804-310	1	PCI and PTI Interface — Troubleshooting
592-804-400	3	Schematic Wiring Diagrams
592-804-401	1	Actual Wiring Diagrams
592-804-500	2	Test Procedures
592-804-700	5	Adjustments
592-804-710	1	PDI and PTI Interface — Adjustments and Test Procedures
592-804-800	5	Parts
592-804-801	2	Type 4 — Parts

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	592-805 DATASPEED — High Speed Tape Senders (Types 1 and 2)		
	592-805-101	1	Discrete Calling Recognizer (TP199551) for DATASPEED Tape Sender 2A
	592-805-350	1	DATASPEED Type 2 Tape-to-Tape System — Tape Sender 2A
	Addendum	1	
	592-805-403	4	Tape-to-Tape System — Type 1 and Type 2 Sender Cabinets and Tape Readers — Schematic and Actual Wiring Diagrams
	592-805-700	4	Tape-to-Tape System — Type 1 and Type 2 Tape Senders and Receivers — Cabinets — Adjustments
	592-805-701	3	Tape-to-Tape System — Type 1 and Type 2 Tape Senders and Tape Receivers — Cabinets — Lubrication
	592-805-702	2	Tape-to-Tape System — Type 1 and Type 2 Tape Senders and Tape Receivers — Tools and Maintenance Supplies
	592-805-800	2	Types 1 and 2 Tape Sender Cabinet (AC) and Modules (TTD and TTSC) — Parts
	592-806 DATASPEED — High Speed Tape Receivers (Types 1 and 2)		
	592-806-101	1	Discrete Calling Identifier (TP199550) for DATASPEED Receiver 2B
❶	592-806-350	1	DATASPEED Type 2 Tape-to-Tape System — Tape Receiver 2B
	Addendum	1	
	592-806-403	4	Tape-to-Tape System — Type 1 and Type 2 Receiver Cabinets and Tape Punches — Schematic and Actual Wiring Diagrams
	592-806-800	3	Types 1 and 2 Tape Receiver Cabinet (AC) and Modules (TRD and TRSC) — Parts
	592-807 DATASPEED — High Speed Tape Senders — Type 5		
	592-807-101	4	Discrete Calling Recognizer (TP198002) for DATASPEED Tape Senders 5A and 5C
❶	592-807-350	1	Tape Senders 5A and 5C
	592-807-400	5	Tape Senders 5A and 5C — Schematic and Actual Wiring Diagrams
	592-807-700	3	Tape-to-Tape System — Tape Senders 5A and 5C — Adjustments, Lubrication, and Disassembly
	592-807-800	4	Tape Sender Cabinet (AC) and Electrical Components — Parts
	592-808 DATASPEED High Speed Tape Receivers — Type 5		
	592-808-101	4	Discrete Calling Generator (TP199784) for DATASPEED Tape Receiver 5B
	592-808-102	3	Unattended Send-Receive Apparatus Unit (TP199788) for DATASPEED Tape Receiver 5B
❶	592-808-350	1	DATASPEED Type 5 Tape-to-Tape System — Tape Receiver 5B
	592-808-400	5	Tape-to-Tape System — Tape Receiver 5B — Schematic and Actual Wiring Diagrams
	592-808-800	5	Tape Receiver Cabinet (AC) and Electrical Components — Parts
	592-811 DATASPEED — High Speed Tape Senders (Type 4)		
	Addendum	1	
	592-811-100	1	Tape Sender With Error Detection and Correction — Type 4A — Description and Operation
	Appendix 1	1	
	592-811-101	1	Vertical Parity Inserter (TP308510) for Five to Seven Level Operation of DATASPEED Tape Sender 4A
	Addendum	1	
	592-811-102	1	Discrete Calling Recognizer (TP308513) for DATASPEED Tape Sender 4A

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592-811-103	1	Send-Receive Apparatus Unit (TP308514) for Single Data Set Operation of a DATASPEED Send-Receive Terminal
Addendum	1	
592-811-200	1	Tape Sender With Error Detection and Correction — Type 4A — Installation and Checkout Procedure
592-811-300	3	Tape Sender and Receiver With Error Detection and Correction — Types 4A Sender and 4B Receiver — Troubleshooting
❶ 592-811-350	1	DATASPEED Type 4A Tape Sender — Field Maintenance Practice
592-811-400	4	Tape Sender With Error Detection and Correction — Type 4A — Schematic Wiring Diagrams
592-811-401	4	Tape Sender With Error Detection and Correction — Type 4A — Actual Wiring Diagrams
592-811-700	1	Tape Sender With Error Detection and Correction — Type 4A — Adjustments, Lubrication, and Disassembly
592-811-800	2	Type 4 — Tape Sender Cabinet (AC) and Modules — Parts

592-812 DATASPEED — High Speed Tape Receivers (Type 4)

Addendum	1	
592-812-100	1	Tape Receiver With Error Detection and Correction — Type 4B — Description and Operation
Appendix 1	2	
592-812-101	1	Vertical Parity Detector (TP308511) for Five to Seven Level Operation of DATASPEED Tape Receiver 4B
Addendum	1	
592-812-102	1	Discrete Calling Generator (TP308512) for DATASPEED Tape Receiver 4B
Addendum	1	
592-812-200	2	Tape Receiver With Error Detection and Correction — Type 4B — Installation and Checkout Procedure
❶ 592-812-350	2	Type 4B Tape Receiver
592-812-400	2	Tape Receiver With Error Detection and Correction — Type 4B — Schematic Wiring Diagrams
592-812-401	2	Tape Receiver With Error Detection and Correction — Type 4B — Actual Wiring Diagrams
592-812-700	2	Tape Receiver With Error Detection and Correction — Type 4B — Adjustments, Lubrication, and Disassembly
592-812-800	2	Type 4 — Tape Receiver Cabinet (AC) and Modules — Parts

592-850/852 1A High Speed Selection Calling System

❶ 592-850-101	3	Multivoltage Power Supplies — Description and Principles of Operation
❶ 592-850-400	1	Circuit Cards
❶ 592-850-401	1	Multivoltage Power Supplies — Schematic Wiring Diagrams
❶ 592-850-402	1	Multivoltage Power Supplies — Actual Wiring Diagrams
❶ 592-850-701	1	Multivoltage Power Supplies — Adjustments
❶ 592-850-800	2	Parts
❶ 592-850-801	3	Reader, Punch and Station Controller Cabinets (AC) — Parts
❶ 592-850-802	2	Converter Cabinets (LCAC) — Parts
❶ 592-850-803	1	Module
❶ 592-851-100	3	11A Tape Sender — Description and Principles of Operation
❶ 592-851-400	1	11A Tape Sender — Schematic Wiring Diagrams
❶ 592-851-401	1	11A Tape Sender — Actual Wiring Diagrams
❶ 592-851-402	1	11A Tape Sender — Running List Wiring Diagrams
❶ 592-851-700	3	11A Tape Sender — Adjustments and Lubrication
❶ 592-853-100	3	11C Single High-to-Low Converter and 11G Dual High-to-Low Converter — Description and Principles of Operation
❶ 592-853-400	1	11C Single High-to-Low Converter and 11G Dual High-to-Low Converter — Schematic Wiring Diagrams

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❶ 592-853-401	1	11C Single High-to-Low Converter and 11G Dual High-to-Low Converter — Actual Wiring Diagrams
❶ Appendix 1	1	
❶ 592-853-402	1	11C Single High-to-Low Converter and 11G Dual High-to-Low Converter — Running List Wiring Diagrams
❶ 592-853-700	3	11C Single High-to-Low Converter and 11G Dual High-to-Low Converter — Adjustments and Lubrication
❶ 592-854-100	3	11E Single Low-to-High Converter and 11H Dual Low-to-High Converter — Description and Principles of Operation
❶ 592-854-400	1	11E Single Low-to-High Converter and 11H Dual Low-to-High Converter — Schematic Wiring Diagrams
❶ 592-854-401	1	11E Single Low-to-High Converter and 11H Dual Low-to-High Converter — Actual Wiring Diagrams
❶ Appendix 1		
❶ 592-854-402	1	11E Single Low-to-High Converter and 11H Dual Low-to-High Converter — Running List Wiring Diagrams
❶ 592-855-400	1	11J Combination Converter — Schematic Wiring Diagrams
❶ 592-855-401	1	11J Combination Converter — Actual Wiring Diagrams
❶ Appendix 1		
❶ 592-855-402	1	11J Combination Converter — Running List Wiring Diagrams
❶ 592-855-700	3	11J Combination Converter — Adjustments and Lubrication
❶ 592-856-400	1	11D Master Station Controller and 11F Outlying Station Controller — Schematic Wiring Diagrams
❶ 592-856-401	1	11D Master Station Controller and 11F Outlying Station Controller — Actual Wiring Diagrams
❶ 592-856-402	1	11D Master Station Controller and 11F Outlying Station Controller — Running List Wiring Diagrams
❶ 592-856-700	3	11D and 11F Station Controllers — Adjustments and Lubrication
❶ 592-857-100	3	11K Intercept Tape Receiver — Description and Principles of Operation
❶ 592-857-400	1	11K Intercept Tape Receiver — Schematic Wiring Diagrams
❶ 592-857-401	1	11K Intercept Tape Receiver — Actual Wiring Diagrams
❶ 592-857-402	1	11K Intercept Tape Receiver — Running List Wiring Diagrams
❶ 592-857-700	3	11K Intercept Tape Receiver — Adjustments and Lubrication
❶ 592-858-800	1	Call Directing Code Generator (CDCG) — Parts

592-860 202S Data Station

592-860-100	2	Description and Operation
592-860-200	2	Installation and Connection
592-860-300	1	Maintenance
592-860-500	2	Test Procedures

592-861 202T Data Station

592-861-100	2	Description and Operation
592-861-200	2	Installation and Connections
592-861-300	2	Maintenance
592-861-500	1	Test Procedures

592-862 201C Data Station

592-862-100	2	Description and Operation
592-862-200	2	Installation and Connections

592-900 Paper Handling Equipment

592-900-101	1	High Speed Tape Feeder
592-900-102	1	TUW200 High Speed Tape Unwinder
592-900-800	1	High Speed Tape Winder (TW) — Parts
592-900-801	1	High Speed Tape Feeder (TF) — Parts
592-900-802	2	High Speed Tape Unwinder (TUW) — Parts
592-900-803	1	High Speed Tape Handling Cabinet (AC) — Parts

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592-901 1C Discrete Calling Generator		
592-901-100	2	Description and Operation
592-901-200	2	Installation and Checkout
592-901-300	2	Servicing
592-901-400	2	Circuit Description, Schematic Wiring Diagrams, and Circuit Cards
592-901-401	2	Actual Wiring Diagrams
592-901-800	2	Parts
592-950/956) High Speed Send-Receive Set for Switching System No. 307		
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❶ 592-952-100	4	Electronic Circuitry — Call Control — Modules A, B, and G — Description and Principles of Operation
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❶ 592-952-103	4	Electronic Circuitry — Printer Drive — Modules K, L, M, and N — Description and Principles of Operation
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❶ 592-952-400	1	Electronic Circuits — Call Control — (Modules A, B, G, S) — Schematic Diagrams
❶ 592-952-401	1	Electronic Circuits — Call Control Logic, Relay Rack, and Control Panel (Modules A, B, G, P, and S) — Network Listings
❶ 592-952-402	1	Electronic Circuits — Transmit, Receive, and EDC Logic — (Modules C, D, and H) — Schematic Diagrams
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❶ 592-953-400	1	Wiring Diagrams
❶ 592-953-700	5	Adjustments
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592-953-800	5	High Speed Page Printer (DAP) — Parts
❶ 592-954-100	2	Description and Principles of Operation
❶ 592-954-400	1	(DRPE Type) — Wiring Diagram
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❶ 592-955-100	2	Description and Principles of Operation
❶ 592-955-400	1	(DX Type) — Wiring Diagram
❶ 592-955-700	2	Adjustments
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❶ 592-955-800	2	(DX) — Parts
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❶ 592-956-103	1	Cabinet and Paper Drying Mechanism — Description and Principles of Operation
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❶ 592-956-200	2	Installation and Checkout Procedure
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❶ 592-956-300	2	Troubleshooting
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❶ 592-956-500	2	Test Procedures
❶ 592-956-700	2	Scanner and Recorder Mechanisms — Adjustments and Lubrication
❶ 592-956-701	2	Electronic Circuits — Modules and Power Supply — Adjustments
❶ 592-956-702	2	Cabinets — Adjustments and Lubrication
❶ 592-956-703	1	Removal and Replacement of Components and Disassembly and Reassembly
❶ 592-956-800	1	Scanner, Recorder and Maintenance Tools — Parts (Dixon)
❶ 592-956-801	1	Rectifier, Converter and Filter — Parts (North Electric)
❶ 592-956-802	1	Cabinet and Module — Parts

Division 593

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- **-012 303-Type**
- **-014 305-Type**
- **-015 306-Type**
- **-016 Display Data Set F-58167 for Use With Picturephone**
- **-800 Wideband Station Using Data Set 303-Type**
- **-801 Wideband Station Using Data Set 306 Point-to-Point**

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593-011-500	5	Transmitter-Receiver — Test Procedures
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593-012-100	4	Description
593-014 305-Type		
593-014-180	1	Computer Access for Picturephone Service — Summarizing Specification
593-015 306-Type		
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[A] 593-800-101	2	50-KBPS Government Secure Speech Service — Description and Operation
[A]● 593-800-102	1	Echo-Fox UHF Radio System — Description
[A] 593-800-110	1	Two-Wire Switched Service (DATAPHONE® 50 Service) Description and Operation
[A] 593-800-111	1	Two-Wire Switched Service (460.8 KBPS Data Over Picturephone Facilities) — Description and Operation
[A] 593-800-200	3	Four-Wire Point-To-Point Private Line (Commercial Service) — Installation and Connections
[A] 593-800-201	2	50-KBPS Government Secure Speech Service — Installation and Connections
[A]● 593-800-202	1	Echo-Fox UHF Radio System — Installation and Connections
[A] Addendum	2	
[A] 593-800-210	1	Two-Wire Switched Service (DATAPHONE 50 Service) — Installation and Connections
[A] 593-800-211	1	Two-Wire Switched Service (460.8 KBPS Data Over Picturephone Facilities) — Installation and Connections
[A]● 593-800-302	1	Echo-Fox UHF Radio System — Maintenance
[A] 593-800-500	2	Test Procedures
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A	593-800-510	1	Two-Wire Switched Service — (DATAPHONE 50 Service) — Test Procedures
A	593-800-511	1	Two-Wire Switched Service (460.8 KBPS Data Over Picture-phone Facilities) — Test Procedures

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A	593-801-500	1	Limited Distance — Test Procedures

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-015 401F Type
-016 402A Type
-017 402B Type
-018 401J Type
-019 402C Type
-020 402D Type
-021 404A Type
-022 401H Type
-023 403A Type
-024 404B1 Type
-025 403D Type
-026 403E Type
-027 Data Set 401L
-028 401M Type
-029 405 Type
-030 407 Type
-031 407CR
-800 Data Station 407
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594-011-300	1	D Receivers — Maintenance
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594-014 401E Type		
594-014-100	6	Transmitter — Description and Operation
594-014-150	3	Transmitter — Theory of Operation and Supplementary Information
594-014-200	7	Transmitter — Installation and Connections
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594-016 402A Type		
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594-018 401J Type		
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594-019-500	6	Transmitter — Test Procedures
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594-021-300	2	Transmitter-Receiver — Used on Private Service Systems — Switching System No. 307 — Maintenance
594-021-500	3	Transmitter-Receiver — Test Procedures
594-022 401H Type		
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594-022-200	5	Transmitter — Installation and Connections
594-022-300	6	Transmitter — Maintenance
594-022-500	8	Transmitter — Test Procedures
594-023 403A Type		
594-023-100	2	Receiver — Identification and Operation
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594-023-300	2	Receiver — Maintenance
594-023-500	3	Receiver — Test Procedures
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594-025-101	3	Multiple Data Set Station — Description and Operation
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594-027-300	1	Maintenance
594-027-500	2	Test Procedures
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594-028-200	3	Transmitter — Installation and Connections
594-028-300	1	Transmitter — Maintenance
594-028-500	2	Transmitter — Test Procedures
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594-801-202	1	Installation and Connections
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594-801-500	1	407AR and 407BR — Test Procedures
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Division 595

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595-100-300	2	550A-Type — Maintenance
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Division 596

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Division 598

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-060 824A1 and B1 DAS (Data Recognizer) — D. S. 303
-061 804P Type
-064 820G (Includes 804N5 and 804R5) Type
-066 804N
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598-055 804K Type		
598-055-100	2	Identification
598-056 804L Type		
598-056-100	1	Description and Operation
598-056-200	2	Installation and Connections
598-056-300	1	Maintenance
598-056-500	1	Test Procedures
598-057 804M Type		
598-057-100	1	Identification and Connections
598-058 820D Type		
598-058-100	4	Identification
598-059 820E-Type		
598-059-100	2	Identification
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598-060-100	2	Data Auxiliary Set 824A-Type — 50-Kilobit Data Recognizer (for CPE Use) — Description
598-060-101	1	Data Auxiliary Set 824B-Type — 18.75 Kilobit Data Recognizer — Description
598-060-200	2	Data Auxiliary Set 824A-Type — 50-Kilobit Data Recognizer (for COAM Equipment) — Installation and Connections
598-060-201	1	Data Auxiliary Set 824B-Type — 18.75 Kilobit Data Recognizer — Installation and Connection
598-060-300	1	Data Auxiliary Set 824A-Type — 50 Kilobit Data Recognizer — Maintenance
598-060-500	2	Data Auxiliary Set 824A-Type — 50-Kilobit Data Recognizer (for COAM Equipment Use) — Test Procedures
598-061 804P		
598-061-100	1	804P5, 6, 7, and 8 — Identification
598-063 811D Type		
598-063-100	1	Data Auxiliary Set 811D1 — Identification and Operation
598-063-200	1	Data Auxiliary Set 811D1 — Installation and Connections
598-063-300	1	Data Auxiliary Set 811D1 — Maintenance
598-063-500	1	Data Auxiliary Set 811D1 — Test Procedures

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598-064 820G (Includes 804N5 and 804R5)		
598-064-100	2	Identification
598-064-180	1	Summarizing Specification — Data Systems — Station
598-066 804N		
598-066-100	2	804N1, 804N2, and 804N4 — Identification
598-066-101	1	804N3 and 804N5 — Identification
598-067 804R		
Addendum	1	
598-067-100	2	804R2, 804R3, and 804R4 — Identification
598-067-101	2	804R5 and 804R7
598-068 806C (with 820B5 and CPT and ESS™-ADF)		
598-068-100	1	Data Auxiliary Set 806C1 — Identification
598-070 811F		
598-070-100	1	Description and Operation
598-070-200	1	Installation and Connection
598-070-300	1	Maintenance
Addendum	1	
598-070-500	1	Test Procedures
598-073 811G-L1		
598-073-100	1	Identification
598-074 811H-L1		
598-074-100	1	Identification
598-075 803E1		
598-075-100	1	Identification
598-076 804T		
598-076-100	2	Identification
598-077 806D		
598-077-100	2	Identification
598-078 811J-L1		
598-078-100	1	Identification
598-080 828A and 828C		
598-080-100	3	828A — Description and Operation
Addendum	1	
598-080-101	1	Description and Operation
598-080-180	1	Data Service Units for 4-Wire Private Line Summarizing Specification — Data Systems
598-080-181	1	Data Service Unit for 4-Wire Voiceband Data Transmission — Summarizing Specification — Data Systems
598-080-200	3	828A — Installation and Connections
598-080-201	2	Installation and Connections
598-080-500	3	828A — Maintenance and Test Procedures
598-080-501	1	Maintenance and Test Procedures
598-081 820J-Type		
598-081-100	2	Identification
598-082 829-Type		
598-082-100	3	Description
598-082-200	3	Installation and Connections
598-082-500	3	Procedures

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598-083-100	1	830A — Identification
598-083-101	1	831A — Identification
598-083-102	1	830B — Identification
598-083-103	1	830C — Description, Installation, and Test Procedure
598-083-104	1	832A-L1 — Processor-Controlled Alarm Circuit — Description, Installation, and Test Procedure
598-083-105	2	833A Data Station — Description — Select- A-Station Service
▲598-083-106	2	DATAPHONE® Select-A-Station — 833A Data Station
598-083-107	1	Identification
598-083-180	1	833A — DATAPHONE Select-a-Station Service Summarizing Specification
598-084 820K Through Z Series		
598-084-101	2	820L-Type — Identification
598-085 821-Type		
598-085-100	2	Switched Digital Data System — 821A- Type — Identification
598-087 806E		
598-087-100	2	806E1 and 210A Power Unit — Identification
598-088 801CR		
598-088-100	1	801CR-L1/2 — Description and Operation
598-088-200	1	801CR-L1/2 — Installation and Connections
598-088-500	1	801CR-L1/2 — Test Procedures
598-089 828D		
598-089-100	1	828D — Description and Installation

Division 620

Outside Plant, General

620-0 Indexes, General Information, Symbols and Abbreviations, Administration, and Vehicles

620-1 Precautions

620-2 Clearances

620-3 Railroad Crossings, Tree Pruning, and Brush Spraying

Number	Issue	Subject

620-0 Indexes, General Information, Symbols and Abbreviations, Administration, and Vehicles

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620-000-007	1	WIPs (Workcenter Information Packages)

620-020 General Information — Outside Plant

620-020-005	1	Cable Sheath Openings — Reporting of Openings and Closings to the Cable Test Desk
620-020-020	3	Signals for Use by Outside Plant Forces
■ 620-020-025AC	1	Outside Plant — Communications Overview (10-92)
■ 620-020-026AC	1	Telephone Maintenance Radio Service (TMRS) Network Maintenance
■ 620-020-030AC	1	Post Restoration Protection

620-040 Symbols and Abbreviations — Outside Plant

620-040-011	4	General
■ 620-040-011AC	1	Outside Plant Symbols (1-93)
620-040-012	3	Poles and Associated Equipment
620-040-013	4	Wire
620-040-014	3	Underground Conduit and Manholes — Building Conduit and Housings
620-040-015	8	Cable, Cable Terminals, Closures and Interfaces
620-040-016	4	Loading Coil Cases, Capacitors, Building- Out Networks and Inductors
620-040-017	3	Carrier Systems
620-040-018	2	Cable Pressurization Systems
620-040-019	1	Closed Circuit Television Systems
620-040-020	1	Outside Plant Abbreviations — General

620-050 Outside Plant Construction Administration

620-050-005	2	ED-01 Drawings — Outside Plant Systems

Construction Force Management System

620-050-010	2	General
620-050-011	2	Standard Time Increments — Description and Application
620-050-012	2	Construction Management Center
620-050-013	1	Job Scheduling and Dispatching
620-050-014	1	Field Administration
620-050-015	1	Administration of Overrun Hours
620-050-021	1	Cable Transfer Procedures — 1 ESS™ Switching Office — Delayed Order Method

Quality Review Plan

620-050-030	2	Administration and Procedures
620-050-031	2	Inspection Reference Material
620-050-100	1	Operational Reviews for Outside Plant Construction Forces

MSTIC (Mechanized Standard Time Increment Calculation)

620-050-101	1	General Description
620-050-102	1	Placing Program
620-050-103	1	Splicing Program
620-050-104	1	Data Management and Reports Generation Programs

Plant Protection

■ 620-050-901AC	C	Underground and Buried Routes (7-93)
■ 620-050-910LL	A	Placing Markers and Signs (1-76)

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620-060 Cable, Maintenance Administration		
620-060-020	2	Cable Repair Force Management Plan — Ordering Information
620-060-025	1	Trouble Analysis for Cable Maintenance — Ordering Information
620-060-030	1	Quality Control for Cable Maintenance
■ 620-060-506AC	1	Outside Plant — Maintenance Overview (11-92)
■ 620-060-507AC	1	Outside Plant — Cable and Plant Protection Process (11-92)
■ 620-060-508AC	1	Outside Plant — CHC/OSWF Ticketing Process (11-92)
■ 620-060-509AC	1	Outside Plant — Contact Process (10-92)
620-060-510	3	Joint Utility Coordination and Damage Prevention Plan for Below-Ground Facilities (One-Call System)
620-060-511	1	Subsurface Facilities — Standard Marking and Staking Procedures
620-070 Vehicles — Tools and Materials		
620-070-110	1	Standard Loading and Restocking of Tools and Materials — Splicing Vehicles
620-1 Precautions		
620-100/105 General Precautions — Outside Plant		
620-100-001	3	Fire Safety Considerations of Cable in Buildings
620-100-005	1	Firestops for Outside Plant Cables That Penetrate Building Floors and Walls— Methods and Materials
620-100-010	1	Occupational Exposure to Lead Cable Removal
620-100-011	1	Minimum Approach Distances to Exposed Energized Power Conductors
620-100-015	1	Protective Measures for Working in the Vicinity of Extra High Voltage Power Lines
620-102-010	7	Underground and Buried Work
620-103-010	4	Electrical Protection When Using Portable AC Operated Tools and Equipment
620-105-010	7	B-Voltage Tester — Use on Joint-Use Poles and Other Equipment
620-131/134 Climbing Poles, Safeguards		
620-131-010	4	Precautions to Be Taken Before Climbing Poles or Working From Strand- or Pole- Supported Equipment
620-134-010	1	Unstepped Poles
620-134-020	1	Stepped Poles
620-135 Guarding Work Areas — Outside Plant		
620-135-010	6	Warning Devises—Use
Addendum	1	
620-135-100	6	Standard Warning Devices — Description and Use
620-140 Testing Manhole Atmosphere		
620-140-501	10	Testing and Ventilating Manholes
620-145 Gasoline in Manholes		
620-145-010	3	Petroleum Products in Underground Conduit Systems — Removal Procedures
620-150 Manhole Covers		
620-150-010	4	Manhole Covers — Removing and Replacing
620-2 Clearances		
620-210 Clearances for Outside Plant		
620-210-011	2	Clearances and Separations for Aerial Plant — General
620-210-012	3	Clearances for Telephone Poles and Stubs
620-249 Clearance Attachments — Outside Plant		
620-249-011	1	Clearance Attachments for Aerial Crossings — General

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620-3 Railroad Crossings, Tree Pruning, and Brush Spraying		
620-300 Aerial Railroad Crossings		
620-300-011	3	Aerial Railroad Crossings
620-310 Tree Pruning		
620-310-100	2	Tree Pruning Tools
620-310-200	2	Tree Trimming and Pruning Methods
620-315 Brush Spraying		
620-315-100	2	Brush Spraying

Division 621

Pole Lines

621-0 Indexes and General Information

621-2 Poles

621-3 Crossarms and Brackets

621-4 Guys

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621-0 Indexes and General Information		
621-000 Indexes		
621-000-000	61	Numerical Index — Division 621 — Pole Lines
621-020 General Information — Pole Lines		
621-020-013	6	Ordering, Delivery, Storage, and Markings on Poles and Stubs
621-020-111	5	Dimensions and Weights of New Poles and Reinforcing Stubs
621-2 Poles		
621-200 Poles — General		
621-200-011	2	Locating, Preparing, and Soil Bracing Poles
621-200-200	2	Placing Poles — Unloading Poles at Sidings
621-200-203	2	Loading and Binding Poles on Pole Trailers
621-200-205	2	Poles — Markings and Insignia
621-205 Poles — Erecting		
Addendum	1	
621-205-010	8	Placing or Removing Poles Near Electric Power Wires
621-205-200	2	Erecting Poles and Stubs
621-205-211	3	Placing Pole Braces and H Fixtures
621-205-215	2	Installing Lightning Protection
621-210 Stepping Poles		
621-210-012	1	General
621-215 Pole Line Inspection		
621-215-011	6	Use of Tables of Minimum Circumferences at Critical Sections — Use of Pole Inspection Rule
621-215-015	6	Inspection of Poles (2-93)
621-220 Poles — Removal		
621-220-011	3	Salvage of Used Poles
621-220-200	2	Pole Removal
621-295 Pole Maintenance		
621-295-300	7	Preservative Treatment of Standing Poles
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621-3 Crossarms and Brackets		
Addendum	1	
621-300-100	2	Exchange Crossarms
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621-305-100	2	Carrier Crossarms
621-308-100	2	Insulator Pins
621-310-200	2	Equipping Crossarms
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621-4 Guys		
621-400 Anchors and Guys, General		
621-400-011	3	Guying — Definitions
621-400-013	5	Guying — Use of Guy Rule — Sizes of Guys
621-400-015	3	Guying — Insulated Wires
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621-405-201	4	Guying — Methods of Insulating and Grounding
621-410 Placing Guys		
621-410-200	5	Guying — Methods of Installation
621-410-206	4	Guying — Aerial Cable Lines (2-93)

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621-410-212	3	Guying — Open-Wire Lines
621-410-220	4	Guying — Sidewalk Anchor Guys (2-93)

621-415 Placing Anchors

621-415-011	1	Patent Guy Anchors — General
621-415-200	5	Patent Guy Anchors — Expanding Anchors (2-93)
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621-415-202	1	Patent Guy Anchors — Swamp Anchors
621-415-203	3	Patent Guy Anchors — Plate Anchors (2-93)
621-415-204	2	C Guy Anchor (AT-8891) — Power Installation
621-415-211	3	Nonpatent Anchors — Plank Anchors
621-415-215	3	Rock Anchors — Placing
621-415-217	5	Guying — Extending Length of or Adding Additional Eye to Existing Guy Rods

621-420 Removal of Guys and Anchors

621-420-241	3	Removal of Guys and Anchors (2-93)

Division 622

Conduit, Manholes and Cable Vaults

622-0 Indexes and General Information

622-1 Precautions

622-3 Main Conduit

622-4 Subsidiary Conduit

622-5 Manholes

622-6 Conduit for Service Connections

622-7 Cable Vaults

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622-000-000	64	Numerical Index — Division 622 — Conduit, Manholes and Cable Vaults
622-020 General		
622-020-020	3	Conduit and Manhole Construction
622-020-100	5	Conduit and Conduit Couplings — Description
622-1 Precautions		
622-100-010	2	Conduit and Manholes
622-3 Main Conduit		
622-300 Main Conduit, General		
622-300-205	1	Special Construction
622-300-211	1	Reinforcing
622-300-300	2	Restoration and Rearrangement
622-315 Main Conduit, Steel		
622-315-200	1	Steel Pipe — Laying
622-340 Main Conduit, Plastic		
622-340-200	4	B Plastic Polyvinyl Chloride (PVC) and B Polypropylene Conduit — Concrete Encased
622-340-201	4	C Plastic Polyvinyl Chloride (PVC) and C Polypropylene Conduit — Direct Buried in Soil
622-395 Main Conduit, Repair		
622-395-300	1	Conduit Repair
622-4 Subsidiary Conduit		
622-400-100	3	Fittings — Description and Use
622-400-200	1	Laying
622-400-211	1	Terminating
■ 622-400-211AC	1	Subsidiary Conduit — Terminating
622-400-300	2	Repairing
622-5 Manholes		
622-500 Manholes, General		
622-500-011	4	General
622-500-020	1	Identification
622-500-300	1	Repairing
622-505 Manholes, Concrete — Cast in Place		
622-505-210	2	Construction
622-506 Manholes, Precast Concrete		
622-506-050	1	Controlled Environment Vaults (CEVs) — Description
622-506-051	1	24-Foot Controlled Environment Vault (CEV) — Description
622-506-052	1	KS-23038 CEV (Controlled Environment Vault) — Description
622-506-100	2	38 Y Types — Description
622-506-200	2	38Y-Type Installation
622-506-225	1	16-Foot Controlled Environment Vault (CEV) — Installation
622-506-226	1	16-Foot Controlled Environment Vault (CEV) — Operation and Maintenance

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622-506-227	1	24-Foot Controlled Environment Vault (CEV) — Installation
622-506-228	1	24-Foot Controlled Environment Vault (CEV) — Operation and Maintenance
622-506-230	1	Below Ground Electronics Remote Terminal (BERT) — Installation — SLC®-96 Carrier System
622-506-235	2	Concrete Hut ED-7C285-30 — Description and Installation
622-506-236	1	KS-23038 CEV (Controlled Environment Vault) — Installation
622-506-237	1	KS-23038 CEV (Controlled Environment Vault) — Operation and Maintenance

622-507 Manholes, Hardened Systems

622-507-100	2	Precast Manholes for Hardened Systems — General
622-507-206	3	C and D Precast Manholes
622-507-216	3	F and G Precast Manholes
622-507-226	1	K and L Precast Manholes
622-507-236	1	Cast-in-Place — Construction

622-510 Manholes, Brick

622-510-200	1	Construction

622-512 Manholes, Sealing Conduit Entrances

622-512-200	2	Sealing Walls at Conduit Entrances

622-520 Manhole, Hardware

Addendum	1	
622-520-100	7	Manholes — Equipping
622-520-111	1	Loading Manhole Racking
622-520-201	4	Extension Rings — Description and Use

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622-6 Conduit for Service Connections

622-600-011	1	General
622-600-012	1	Locating Run
622-600-200	1	Placing and Terminating Ducts
622-600-202	1	Placing Conduit Boxes

622-7 Cable Vaults

622-700-100	1	Central Office Cable Vaults — List of Unistrut Material
622-700-102	1	KS-21947 Cable Penetration Module — Description and Fire Sealing Procedures
622-700-200	1	Central Office Cable Vaults — Construction of Unistrut Frame

Division 623

Open Wire

-000 Indexes and General Information
-020/031 Open Wire — General
-100/104 Open Wire Stringing — Precautions
-190/195 Drainage and Inductors
-200 Open Wire — Transposing — General
-205 Open Wire — R Type Transpositions
-215 Open Wire — Tensioning
-220 Open Wire — Stringing Sags
-230 Open Wire — Dead-Ending
-235 Open Wire — Tying
-300 Open Wire — Briding
-310 Open Wire — Side Leads
-400 Open Wire — Long Spans
-500 Open Wire — Removal
-800 Open Wire — Inspection
-820 Open Wire — Repair and Restoration

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623-000-000	14	Numerical Index — Division 623 — Open Wire
623-020/031 Open Wire — General		
623-020-011	1	General
623-020-013	1	Crossarm Pin Numbering
623-020-015	1	Weights
		624
623-030-100	1	Glass Insulators — Description and Use
623-030-101	1	Shock Resistant Insulators — Description and Use
623-030-103	1	B Vibration Damper — Description and Use
623-030-105	4	Sleeves for Joining Line
623-030-200	1	Rolled Sleeve Joints
623-030-201	2	Pressed Sleeve Joints
623-030-205	1	Installation Wirelink
623-030-206	5	Bridging Sleeve
623-030-211	3	Open Wire — D Tree Wire
623-030-212	1	B Wire Spacer — Placing
623-030-213	2	L Wire Guard — Placing
623-100/104 Open Wire Stringing — Precautions		
623-100-010	2	General
623-101-010	2	Electric Light or Power Crossings
623-102-010	2	Lines in Joint Use or Near Power Lines
623-103-010	1	Jointly Used Poles and Power Crossings — Prevention of Flip-Ups at Low Poles
623-104-010	1	Grounding Nonworking Wire
623-190/195 Drainage and Inductors		
623-190-200	1	104-Type Protector
623-190-201	1	108-Type Protectors
623-190-220	1	Short-Circuiting Relay Protectors — Testing
623-195-205	1	116-Type Protectors
623-195-210	1	118A Protector
623-200 Open Wire — Transposing, General		
623-200-011	1	Transpositions — General
623-200-200	3	Transposing on 4-Inch Point Transposition Brackets
623-200-205	2	Span Transpositions — F Tandem Transposition Bracket
623-200-206	1	Span Transpositions — Span Transposition Bracket
623-200-207	1	Span Transpositions — B Span Transpositions Bracket and B Transpositions — Spacer Bracket
623-200-211	1	Transposing Working Circuits
623-200-215	1	Installation of RS Copper Sleeves
623-205 Open Wire — R Type Transpositions		
623-205-011	3	R Type Transpositions — General
623-205-012	3	R1-5 Transpositions — Application
623-205-013	3	R2-5 Transpositions — Application

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623-205-014	2	R1-6 Type Transpositions — Application
623-205-015	1	R1C-5 Transpositions — Application
623-205-016	1	R1C-6 Transpositions — Application
623-205-200	1	R-Type Transpositions — Placing Wire
623-210 Open Wire — Stringing Wire		
623-210-200	2	Not Point Transposed
623-210-202	1	Use of Wire Reel Brake
623-210-205	1	Moving Reels — General
623-210-206	1	Moving Reels — Non-Joint Use Lines
623-210-207	1	Moving Reels — Jointly Used Lines and Power Crossings
623-215 Open Wire — Tensioning		
623-215-200	2	Tensioning
623-220 Open Wire — Stringing Sags		
623-220-011	4	General
623-220-012	1	Copper or Steel Line Wire
623-220-013	1	Copper — Steel Line Wire
623-220-014	2	H Steel Line Wire — 104 Copper Steel Line Wire
623-220-015	3	E Steel Line Wire
623-230 Open Wire — Dead-Ending		
623-230-201	6	Dead-Ending
623-235 Open Wire — Tying		
623-235-011	1	General
623-235-202	1	Position of Wire on Insulator
623-235-203	1	Spiral and Modified Spiral Ties
623-235-204	1	Standard, Modified Horseshoe and Horseshoe Ties
623-300 Open Wire — Bridling		
623-300-201	2	Bridling Runs
623-300-202	2	Bridling to Line Wire
623-310 Open Wire — Side Leads		
623-310-201	1	Side Lead Terminations
623-400 Open Wire — Long Spans		
623-400-201	1	Noncatenary Long Span Construction
623-400-211	1	Catenary Long Span Construction
623-500 Open Wire — Removal		
623-500-240	2	Removal
623-800 Open Wire — Inspection		
623-800-600	1	Inspecting
623-820 Open Wire — Repair and Restoration		
623-820-300	1	Repairing
623-820-301	1	Emergency Restoration of Service
623-820-302	2	Restoration of Carrier Circuits — Use of 24A Auto-Transformer With HC Drop Wire

Division 624

Multiple Wire

624-0 Indexes and General Information

624-2 Multiple Wire — Placing

624-7 C Rural Wire

Number	Issue	Subject

624-0 Indexes and General Information

624-000 Indexes

624-000-000	23	Numerical Index — Division 624 — Multiple Wire

624-070 Clearance for Multiple Wire

624-070-017	1	Clearances for Multiple Line Wire in the Heavy Loading Area

Division 626

Cables, Wire, and Apparatus

626-0 Indexes, General Information, Service Wire, and Cable Packaging and Shipping

- -000 Indexes
- -020 General
- -021 Service Wire — Reels of Wire
- -030 Cable Packaging and Shipping
- -099 Customer Information Release (CIR)

626-1 Standard Conductor, Carrier, Miscellaneous, and Lightguide Cables

- -100 83nF/M Conductor Cables
- -105 LOCAP Carrier Cables
- -107 Miscellaneous Cables
- -108 Lightguide Cables

626-2 Cable Description, Sizes, and Reel Lengths

- -200 Cable Sizes and Reel Lengths

626-3 Aerial and Buried Wire

626-5 Standard Connectorized Cable

626-7 Cable Characteristics, Physical

626-8 Nonstandard-Limited Availability (NS-LA) Cables

626-W WIPS (Workcenter Information Packages)

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626-0 Indexes, General Information, Service Wire, and Cable Packaging and Shipping		
626-000 Indexes		
626-000-000	36	Numerical Index — Division 626 — Cables, Wire, and Apparatus
626-000-005	2	Numerical and Permuted Indexes — Outside Plant Cables — CAD Cable Descriptions
626-020 General		
626-020-001	1	Copper Exchange Cable — Ordering Guide
Addendum	1	
626-020-002	1	CAD Cable Descriptions — Microfilm Distribution System and Ordering Information — Outside Plant Cable
626-020-006	1	Cable Conductors
626-020-007	1	Metallic Shields and Sheaths — Resistance
626-020-009	1	PIC- and Pulp-Insulated Exchange Cable — Shipping Procedures — General
626-020-010	2	Feeder and Distribution Cables — Selection
626-020-011	5	Designations for Cable Conductors, Conductor Insulations, Sheaths, and Protective Coverings
Addendum	1	
626-020-020	4	Standard Plastic Sheaths
626-020-021	1	Superseded Plastic Sheaths
626-020-050	1	Provision of End Seals, End Caps, Pulling Eyes, Bond Wires; Air Pressure, and Reel Protection
626-020-101	3	Empty Reels — Loading Arrangements
626-020-200	3	Removing and Placing Lags on Cable Reels — Bundling Lags and Associated Reel Accessories
626-021 Service Wire — Reels of Wire		
626-021-101	1	Large Capacity Reels of Wire — Handling Methods
626-030 Cable Packaging and Shipping		
626-030-005	1	Cable Shipping Reels — Description, Dimensions, and Weights
626-099 Customer Information Release (CIR)		
626-099-004IR	1	Discontinued Availability of Electronic Wire and Cable Products, Outside Plant

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626-100-051	2	AT&T Fire Resistant Cable For Building Riser — Specification EXC-011 (8-93)
626-100-052	2	Plastic Insulated Telephone Cable — Self Supporting Sheath (12-93)
626-100-053	2	DUCTIPIC CABLE — Foam-Skin Plastic Insulated Telephone Cable — Bonded STALPETH Sheath
626-100-054	2	Fire Resistant Cable for Building Riser — Specification EXC-011 (12-93)
626-100-055	1	AT&T Filled Plastic Insulated Cable Bonded ASP Sheath — Specification EXC-019
626-100-056	2	Filled Plastic Insulated Telephone Cable — Self Supporting Sheath (12-93)
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626-108-112	1	Single-Mode LIGHTPACK Cable System — Product Application Bulletin

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626-200-137	1	Video Pair Cables
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- -340 Lashed Aerial Cable — Arrangement of Supports
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Division 631

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631-WIP-008	1	80-Type Cabinets — Installation (slide/audio)
631-WIP-009	1	80-Type Cabinets — Splicing (slide/audio)
631-WIP-011	2	42-Type Cabinets — Installation and Splicing (slide/audio)
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631-WIP-021	1	Flexterm™ 5000 E/W J-Series Blocks — Installation (full action video) (6/94)
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631-WIP-025	1	40-Type Cabinet — Installation (full action video)
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631-WIP-027	1	40-Type Cabinet — 76-Type Block — Wiring (full action video)
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Division 632

Cable Splicing

632-0 Index and General Information
- -020 General
- -032 Cable, Paper, and Pulp Types
- -033 Cable, PIC Types
- -035 Cable, Special
- -050 Desiccant and Paraffin
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632-1 Splicing Methods
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632-2 Joints
- -200 Twisted Joints
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- -210 Soldered Joints
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632-3 Setting Up
- -300 Aerial, Block and House Cable
- -305 Cable in Manholes and Vaults
- -310 Buried Cable
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632-4 Splicing Plans and Cables
- -400 Plans
- -405 Capacitance Building-Out
- -410 PIC Cable
- -420 Video Cable
- -425 Coaxial Cable
- -430 Spiral—Four Cable
- -435 Submarine Cable
- -490 Wrapping Splice

632-6 Splicing Terminals
- -615 Video Terminal

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632-020-101	6	Cable Tags — Underground Cable
632-020-105	3	Factory-Furnished Records of Cable Pair Defects — Description
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632-020-240	3	Cable Removal — Cutting Splice Closures From Plant
632-020-250	4	Connectorized Exchange Cable Splicing System (CONECS) — Description
632-020-260	1	Insulating Joints and Capacitor Installation on Lead and Polyethylene Sheath Cables
632-032 Cable, Paper and Pulp Types		
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632-032-110	5	General — Multiple Units — AD-Type Pulp-Insulated Cables
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632-050-200	2	Paraffin and Splicing Oil
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632-205-201	5	B Wire Connector — Description and Approved Conductor Combinations
632-205-205	2	Fold-Back Splicing Using D Connector Presser
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632-205-207	1	Splicing Strip-Paper Insulated Wires Using B Wire Connectors
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632-205-211	1	UG "Scotchlok*" Connector — Bridging Small Branch Cables and Terminal Stub Cables
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632-300 Aerial, Block and House Cable		
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632-305-222	2	L4/L5 Carrier Basic Manhole — Equipping and Splicing Arrangements
632-305-223	2	L4/L5 Basic Manhole Equipping and Splicing — 22 Coaxial System
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632-305-226	1	Wiring Options at L5 Basic Manholes
632-305-230	1	L4/L5 Carrier — Regulating Manhole — Equipping and Splicing Arrangements
632-305-231	1	L4/L5 Regulating Manhole Equipping and Splicing — 22 Coaxial System
632-305-232	1	L4/L5 Regulating Manhole Equipping and Splicing — 12 Coaxial System
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632-310-011	1	Buried — General
632-310-200	1	Buried — Junction With Other Plant

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632-315-200	4	Removing Cable Sheath — General
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632-319-211	4	Removing Outer Protection and Bonding Armor

632-4 Splicing Plans and Cables

632-400 Plans

632-400-011	5	General Rules for Making a Splice
632-400-200	1	Random Splice — Exchange Cable — 19- Gauge and Smaller
632-400-201	1	Random Splice — Exchange Cable — 13- and 16-Gauge
632-400-202	2	Bunch Splice
632-400-205	1	Random Splices in Toll Cables
632-400-211	1	Test Splice in Toll Cable
632-400-215	2	Terminating K Carrier Cables — Planned Splices for Successive Repeater Stations (On Quadded Cable Routes) to Minimize Recurrence of Same Two K Systems in a Quad

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632-405-200	3	Spool Type and Mica Condensers
632-405-205	1	388A Condensers
632-405-211	1	Building-Out Stub Cables

632-410 PIC Cable

632-410-200	12	Plastic Insulated Conductor (PIC) Cable — General
632-410-203	2	Encapsulation of Joints

632-420 Video Cable

632-420-205	5	Splicing Video Pairs

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632-430 Spiral — Four Cable

632-430-200	2	Spiral-Four Disc Insulated Cable

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632-435-200	1	General
632-435-205	1	Overlap Armor Wire Method
632-435-211	1	Welded Armor Wire Method

632-490 Wrapping Splice

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632-490-200	6	General — Wrapping Completed Splice

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632-615 Video Terminals

632-615-200	1	Connecting and Terminating Flexible Shielded Video Cable

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632-800 Cable Maintenance		
632-800-324	1	Quadded and Paired Cable — Restoration Procedures
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632-WIP Work Center Information Packages		
✇632-WIP-002	2	QUICK SNAP Connectors — Installation (slide/audio)
✇632-WIP-003	1	710 Modular Splicing System (full action video)
✇632-WIP-004	1	711 Connector System — 1025B Tool Kit (full action video)
✇632-WIP-005	1	711 Connector System — 1042A Tool Kit
632-WIP-006	1	711 Connector System — 1043A Tool Kit
✇632-WIP-007V	1	890B &890E Tools — Inspection, Performance, & Operation (1/2-inch VHS) (4-92)

Division 633

Splice Closures

633-0 Index, General Information, and Sheath Openings
- -020 General
- -040 Sheath Openings, Temporary Protection

633-2 Lead Closures
- -200 Sleeves
- -210 Wedges, Discs, Plates, and Sleeve Liners
- -250 Steel Sleeves

633-3 Wrapped, Insulated, and Special Closures
- -300 Wrapped Joints
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633-4 Splice Cases

633-5 Closures
- -500 Types 1A1, 1B1, 1C1, 16, 18, 23, 1900, 2200, and 62A1
- -501 Universal Lightguide Closure (UCB1)
- -506 2-Type Plastic Closure, Types 50 and 51
- -515 4-Type Closures
- -560 Control Office and Building Splice Closures

633-W WIPS (Workcenter Information Packages)
- -WIP Workcenter Information Packages

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633-000 Index		
633-000-000	6	Numerical Index — Division 633 — Splice Closures
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633-020-201	4	Supports at Y-Splices — Description and Use
633-020-205	5	Buried Splices — Corrosion Protection
633-020-208	1	Bonding and Grounding — Buried and Underground Plant Methods
633-020-209	1	2400 Series Lightguide Grounding Closure — Description and Installation
633-020-210	1	FR-Type Jacket — Description and Installation
633-040 Sheath Openings, Temporary Protection		
633-040-201	6	Temporary Splice Protection Using CR Tape
633-040-202	3	C and D Splice Covers
633-2 Lead Closures		
633-200 Sleeves		
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633-200-201	1	Lead-Calcium Sleeves — Description and Installation
633-210 Wedges, Discs, Plates and Sleeve Liners		
633-210-210	1	C Sleeve Liner — Description and Use
633-250 Steel Sleeves		
633-250-200	3	B Steel Sleeve — Wiped Joints
633-3 Wrapped, Insulated, and Special Closures		
633-300 Wrapped Joints		
633-300-200	5	Auxiliary Sleeves — Plastic- or Lead- Jacketed Cables
633-330 Plastic Joints		
633-330-200	2	Plastic Joint
633-330-210	3	End Plate Kits — Coaxial Cable Systems
633-4 Splice Cases		
633-400-200	9	Types 20 and 21 — Description and Installation
633-460-210	6	Types 9A, 10A, 11A, 12A, 40E2, 41E2 — Description and Installation for Dual Jacketed Cables
633-470-100	4	Types 13A and 14A — Description and Installation

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633-500 Types 1A1, 1B1, 1C1, 16, 18, 23, 1900, 2200, and 62A1		
633-500-101	4	Types 1A1, 1B1, and 1C1 — Description and Installation
633-500-102	3	Type 18 — Description and Installation
633-500-104	3	Type 16 — Description and Installation
633-500-106	1	62A1 Ages — Description and Installation
633-500-108	1	1900-Series — Description and Installation
633-500-110	1	Type 23 — Description and Installation
633-500-112	1	2200 Series — Description and Installation
633-501/502 Lightguide Closure		
633-501-101	4	Universal Lightguide Closure (UCB1)— Description and Use (2-93)
633-501-102	1	(UCB1-STH/P) — Description and Use
633-501-103	1	Universal Lightguide Closure (UCB2) — Description and Use (2-93)
633-502-100	2	2500 LG Series Lightguide Splice/Drop Closure Assembly Instructions (8-91)
633-502-101	1	2600LG/SC1 Fiber Optic Closure, Assembly Instructions (1-93)
633-502-102	1	2500LG/SC1 Lightguide Closure — Description and Use
633-506 2-Type Plastic Closure, Types 50 and 51		
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633-506-201	5	Type 2 — Description and Installation
633-506-205	3	Types 50 and 51 — Description and Installation
633-506-206	1	Types 50 and 51 — Nonpressurized — Description and Installation
633-506-210	3	2000-Series — Copper Applications — Description and Installation
633-515 4-Type Closures		
633-515-101	5	Types 4A1 and 4B1
633-560/579 Central Office and Building Splice Closures		
633-560-101	5	Types K and B Splice — Description and Installation
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633-560-205	1	Type 21D4 — Description and Installation
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633-WIP Workcenter Information Packages		
633-WIP-001	1	1900 Series Closure — Installation (slide/audio)
633-WIP-002	1	2000 Series Pressurized Closure — Installation (full action video)
633-WIP-007	1	62A1-Ages Closure — Installation (slide/audio)
633-WIP-009	1	50- and 51-Type Nonpressurized Closures — Installation (slide/audio)
633-WIP-010	1	Universal Lighthouse Closure UCB1 (Parts 1 and 2) (slide/audio)
633-WIP-011	2	2200 Series Closures — Installation (slide/audio)
633-WIP-012	1	2199 Series Closure — Installation (full action video)
633-WIP-014	1	2000 Series Fire-Resistant Closure — Installation (full action video)
633-WIP-015	2	2000 Series Closure With Boreable End Plates (slide/audio)
633-WIP-018	1	Central Strength Member (CSM) Cable for Use in 2600 LG/SCI Closure (full action video)
633-WIP-019	1	2600 LG/SCI Closure — Installation (full action video)
633-WIP-020	1	2400 LG Type Closure — Installation (full action video)

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633-WIP-021	1	2418LG Distribution/Drop Closure — Installation (full action video) (6/94)
633-WIP-024	1	2200 UG Series Closure — Installation (full action video)
633-WIP-025	1	2200 UG Series Closure With Interwrap (full action video)
633-WIP-030	1	UCB2 Fiber Optic Closure — Installation (full action video)(12-93)
633-WIP-031	1	UCB Cover — Installation and Reentry (full action video) (6-94)

Division 634

Electrical Cable Testing and Identification

634-0 Indexes and General Information
- -000 Indexes
- -020 Cable Testing — General

634-2 Identifying Conductors, Locating Underground Pipes and Cables
- -200 Identifying Conductors, Two Point Operation
- -210 Identifying Conductors, Single Point Operation
- -215 Cable Restoration
- -220 Locating Underground Pipes and Cable

634-3 Fault Location, Transfers, and Section Replacement
- -300 Defective Pairs — Detection
- -305 Fault Location
- -310 Fault Location — Wheatstone Bridge
- -315 Fault Location — Sheath Openings
- -320 Testing and Fault Location Coaxial Cable
- -350 Cable Transfers
- -355 Section Replacement

634-4 Transmission Tests
- -400 Capacitance Testing Crosstalk Reduction
- -405 Transmission Tests — Picturephone
- -414 Transmission Test Set Coaxial Cable
- -420 WIP (Workcenter Information Package)

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634-000 Indexes		
634-000-000	73	Numerical Index — Division 634 — Electrical Cable Testing and Identification
634-020 Cable Testing — General		
634-020-010	2	Identification of Electrical Test Equipment
634-020-012	2	Resistance of Cable Conductors
634-020-500	3	Insulation Resistance Tests Paper Insulated Cables
634-020-501	2	General Rules for Using Identification Tone and for Establishing a Talk Circuit
634-020-502	3	Detecting Tone With an Amplifier
634-020-504	2	High Potential DC Testing of Wire Communication Facilities Serving Power Stations
634-020-505	1	1097A Filter — Description and Use
634-2 Identifying Conductors, Locating Underground Pipes and Cables		
634-200 Identifying Conductors, Two Point Operation		
634-200-225	1	145A Test Set — Description and Use
634-200-450	1	138A Test Set — Description and Use
Addendum	1	
634-200-501	4	76C Test Set — Description and Maintenance and Establishing Talk and/or Calling Circuit
634-200-502	2	General — Identifying Conductors With 84A Test Set (Cableman's Talking Set)
634-200-503	2	79D Test Set
634-200-504	1	146A Test Set — Description and Use
634-200-511	2	Cable Testing — General
634-210 Identifying Conductors, Single Point Operation		
634-210-507	3	Using the 108A and 109A Test Sets
634-210-510	1	Pair Identification Using CB Automatic Pair Identifier
634-210-511	1	S Test Connector (AT-8953) — Description and Use
634-210-512	1	99-Type Connector— Description and Use
634-215 Cable Restoration		
634-215-500	1	Dedicated Plant Identifying Paper Insulated Cable Pairs
634-215-505	1	Rapid Restoration and Neon Restoral Boards

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634-220 Locating Underground Pipes and Cables		
634-220-500	2	Low Frequency Method
634-220-501	4	Locating Underground Pipes and Cables — High Frequency Method
■ 634-220-502AC	3/93	Locating Underground Facilities Using the Radiodetection Line Management System (RDLMS)(3-93)
634-220-505	2	B Ground Probe (AT-8681) — Description and Use
■ 634-220-601AC	1	Aerial Patrol Procedures (10-92)
■ 634-220-602AC	1	Tools and Test Sets — Description (10-92)
■ 634-220-605AC	1	Blasting Around AT&T Facilities (10-92)
■ 634-220-610AC	1	Outside Plant Training (9-93)
634-3 Fault Location, Transfers, and Section Replacement		
634-300 Defective Pairs — Detection		
634-300-501	2	Battery and Receiver Method
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634-305 Fault Location		
634-305-501	11	KS-14103 L5 Test Set (Breakdown) — Description, Use, and Maintenance
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634-305-502	1	KS-14103 L6 Test Set (Breakdown) — Description, Use, and Maintenance
634-305-505	4	Locating Faults in Nonloaded Cables by the Exploring Coil Method
634-305-510	2	Locating Open Faults — Using the Delcon* 4910-Type Open Fault Locators
634-305-511	2	Locating Faults in Long or Loaded Cables by the Exploring Method
634-305-512	1	Locating Faults With the 78A and 95A Test Sets
634-305-513	1	Locating Faults With the 99A and 95B Test Sets
634-305-514	1	Locating Faults Using the Dynatel* 710A Test Set — Description and Use
634-305-515	1	Digital Transmission Systems
634-310 Fault Location — Wheatstone Bridge		
634-310-500	3	Locating Faults With Portable Wheatstone Bridge (KS-14959 Test Set)
Addendum	2	
634-310-501	3	Locating Cable Faults With the 96A Test Set
634-315 Fault Location — Sheath Openings		
634-315-501	2	173A Test Set — Description and Use
634-315-502	3	170-Type Buried Service — Wire Test Set — Description and Use
634-315-505	2	176A Test Set — Description and Use
634-320 Testing and Fault Location Coaxial Cable		
634-320-010	2	General Precautions
634-320-501	1	Operation of 94A Test Set
634-320-502	3	Adaptors and Cords
634-320-505	1	128A Test Set — Use
634-320-506	2	Corona Noise Location — Test Set — Description, Use, and Maintenance
634-320-508	1	KS-22172 Coaxial Probe Test Set — Description, Use, and Maintenance — L-Type and T4M Carrier Systems
Addendum	2	
634-320-550	2	90A Test Set — Description, Maintenance, and Use
634-350 Cable Transfers		
634-350-505	4	Transfers
634-350-515	1	Using the Cut-Closed Set (AT-8241, L1A Test Set)

* Delcon is a registered trademark of Container Corporation of America

* Dynatel is a registered trademark of Minnesota Mining and Manufacturing Company

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634-355 Section Replacement		
634-355-500	4	Cable Testing \m General Section Replacement \m General Rules (2-93)
634-355-501	3	Identifying Conductors
634-355-503	1	104A Test Set Method
634-4 Transmission Tests		
634-400 Capacitance Testing and Crosstalk Reduction		
634-400-505	2	Capacitance Unbalance Testing
634-400-506	1	Localized Balancing for Reduction of Crosstalk in 4-Wire Cable Circuits
634-400-511	3	Balancing Cable and Balancing Unit for Reducing Quadded Cable Capacitance Unbalances
634-400-512	1	Adjustable Balancing Condensers for Reducing Crosstalk in Toll Entrance and Toll Cable Circuits
634-400-515	1	Far-End Crosstalk Measurements
634-400-530	1	152A Test Set (Construction Verification Test Set) — Description and Use
634-405 Transmission Tests — Picturephone		
Addendum	1	
634-405-301	1	Trouble Location
634-405-501	2	Suitability Testing Procedures
634-414 Transmission Test Set Coaxial Cable		
634-414-201	2	T4M Digital Line — J98721G Transmission Test Set Use
634-420 WIP (Workcenter Information Package)		
634-420-001	1	Data and Electronic Wire and Cable Transmission Design Principles (full action Video)

Division 635

Electrolysis — Outside Plant

635-0 Indexes and General Information

635-2 Placing

-200 Electrolysis Drainage Wire Construction

-210 Electrolysis Switches

635-3 Repair

-300 Electrolysis Testing

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635-0 Indexes and general information		
635-000-000	6	Numerical Index — Division 635 — Electrolysis — Outside Plant
635-2 Placing		
635-200 Electrolysis Drainage Wire Construction		
635-200-011	1	General
635-200-200	1	Attachments to Poles
635-200-201	1	Stringing Wire
635-200-202	1	Splicing
635-200-203	1	Installation of Protective Equipment
635-200-204	1	Underground
635-200-205	1	Special Construction
635-210 Electrolysis Switches		
635-210-200	1	Placing KS-14385 Electrolysis Switch
635-210-211	1	Placing KS-8274 Electrolysis Switch
635-210-500	1	Electrolysis Testing, KS-14385 Electrolysis Switch
635-210-511	1	Testing, KS-8274 Electrolysis Switch
635-3 Repair		
635-300 Electrolysis Testing		
635-300-011	1	General
635-300-012	1	Tables and Formulas
635-300-100	1	Instruments and Apparatus
635-300-102	1	M3A1 and B3A1 Miller Meters
635-300-105	1	KS-14416 Test Set
635-300-505	1	Initial Tests — New Installations
635-300-508	1	Corrosion Testing — Underground Cable and Associated Protection Systems
635-300-511	1	Routine Underground — Preparation
635-300-515	1	Routine Underground — Measurements and Inspections
635-300-520	1	Test Points on Buried Cable
635-300-525	1	Routine — Buried

Division 636

Main Frame Terminations and Connectors

636-0 Indexes and General Information
- **-000 Indexes**
- **-099 CIRs (Customer Information Releases)**

636-2 Main Frames
- **-200 Marking**
- **-205 Grounding Connections**
- **-210 Terminating**
- **-211 CRF (Cable Rearrangement Facility)**
- **-250 EMP Terminations**
- **-299 Lightguide Cross-Connect, Interconnection, and Terminating**

636-3 300, 301, 302, 303, 305, 307, 308, 309, 310, and 311-Type Connectors

636-W Workcenter Information Packages (WIPs)

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636-0 Indexes and General Information		
636-000 Indexes		
636-000-000	73	Numerical Index — Division 636 — Main Frame Terminations and Connections
636-2 Main Frames		
636-200 Marking		
636-200-011	2	Marking Main Frames — Pair and Cable Numbers
636-200-203	1	Marking Main Frames, 198 Type Terminal Strips
636-205 Grounding Connections		
636-210 Terminating		
636-210-205	6	Installation of Open Cable Forms
■ 636-210-213AC	A	Forms for Toll Cables
636-210-213	2	Forms for Toll Cables
636-210-215	2	Terminating K Carrier Cables
636-210-216	1	Terminating Cables on Repeater Bays — J99321
636-210-217	1	Terminating Cable — N and ON Carrier — J99323 Type Line Build-Out Bays
636-210-218	2	Cross-Connect Cabinet — N and ON Carrier
636-210-219	3	136A2A-52 Protector — Description
636-211 CRF (Cable Rearrangement Facility)		
636-211-101	2	Description, Installation, and Splicing
636-250 EMP Terminations		
636-250-101	2	32A1 Cabinet — Description and Installation
636-299 Lightguide Cross-Connect, Interconnection, and Terminating		
636-299-101	3	Lightguide Ribbon Cable Interconnection Cabinets — Description and Terminating — Outside Plant Cables
636-299-102	1	LGX® (Lightguide Cross-Connect) Frame — Description and Installation
636-299-103	1	LGX Lightguide Distributing Shelves — Description and Installation
■● 636-299-103AC	1	Terminating and Interconnecting Facilities (10-92)
636-299-104	1	LGX Lightguide Distributing System — Description and Installation
636-299-105	2	Lightguide Stranded Cable Interconnection Cabinets — Description and Terminating — Outside Plant Cables
636-299-106	3	Lightguide Premises Distribution System — Interconnection/Cross-Connection Apparatus — Description and Installation
636-299-110	2	Lightguide Cable Sheath Preparation, Grounding, Blocking, and Fiber Preparation — Description and Installation

Number	Issue	Subject
❶ 636-299-111	1	AT&T-NSD OSP Lightguide Cable Bonding and Grounding — Electrical Protection
636-299-115	1	High Density fiber Interconnect System Description, Application, and Operation
636-299-116	1	LGX Jumper Administration Card
636-299-120	2	LGX Distribution System— Planning, Engineering, Installation, and Operation— System Reference Guide (1-93)
636-299-130	1	Fiber Protection System User's Guide

636-3 300, 301, 302, 303, 305, 307, 308, 309, 310 and 311-Type Connectors

636-300-050	6	Plug-In Protector Units (3-, 4-, 5- and 7-Type)
636-300-099	2	Cable Terminating Apparatus — Selection — Distributing and Protector Frames
Addendum	1	
636-300-100	4	300-Type — Description, Installation, Marking, and Testing Protector Blocks
636-310-100	3	301-Type — Description, Installation and Marking
Addendum	1	
636-320-100	7	302-Type Connectors — Description, Installation, and Marking
636-330-100	9	303-Type Connectors — Description, Installation, and Marking
Addendum	1	
636-330-105	4	305-Type Connectors — Description and Installation
636-330-107	5	307-Type Connectors — Description, Use, Installation, and Repair Procedures
636-330-108	3	308-Type Connectors — Description, Installation, and Marking
636-330-109	2	309-Type Connectors — Description, Installation, Testing, and Marking
■ 636-330-110	4	310-Type Connectors — Description, Installation, and Marking
636-330-111	3	311-Type Connectors, Description, Use, Installation, and Repair Procedures

636-W WIPs

636-WIP-002	1	Interconnection Cabinets for Lightguide Ribbon Cable (slide/audio)
636-WIP-003	1	Lightguide Interconnection Cabinets for Stranded Unit, Lightpack®, and Unconnectorized Ribbon Cables (slide/audio)
636-WIP-004	1	Lightguide Systems Inter/Cross-Connection Apparatus (slide/audio)
636-WIP-006	1	LGX Distribution System — Assembly

Division 637

Cable Pressure Systems

637-0 Indexes and General Information
- -000 Indexes
- -020 Cable Pressure Systems — General
- -050 Pipe Systems
- -080 Toll Cable — Pressure Transducer Systems

637-2 Air Flow and Pressure Monitors
- -200 Terminals, Gas Pressure
- -210/222 Pressure Monitoring Devices
- -225 Air Flow Monitors
- -235 Values, Flanges, and Ells
- -241 Pressure Plugs
- -243 Pressure Plugs, Profabricated

637-3 Gas Sources, Feed Systems, and Air Dryers
- -300 Gas Sources
- -301 Continuous Feed Pressure Systems
- -302 E Air Dryer
- -305 Buffering

637-4 Leak Detection and Correction
- -400 Correction of Pressure Measurements
- -410/420 Leak Location Methods
- -430 Maintaining Pressure During Construction
- -500 Continuous Feed Pressure System — General
- -600 Cable Pressure Monitoring System

637-5 Continuous Feed Pressure System
- -500 Computer and Terminals

637-6 CPMS (Cable Pressure Monitoring System)
- -600 CPMS Description, Operation and Maintenance

Number	Issue	Subject
637-000 Indexes		
637-000-000	90	Numerical Index — Division 637 — Cable Pressure Systems
637-020 Cable Pressure Systems — General		
637-020-011	3	Cable Pressurization Responsibilities and Standards
637-020-020	5	Pneumatic Resistance of Cables
637-020-200	2	Reinforcing Lead Sleeves
637-025-010	1	Precautions
637-026-101	2	Controlled Flow Pressurization System — Description— Lightguide Cable
637-050 Pipe Systems		
637-050-100	4	General
637-050-200	4	Installation
637-050-300	3	Upkeep
637-080 Toll Cable — Pressure Transducer Systems		
637-080-100	4	Description and Operation
637-080-105	2	B Transducer Controller (AT-8526) — Description and Operation
637-080-200	3	D Pressure Transducer (AT-8405) and B Dummy Transducer (AT-8527) — Description and Installation
637-200 Terminals, Gas Pressure		
637-200-100	4	37-Type Cable Terminals — Description, Mounting and Wiring Diagrams
637-210/222 Pressure Monitoring Devices		
637-210-100	6	Superseded Contactors and Contactor- Terminals — Description
637-210-300	2	Contactors and Contactor-Terminals — Replacement of Contactor Mechanism
637-211-100	3	P Pressure Contactor — Description and Installation
637-213-100	1	N Pressure Contactor — Description and Installation
637-213-110	2	R Pressure Contactor — Description and Use
637-213-112	1	W Pressure Contactor — (AT-9017) — Description and Use

Number	Issue	Subject
637-214-100	4	L and M Pressure Contactors Description and Installation
637-220-100	2	C Pressure Transducer (AT-8311) — Description, Use, and Installation
637-222-101	2	F Underground Pressure Transducer System — Use, Description, and Installation
637-222-103	2	G Pressure Transducer — Description and Installation

637-225 Air Flow Monitors

637-225-050	1	Superseded Meter-Panels
637-225-105	4	Gas Meters and Air Rate Indicators — Description
637-225-201	2	C and D Meter-Panels — Description, Use, and Installation
637-225-205	2	Superseded KS-16648 Dual Pressure Kit — Description and Use
637-225-215	1	Cable Pressure Monitoring System (CPMS) — B Airflow Transducer (AT-8720)

637-235 Valves, Flanges and Ells

637-235-100	3	Valves, Tubings, and Fittings — Description, Installation, and Arrangements
637-235-201	6	Flanges and Screw Plugs for Lead or Plastic-Sheathed Cable — Description and Installation

637-241 Pressure Plugs

637-241-011	10	Closure-Injection Method

637-243 Pressure Plugs, Prefabricated

637-243-200	3	Installing 3A Pressure Plug

637-300/303 Gas Sources

637-300-100	5	Nitrogen Gas Cylinders — Description
637-300-101	2	Sulfur Hexaflouride Gas (SF6) — Description and Use
637-300-102	1	Liquid Nitrogen Cylinders — Description and Use
637-300-110	1	Maintaining Pressure Under Catastrophic Conditions
637-301-101	1	Continuous Feed Pressure Systems — B and C Air Dryers — Description and Installation
637-301-102	1	Continuous Feed Pressure Systems — D Air Dryer — Description and Installation
Addendum	1	
637-301-300	1	Continuous Feed Pressure Systems — B and C Air Dryers — Maintenance and Replacement Parts
637-301-301	2	Continuous Feed Pressure Systems — D Air Dryer — Maintenance and Replacement Parts
637-302-701	1	E Air Dryer — AT-8670 — Description and Installation
637-302-801	1	E Air Dryer — AT-8670 — Maintenance and Replacement Parts

637-305 Buffering

637-305-303	4	Buffering

637-400 Correction of Pressure Measurements

637-400-504	1	Correction of Pressure Measurements

637-410/420 Leak Location Methods

637-410-011	2	General
Addendum	1	
637-410-504	1	Gradient Method of Approximate Leak Location
637-416-501	2	Cable Leak Locating — Helium Method
637-416-502	1	Model 56 Leakgun (ION Track Instruments, Incorporated) — Description and Use

637-450 Maintaining Pressure During Construction

637-450-011	2	Construction Tests — Procedures During Placing and Splicing and Acceptance Procedures

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637-500 Continuous Feed Pressure System — General		
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637-500-014	1	Cable Pressurization Computer
637-500-015	1	Contactors and Contactors Terminals — Description
637-500-502	2	Fault Locating
637-600 Cable Pressure Monitoring System (CPMS)		
637-600-011	2	Expanded — General
Addendum	1	
637-600-051	2	Expanded — Description and Operation
637-600-075	1	Administrative Guidelines
637-600-101	2	Expanded (CPMS) — Central Computer Operations
637-600-150	3	Central Terminal Records
637-600-200	1	Transducer Assignment Procedures
637-600-251	2	Expanded — Developing and Maintaining Data Base
637-600-301	2	Expanded — Reports and Bulletins — Description and Utilization
637-600-351	1	Expanded — Management Reports — Description and Utilization
637-600-401	2	Expanded — System Maintenance
637-600-451	2	Expanded — Data Acquisition Procedures From Maintenance Centers
637-600-501	3	Expanded — Central Terminal Installation

Division 638

Electrical Protection and Bonding

638-0 Indexes and General Information

638-6 Protection System

638-W WIPs (Workcenter Information Packages)

Number	Issue	Subject
638-0 Indexes and General Information		
638-000 Indexes		
638-000-000	25	Numerical Index — Division 638 — Electrical Protection and Bonding
638-6 Protection System		
638-600-100	1	Power Station Communications — Description and Placing
638-600-101	1	Power Station Communications — Installation
638-600-102	1	For Power Station Communications — High Potential and Resistance — Unbalance Testing
638-600-103	1	For Power Station Communications — Assignment Charts and Circuit Establishment
638-600-104	1	Integrated Protection System for Power Station Communications — Installation Inspections, Tests, and Maintenance
638-W WIPs		
638-WIP Workcenter Information Packages		
638-WIP-001	1	Blocking, Grounding, and Buffering OSP Cable Fibers for Direct Termination (slide/audio)

Division 639

Outside Plant Concentrators

639-0 Indexes and General Information

639-2 Gfeller* Line Concentrator

639-3 Line Concentrator No. 1A

639-4 Message and Signal Repeater

Number	Issue	Subject
639-0 Indexes and General Information		
639-000 Indexes		
639-000-000	8	Numerical Index — Division 639 — Concentrators — Outside Plant
639-060 Terminating		
639-060-201	2	Terminating Concentrator Stub Cable in Cross-Connecting Terminals
639-2 Gfeller Line Concentrator		
639-200-200	2	Installation of Outdoor Unit
639-3 Line Concentrator No. 1A		
639-300-200	3	Installation of Outdoor Unit
639-300-240	1	Removal of Remote Part
639-4 Message and Signal Repeater		
639-400-200	1	J98619A — For Long Subscribers Loops — (Pole Mounted)
639-400-205	1	474A Apparatus Case — Description and Installation

* Gfeller is a registered trademark of Gfeller AG

Division 640

Outside Plant Carrier Apparatus

640-0 Index and General Information
- **-000 Index**

640-2 Carrier Pair Gain Systems
- **-205 Carrier Apparatus, Type P**
- **-210 Multichannel Subscriber Carrier**
- **-250 Subscriber Loop Multiplexer**
- **-251 Digital Data System**
- **-252 Lightguide Cable Systems**

640-3 Types N, O, and ON Carrier Systems
- **-300 Carrier Apparatus, Types N and ON**
- **-305 Carrier Apparatus, Type O**

640-4 Type L Carrier Systems
- **-400 Carrier Apparatus, Type L**
- **-440 Carrier Apparatus, Type L4**

640-5 Type T Carrier Systems
- **-525 T1 Systems**
- **-527 T1C Systems**
- **-530 T2 Systems**
- **-540 T4 Systems**

640-6 Broadband Systems
- **-630 Broadband Apparatus**
- **-640 Picturephone Equalizers**

640-W WIPS (Workcenter Information Packages)

Number	Issue	Subject
640-0 Index and General Information		
640-000 Index		
640-000-000	53	Numerical Index — Division 640 — Outside Plant — Carrier Apparatus (5-95)
640-005/010 General Information		
640-005-101	1	Identification of Broadband — Terminating Facilities
640-005-102	1	Superseded Broadband Terminating Facilities
640-005-104	2	Plug-In Equipment — T1, T1C, T1D, T1G, and T1/OS Carrier Systems
Addendum	1	
640-010-005	3	Splicing T Carrier Cables — General
640-010-009	1	2D2-10 End Plates — Description and Installation — 2-Type Closure
640-010-010	4	End Plate Grommets — For Carrier Application
640-010-030	2	FIND-R-SCOPE* (Infrared Viewer) — Description, Use, and Maintenance
640-020 Carrier Apparatus		
640-020-200	2	Open Wire, Carrier Apparatus on Terminal Poles
640-020-206	1	Placing — 460- and 470-Type Apparatus Cases — Aerial and Underground
640-020-300	3	Refinishing Outdoor Carrier Cabinets
640-2 Carrier Pair Gain Systems		
640-205 Carrier Apparatus, Type P		
640-205-200	3	Pole Mounted Apparatus Cases and Battery Cabinets, Installation
640-205-201	3	Pole Mounted Apparatus Cases and Battery Cabinets Telephone and Power Wiring
640-205-202	2	Installation and Wiring of Networks
640-210 Multichannel Subscriber Carrier		
640-210-201	1	Multichannel Subscriber Carrier — KS- 20988 — Description and Installation

* FIND-R-SCOPE is a registered trademark of FJW Industries

Number	Issue	Subject
640-250 Subscriber Loop Multiplexer		
640-250-201	1	Remote Terminal (J1C046D and J1C046E) — Placing and Wiring
640-250-203	1	Remote Repeater Power Feed Terminal (J87397A and J87397B) Placing and Wiring
640-250-204	1	468-Type Apparatus Cases — Description, Splicing, and Maintenance
640-250-206	3	478-Type Apparatus Case — Description, Installation, and Maintenance
SLC® 8 Carrier System		
640-250-212	2	Remote Terminals and Repeaters — Installation
640-250-213	1	231A Remote Power Feed Terminal — Description and Installation
SLC® 40 Carrier System		
640-250-215	4	33B and 33C Remote Terminal Cabinets — Placement
640-250-216	4	Digital Line Construction
SLC 96 Carrier System and Series 5		
640-250-217	1	Mini-Hut-Installation of Frames, Hardware, and Connectors
640-250-218	2	Precabled Structures Using Non-bulk Protection — Remote Terminal Splicing
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640-250-219	2	AT-8908M Remote Terminal Cabinet — Placement and Splicing
640-250-220	3	36A, 36B, or 36C Remote Terminal Cabinet — Placement
640-250-221	2	Remote Power Feed Terminal (RPFT) — Installation and Wiring of Shelves
640-250-222	2	B Equipment Platform (Metallic and Fiber Systems) — Description
640-250-223	3	80-Type Cabinet Remote Terminal — Installation and Splicing (Metallic Systems)
640-250-224	2	Remote Terminal Splicing — Precabled Structures Using Bulk Protection
640-250-230	1	AT&T WP-92572 Walk-In Cabinet — Description and Installation (12-92)
640-250-235	1	Below Ground Electronics Remote Terminal (BERT) — Splicing, Operation, and Maintenance
640-250-237	4	51A Remote Terminal Cabinet (ED- 7C601-30) Placement — SLC Series 5 Carrier System (9-93)
640-250-238	2	51A Cabinet (Groups 3 and 4) — Splicing and Equipment Installation — SLC Series 5 Carrier System (7-93)
640-250-239	3	51A Cabinet With DDM-2000 and DDM-PLUS— Splicing and Equipment Installation (8-93)
640-250-240	2	60A Remote Terminal Cabinet — Placement — SLC 24 Carrier System
640-250-246	1	EEE, CEV, and Mini-Hut Expanding Outcounts Using (SLC) Series 5 Carrier System
640-250-247	2	SLC Series 5 Dual Channel Banks (Metallic) — Field Installation Into 80-Type Cabinets — Precabled for SLC Series 5 Carrier System
640-250-248	1	Precabled Structures Using Bulk Protection — Remote Terminal Splicing (Metallic) — SLC Series 5 Carrier System
640-250-250	2	Precabled Structures Using Bulk Power and Protection — Splicing and Cabling Arrangements (Metallic and Fiber)
640-250-251	1	24-foot Platform (ED-7C632-30) Arranged for SLC Series Carrier System — (Distributed Power and Metallic Feeder) Distribution and Operation
640-250-252	2	80D Cabinet (Fiber) — Description, Installation, and Splicing — SLC Series 5 Carrier System
640-250-253	1	AT-9049 Type Protector and Cable Enclosure — Description and Installation
640-250-254	1	80E Cabinet (Fiber) — Group 88 — Description, Installation, and Splicing SLC® Series 5 Carrier System and SXSS Repeater Shelf

Number	Issue	Subject
640-250-255	4	80D Cabinet (Fiber) — Groups 91, 92, and 93 — Installation, and Splicing — SLC Series 5 Carrier System and SXSS Repeater Shelf
640-250-256	2	80E Cabinet (Fiber) — Group 70, 71, 90, and 91 — Description, Installation, and Splicing — SLC Series 5
640-250-257	4	80E-BP Bulk Power Cabinet (Fiber: Group 90) — Splicing and Equipment Installation (5-93)
640-250-258	3	80E-BP (Bulk Power) Cabinet (Group 14)— Splicing and Equipment Installation
640-250-260	1	80D Cabinet RT — Description, Installation, and Splicing
640-250-261	1	80E Cabinet (Fiber) (Groups 58, 59, 73, 74, 75, and 76) — Description, Installation, and Splicing — SLC Series 5 Carrier System — SXSS Repeater Shelf, and 800 Series DSX
640-250-262	2	80E-BP (Bulk Power) Cabinet (Group 13)— Splicing and Equipment Installation
640-250-263	3	80E-BP (Bulk Power) Cabinet (Fiber: Group 89)— Splicing and Equipment Installation (5-93)
640-250-264	1	80D Cabinet (Fiber) — Groups 29, 47, and 48 — Description, Installation, and Splicing — SLC Series 5 Carrier System and DS1 Extension Shelf
640-250-265	2	80D-BP (Bulk Power) Cabinet (Fiber: Group 190) — DDM-2000 OC-3, DDM-2000 OC-12, and DDM-PLUS — Splicing and Equipment Installation (7-93)
640-250-270	1	90A Cabinet — Business Remote Terminal (BRT) — Description, Installation, and Splicing — SLC Series 5 Carrier System
640-250-271	1	90A Cabinet — Business Remote Terminal (BRT) Equipped with DDM-2000 OC-3 — Description, Installation, and Splicing — SLC Series 5 Carrier System (7-93)
640-250-272	3	90A and 90B Cabinet — Business Remote Terminal (BRT) — UL* Listed Remote Terminal — Installation and Safety Notes (8-92)
640-250-273	2	80A (Bulk Power) Cabinet (Fiber: Group 490) Splicing and Equipment Installation (Combined SLC Series 5 and SLC-2000) (10-92)
640-250-275	1	35A Cabinet — Description and Installation
640-250-276	2	80A (Bulk Power) Cabinet (Groups 13, 14, and 89) — Splicing and Equipment Installation (5-93)
Appendix 1	1	80A (Bulk Power) Cabinet (Groups 13, 14, and 89) — Splicing and Equipment Installation
640-250-277	4	80A (Bulk Power) Cabinet (Groups 90 and 91) — Splicing and Equipment Installation (4-95)
640-250-279	3	80D-BP (Bulk Power) Cabinet (Fiber: Group 90) — Splicing and Equipment Installation (7-93)
640-250-280	1	Precabled 24-Foot CEV Using Bulk Power and Protection Splicing and Cabling Including FTTH (Fiber to the Home Feature) SLC Carrier Systems
640-250-281	1	90A Cabinet Business Remote Terminal (BRT) Equipped with DDM-2000 OC-3 — Description, Installation, and Splicing (11-93)
640-250-282	1	90A Cabinet Business Remote Terminal (BRT) — Description, Installation, and Splicing (7-92)
640-250-283	1	90A Cabinet Business Remote Terminal (BRT) Equipped with Optimux/Combimux — Description, Installation, and Splicing — SLC 240 Network Access System (11-93)
640-250-286	3	80D-BP (Bulk Power) Cabinet (Metallic: Group 14) — Splicing and Equipment Installation (7-93)
640-250-287	3	80D-BP (Bulk Power) Cabinet (Metallic: Group 13) — Splicing and Equipment Installation (7-93)

* UL is a registered trademark of Underwriters Laboratories

Number	Issue	Subject
640-250-288	1	81C (Bulk Power) Cabinet (Group 1) — Splicing and Equipment Installation (7-94)
640-250-289	1	80G-HX (Heat Exchanger) Fiber Group 90 Cabinet LSC-2000 Splicing and Equipment Installation (5-95)
640-250-290	2	80D-BP (Bulk Power) Cabinet (Fiber: Group 490) — Splicing and Equipment Installation — Combined SLC Series 5 and SLC-2000) (7-93)
640-250-291	1	80A-HX (Bulk Power With Heat Exchanger) Cabinet Fiber. Group 90(LSC-2000) — Splicing and Equipment Installation (7-93)
640-250-293	2	80A (Bulk Power) Cabinet (Group 190) Splicing and Equipment Installation (4-95)
640-250-294	2	Splicing and Encapsulation Field-Encapsulated 40-Type Cabinet (2-92)
640-250-295	3	80D-BP (Bulk Power) Cabinet (Fiber. Group 89) — Splicing and Equipment Installation (7-93)
640-250-296	3	J1C182BD-1 20-Amp Bulk Power Shelf Turn Up Procedure (7-94)
640-250-297	1	40 EP4/EP5-Type Cabinets — Splicing (3-92)
640-250-298	2	80E-BK (Bulk Power) Cabinet (Fiber: Group 190)— Splicing and Equipment Installation
640-250-299	1	80D-HX (Bulk Power With Exchange) Cabinet— Fiber: Group 90 (SLC-2000) — Splicing and Equipment Installation (4-93)
640-250-325	4	80D Cabinet Remote Terminal — Description, Installation, and Splicing
640-250-326	1	80D Cabinet Remote Terminal — Description, Installation, and Splicing
640-250-327	2	80E Cabinet Remote Terminal Description, Installation, and Splicing SLC Series 5 Carrier Systems (Metallic)

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640-251 Digital Data System		
640-251-106	1	468F-Type Apparatus Case — Description and Installation
640-251-107	2	468F Type Apparatus Case — Splicing, Maintenance, and Testing
640-252 Lightguide Cable Systems		
640-252-039	1	Fiber Optics Buildout Description and Installation
640-252-040	1	1031A Tool Kit and 1006A Lightguide Connector — Description and Installation
640-252-041	1	ST® Multimode Lightguide Connectors — Description and Installation
640-252-042	2	F-61834 Optical Talkset (OTS) — Description and Operation
640-252-044	2	Assembly Instruction for ST® II Lightguide Cable Connectors Single-Mode and Multimode
640-252-046	3	Assembly Instruction for the AT&T CSL LightSplice™ System
640-252-095	1	General Sequence of Outside Plant Design, Construction, and Testing
640-252-097	3	Completion Test Procedures — Lightguide Media Transmission
640-252-098	1	Completion Test Procedures — Single Mode Lightguide Media Transmission with Smolts
640-252-099	1	Completion Test Procedures — Single Mode Lightguide Media Transmission with Source and Power Meter
640-252-101	2	Splicing and Splice Testing — LGA1
640-252-102	1	Repeater Station Terminations
640-252-106	1	191A Optical Time Domain Reflectometer (OTDR) — Description and Use
640-252-107	1	190A Optical Loss Test Set (OLTS) — Description, Use, and Maintenance
640-252-108	2	2A Fanout — Description and Use — Lightguide
640-252-111	1	51D3-LG Cable Closure — Description and Installation

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640-252-115	1	KS-22732, L1 Optical Time Domain Reflectometer (OTDR) — Description and Operation
640-252-116	1	KS-22820, L1 Multimode Optical Loss Test Set — Description and Operation
640-252-117	1	KS-22839 and KS-22840 Bandwidth Test Sets — Description and Operation
640-252-118	1	KS-22732, L1A OTDR (Optical Time Domain Reflectometer) — Description and Operation
640-252-119	1	KS-23171, L1/L2 Multimode Optical Loss Test Set (Molts) — Description and Use
■ 640-252-120AC	1	AT&T-NSD OSP Fiber Signature (10-92)
■ 640-252-121AC	1	Outside Plant — Splicing and Testing Overview (10-92)
■ 640-252-122AC	1	Outside Plant Loss Measurements for WDM Turn-up (1310 nms and 1550 nms)
640-252-125	1	LGA 2 Lightguide Cable Splicing and Splice Testing
■ 640-252-130AC	1	AT&T Network Service Division (NSD) Approved Fiber Restoration Splice
■ 640-252-131AC	1	Miller Fiber Optics Stripping Kit (3-93)
640-252-150	2	KS-22970, L1 Fusion Splicer and 1038A Fusion Splicing Accessory Tool Kit — Description and Operation
640-252-151	2	Multimode Lightguide Cable — Mechanical Splicing
640-252-174	2	Assembly Instruction for Rotary Mechanical Splice (RMS) — Single-Mode and Multimode
640-252-175	1	Single Mode Lightguide Cable — Bonded Splicing
640-252-176	3	Lightguide Cable — Single-Mode and Multimode RMS (Rotary Mechanics Splice)
640-252-177	3	Rapid Ribbon Splicing — Lightguide Ribbon Cable
640-252-180	1	F-61933 SMOTDR (Single-Mode Optical Time Domain Reflectometer) — Description and Operation
640-252-181	2	KS-23031, L1 SMOLTS (Single Mode Optical Loss Test Set) — Description and Operation
640-252-220	2	80-Type Cabinet — Description, Installation, and Splicing — Fiber
640-252-310	1	Concrete Hut (ED-7C285-30) — Splicing (Metallic and Fiber) — Combined SLC 96 and SLC Series 5 Carrier Systems
640-252-311	1	C Equipment Platform (ED-97973-31) — Splicing (Metallic and Fiber) — Combined SLC 96 and SLC Series 5 Carrier Systems
640-252-312	2	80-Type Cabinet — Description, Installation, and Splicing — Combined SLC 96 and SLC Series 5 Carrier Systems
640-252-313	2	Instruction Manual — 80C Remote Terminal Cabinet — Group 10 to Group 60 Conversion

640-3 Types N, O, and ON Carrier Systems

640-300 Carrier Apparatus, Types N and ON

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Addendum	1	
640-300-200	3	Description and Placing of Outdoor Repeater Cabinets
640-300-201	1	Installation of Moisture Seal
640-300-202	1	Outdoor Carrier Cabinets, Installation of Snow Shield
640-300-204	2	N and ON Repeater Cabinets (J98703BT) — Description and Splicing of Stub Cables
Addendum	1	
640-300-205	2	N2-Repeater Cabinets (J99321) — Description and Splicing of Stub Cables
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640-300-210	1	240-Type Amplifier — 469A and 469B Apparatus Cases — Splicing and Maintenance

640-305 Carrier Apparatus, Type O

640-305-201	1	Pole Mounted Equipment Cabinets Telephone and Power Wiring
640-305-205	3	538-Type Filters

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640-400-095	1	L4/L5 Carrier — General Description
640-400-100	2	154B-Type Regulators — Description and Installation
640-400-190	1	L5/T4M Outside Plant — Layout and Interconnection
640-440 Carrier Apparatus, Type L4		
640-440-204	2	470B2 Apparatus Case — Description and Maintenance
640-440-205	2	471-Type Apparatus Cases — Description and Maintenance
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640-5 Type T Carrier Systems		
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640-525-107	1	475-Type Apparatus Case — Description and Installation
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640-525-108	1	475F2, 475G2, and 475G2F Apparatus Cases — Description and Installation
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640-525-210	1	466- and 468-Type Apparatus Cases — Splicing and Maintenance
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640-525-211	5	475-Type Apparatus Case — Splicing and Maintenance
640-525-212	4	475G2, 475J, and 475K Apparatus Cases — Description, Installation, Splicing and Maintenance
Addendum	1	
640-525-220	2	Pair Loss Measurements Using 113A and/or 113B Tests Sets — Digital Transmission Systems
640-525-225	3	T1 Line Error — Detector — Use
640-525-226	2	KS-22423 T1D Test Set — (Manhole Violation Detector) — Description, Use, and Maintenance — T1D System
640-525-304	1	T1 and T1/OS Carrier — 468C6 Apparatus Case — Description, Installation, Splicing, and Maintenance
640-525-307	5	818-/819-Type Repeater Cases — Description, Installation, Splicing, and Maintenance — T1, T1C, T1D, T1G, and T1/OS Carrier Systems
640-525-308	3	809-Type Repeater Cases — Description, Installation, Splicing, and Maintenance
640-525-309	4	841B and 841C Repeater Cases — Description, Installation, Splicing, and Equipping
640-525-310	2	41-Type Lightguide Interconnect Cabinet Description, Installation, Cable Routing, and Equipping
640-525-311	1	841B-MSDT and 841C-MSDT Cabinets Description and Installation (1-95)
640-525-312	2	841A Repeater Case Description, Installation, Splicing, and Equipping (10-93)
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640-527 T1C Systems		
640-527-107	3	479-Type Apparatus Case — Description, Installation, Splicing, and Maintenance
640-527-211	3	479-Type Apparatus Case — Splicing and Maintenance
640-527-220	3	J98725AA Test Set — T1, T1/OS (T1 Out- State), T1C, T1D, T1G — SLC 40 and SLC 96 Carrier Systems — Pair Loss Measurements
640-527-225	1	J98725AB Test Set — T1C, T1, T1/OS Bipolar — Violation Detector — Use
640-530 T2 Systems		
640-530-106	4	473-Type Apparatus Cases — Description and Maintenance
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640-530-220	1	Pair Measurements in Repeater Sections
640-530-230	3	Manhole Layout — Equipping T2 Carrier System

640-540 T4 Systems

640-540-101	1	T4M Digital Line — General Sequence of Outside Plant Construction and Testing
640-540-106	1	471M1 Apparatus Case — Description and Maintenance
640-540-107	1	472H1 Apparatus Case — Description and Maintenance
640-540-150	1	T4M Digital Line — Plug-In Equipment at Repeated Stations — Installation and Replacement
640-540-230	2	T4M Digital Line — Manhole Layout and Equipping
640-540-401	2	T4M Coaxial Cable — Tests and Requirements

640-6 Broadband Systems

640-630/635 Broadband Apparatus

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640-630-106	1	KS-20159 and KS-16831 Amplifiers — 467A, 467B, 467C, and 467D Apparatus Cases — Description
640-635-106	1	Wideband Loop Repeaters — 470A Type Apparatus Case — Description and Splicing

640-640 Picturephone Equalizers

640-640-100	1	Apparatus Case — Description
640-640-106	1	471J-Type Apparatus Case — Description and Splicing
640-640-200	1	Apparatus Case — Splicing and Maintenance

640-WIP Workcenter Information Packages

✇640-WIP-001	1	841B and 841C Repeater Cases — Installation (slide/audio)
✇640-WIP-003	1	MOLTS (Multimode Optical Loss Test Set) — Operation (slide/audio)
✇640-WIP-004	1	Fusion Splicer KS-22907-L1 — Operation (slide/audio)
✇640-WIP-005	1	Multimode Bandwidth Test Sets — Operation (slide/audio)
✇640-WIP-006	1	SMOLTS (Single-Mode Optical Loss Test Set) — Operation (slide/audio)
✇640-WIP-007	1	F-61838 — Optical Talkset (slide/audio)
✇640-WIP-008	1	KS-22732-L1A OTDR (Optical Time Domain Reflectometer) (slide/audio)
✇640-WIP-009	1	Anritsu* MW 98A Single-Mode OTDR (slide/audio)
✇640-WIP-010	1	ST® Connector — Installation (full action video)
✇✇640-WIP-011	3	CSL LIGHTSPLICE™ System — Installation (full action video) (4-92)
✇640-WIP-012	1	Rotary Mechanical Splice (full action video)
✇640-WIP-013	1	1005B Connector (slide/audio)
✇640-WIP-014	1	1006- and 2016-Type Biconic Connector — Installation (full action video)
✇640-WIP-015	1	R/L Sheath Lightguide Cable Preparation (full action video)
✇640-WIP-016	1	LXE Sheath Lightguide Cable Preparation (full action video) 640-WIP-017
✇640-WIP-017	1	Crossply Sheath Lightguide Cable Preparation (full action video)
✇640-WIP-018	1	General Trade Lightguide Cable Preparation (full action video)
✇640-WIP-019	1	Non-Metallic Sheath Lightguide Cable Preparation (full action video)
✇640-WIP-025	1	4000 Series Polishing Machine Operation (1/2-inch VHS) (4-92)
✇640-WIP-030	1	AT&T C12 LIGHTSPLICE INSTRUCTIONS (1/2-inch VHS) (4-92)
✇640-WIP-031	1	SC Fiber Optic Connector— Installation (full action video)(5-93)

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Division 643

Coil and Capacitor Cases and Apparatus Cases for Inductors and Filters

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643-2 Coil Cases

643-3 Apparatus Cases

643-4 Build-Out Cases

643-6 Installation

643-7 Splicing

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643-020-021	3	Characteristics of Superseded Load Coils and Load Coil Cases
643-2 Coil Cases		
643-200 Exchange Coil Cases		
643-200-101	6	Standard Exchange
643-200-140	3	Superseded Exchange — Coil Cases
643-250 Program Coil Cases		
643-250-101	3	Standard Program Load
643-250-140	3	Superseded Program — Load Coil Cases
643-260 Toll Coil Cases		
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643-270 Carrier Coil Cases		
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643-600 Installation — Aerial		
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643-640 Installation — In Splices		
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643-640-202	2	710-Type Coil Case — In-Splice Loading
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643-650 Installation in Cable Vaults		
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Division 644

Upkeep

644-0 Index and General Information

644-1 Locating

644-2 Cable and Associated Items

644-3 Structures

644-W WIPs (Workcenter Information Packages)

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644-104-100	1	Toning in a Noisy Environment
644-104-101	1	Buried PIC Cable — Prerehabilitation Testing
644-104-102	1	Buried PIC Cable — Fault Locating
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644-200-010	1	Cable Vents — Description and Installation
644-200-030	3	Restoring Wet PIC Cable Using Air Drying
644-200-031	2	Sheath Defects and Minor Core Damage— Repairing—Lead and Plastic Sheathed Cable
Addendum	2	
644-200-032	3	Reconstruction of Buried Distribution Plant
644-200-033	2	C Reclamation Compound Reclaiming Wet Buried PIC Cable
644-200-035	1	M-, 33-, 35-, 36-, 37-, and 231-Type Cabinets — Repair and Replacement Parts
644-200-040	1	Toll Cable Restoration — General
644-200-041	1	Coaxial Cable — Restoration Hardware — Description
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▲644-200-060	1	170A Test Set
644-200-072	1	N-Type Cable Terminals — 10N Cover — Replacing Plastic Housing
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644-201-101	1	Maintenance System for Air Core Polyethylene-Insulated Conductor (PIC) Cable in Underground Plant
644-201-105	1	1A Sensor — Description and Installation
644-202-075	1	G Bypass Valve — Description and Installation
644-202-101	2	Lightguide Cable — Repair
644-202-102	2	Field Fabrication of an Array Using the 1023B Tool Kit
644-202-202	1	Lightguide Cable — Restoration
■ 644-202-203	2	Optimal Restoration Handbook for Lightguide Cable
644-203-101	1	Aerial Plant Rehabilitation — Rebuilding Terminals and Closures
644-203-102	1	Rehabilitating Aerial Plant
644-203-151	1	40- and 42-Type Cabinets — Reconfiguration
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644-3 Structures		
Addendum	1	
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644-300-020	1	Steam Early Warning System — Description, Installation, and Operation

644-W WIPs (Workcenter Information Packages)

644-WIP Workcenter Information Packages

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644-WIP-002	1	Replacing N-Type Terminal Housing (slide/audio)
644-WIP-003	1	Rapid Ribbon Splice (full action video)
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644-WIP-006	1	40-Type Cabinet — Replacement Procedures (slide/audio)
644-WIP-007	1	Retrofitting the 100A Lightguide Interconnection Unit (slide/audio)
644-WIP-008	1	101A4 Closure — Installation (full action video)
644-WIP-009	1	Retrofitting Service Wire Closures Using 400 NIU
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Division 649

Outside Plant Construction Equipment

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- -000 Indexes
- -020 Construction Equipment — General
- -030 Construction Equipment — Motorized
- -040 Construction Equipment for Motor Vehicles — General

649-2 Load Handlers
- -210 Trailers, Dollys and Accessories
- -215 Power Lifting Equipment

649-3 Power Driver Tools
- -300 Pole Derricks
- -305 Winches
- -310 Wire Rope
- -315 Power Reels
- -320/329 Duct Rodder
- -350 Power Lifts
- -351/352 Aerial Lift Trucks
- -360 Earth — Boring Machines

649-4 Pipe Pushers and Electrified Vehicle
- -420 Pipe Pushing Equipment
- -480 Electrified Vehicle

649-5 Engines, Blowers, Heaters, Generators, Pumps, Saws, Air Compressors/Tools
- -500 Portable Engines
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■ 649-030-400	1	Asphault Maintainer — Operation and Maintenance (1-95)
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649-040-105	3	Hydraulic Brake Locks — Description and Operation
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649-210-105	2	Towing Hooks
649-210-111	1	Cable Reel Trailers
649-210-112	1	HWSC Trailer
649-210-115	1	WSC Trailer
649-210-116	1	"TRUCO" Cable Reel Trailer — Description and Use
649-210-120	1	R Cable Reel Brake
649-210-121	1	B Cable Reel Brake
649-210-122	1	AT-8413 Cable Reel Brake — Description and Operation
649-210-125	1	TF Cable Guide
649-210-130	1	E Cable Lasher, Installation
649-210-131	1	Multispindle Trailers, GARCO Model GTMR-21-3 — Description and Operation
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649-210-134	1	Handling and Transporting — Large Hand Cable Reels
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649-215 Power Lifting Equipment		
■ 649-215-100	1	Skid-Steer Loader — Operation and Manitenance (8-94)
■ 649-215-105	1	Forklift — Operation and Manitenance (3-95)
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649-3 Power Driven Tools		
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649-300-021	2	Corner Mounted Rotating Derricks Equipped With Hydraulic Digger — Description and Operation — General
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649-300-115	1	Earth-Boring Machine Type
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649-300-125	1	HP-40, HP-45 Pole Derricks
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649-300-140	1	D Underground Cable Puller
649-305 Winches		
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649-305-103	2	AT-8467 (LCD) Winches — Description and Operation
649-305-105	1	Auxiliary Hydraulic Winch Drive
649-305-111	2	Power Winches, Single-Drum — Description and Use
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649-305-125	2	CH Winch Rope Winders — Description and Use
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649-310 Wire Rope		
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649-310-111	1	Cable Reel Slings
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649-315 Power Reels		
649-315-100	2	AT-8136 L1A Power Reel — Description and Use

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649-315-108	1	B Capstan Winch—Description and Use
649-315-111	1	Wire Feeding Tube

649-320/329 Duct Rodder

649-320-100	1	Flexible Sewer-Rod Duct Rodder
649-321-100	2	Champion Duct Rodder (RPV and Model S66)
649-325-101	2	Fishline Kit (Pneumatic)

649-350 Power Lifts

649-350-100	3	H-21 Trunk Platform Ladder, Operation
649-350-101	1	6067-A Telephone Set, Intercommunicating Set for H-21 Ladder
649-350-111	2	Aerial Ladder — Halline — Description and Operation
649-350-121	2	Aerial Ladder — Utility — Description and Operation

649-351/352 Aerial Lift Trucks

649-351-101	2	"Telsta" T-40B Description and Operation
649-351-121	2	Servi-Lift — Description and Operation
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649-352-101	1	Preparation for Use

649-360 Earth-Boring Machines

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649-360-111	1	PE Digger
649-360-120	2	B, B2 and BH2 Hydraulic Diggers
649-360-130	1	Rock Drill
649-360-135	1	Compacting Earth Auger — Description and Use
■ 649-360-137	1	Cold Milling Machine Operation and Maintenance (8-94)
■ 649-360-138	1	Directional Bore Operation and Maintenance (8-94)
■ 649-360-139	1	Pneumatic Earth Bore Operation and Maintenance (12-94)

Number	Issue	Subject

649-4 Pipe Pushers and Electrified Vehicles

649-420 Pipe Pushing Equipment

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649-420-101	2	B Pipe Pusher
649-420-102	1	C Pipe Pusher

649-480 Electrified Vehicles

649-480-101	1	Lectro-Van — Generac* — Description and Operation

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649-500 Portable Engines

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649-500-102	1	Air-Cooled Wisconsin Engines
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649-500-111	4	C and F Engine

649-510 Blowers and Heaters

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649-510-100	2	DC Blower
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649-510-105	1	AC-DC Blower (AT-C 172X) — Description and Use
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649-510-106	2	Blower — Description and Use
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* Generac is a registered trademark of Generac Corporation

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■ 649-530-125	1	Concrete-Asphalt Cutter — Operation and Maintenance (8-94)
■ 649-530-126	1	Concrete/Asphalt Saw — Operation and Maintenance (12-94)

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■ 649-535-100	1	Tack Distributor — Operation and Maintenance (12-94)

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649-540-100	1	Air Compressors, Compressed Air Tools
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* Gorman-Rupp is a registered trademark of The Gorman-Rupp Company

† Barco is a registered trademark of Barco Industries, Inc.

Division 660

Test Center Operation

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-168 ARSB/LMOS (Automated Repair Service Bureau/Loop Management Operations System)

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660-150-010	4	Customer Line Card File AT&T document
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660-153-010	1	Concentrator Equipment Card AT&T document

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660-165-007	3	Report 07 — Central Office Terminating Equipment — Description
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660-165-041	3	Report 41 — Referred in Reports — Detailed Listing — Description
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660-165-044	3	Report 44 — CPE (Customer-Provided Equipment) Report #2 — Unauthorized CPE Cases — Description
660-165-045	4	Report 45 — CPE #2 — Cases to be Billed — Description
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660-165-052	1	Report 52 — Maintenance Center Referral Time — Description
660-165-053	1	Report 53 — Maintenance Center Referral to Clear Time — Description
660-165-054	1	Report 54 — Initial Trouble Reports — Defective Equipment — Replacement Program (DERP)-Residence and Business — Description
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660-165-064	4	RSB Threshold Development Procedures — Description
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660-165-068	2	Time Share Option (TSO) Operational Concept — Output Report Retrieval Instructions
660-165-069	2	TREAT Operation Under a Batch Environment
660-165-070	3	TREAT Operation in an Information Management System (IMS) Environment — Description
660-165-100	1	Gfeller* Line Concentrator AT&T document

660-166 1A Line Concentrator

660-166-100	1	1A Line Concentrator — Characteristics, Operating Features, Testing and Maintenance Precautions

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660-168-011	11	Glossary of Terms
660-168-012	11	Loop Management Operations System — Transaction Reference Guide
660-168-013	1	User Codes
660-168-100	2	Equipped With Line Status Verifier — General Description
660-168-105	3	Processing of Hardware and Software Trouble Reports
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* Gfeller is a registered trademark of Gfeller AG

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660-168-121	10	Receive and Process Line Record Update Inputs — Automated Repair Service Bureau — Procedures
660-168-122	14	Loop Management Operations System — Update Line Record Procedures — Automated Repair Service Bureau
660-168-123	2	ALRU (Automated Line Record Update) Error Message Processing Automated Repair Service Bureau
660-168-124	2	Update Pair Gain Data Base Procedures
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660-168-130	11	Request System Information — User Guide
660-168-131	14	Request System Information — Procedures — Automated Repair Service Bureau
660-168-132	10	Description of Customer Line Record Fields — User Guide
660-168-151	4	Display Printed Output — Specify Printed Output — Procedures
660-168-152	3	Display Commitment — Specify Commitment — Position Practice
660-168-155	5	Create and Maintain Test List — Procedures
660-168-156	5	Initiate and Monitor Programmed Scan Testing — Procedures
660-168-163	10	Guide for Identifying Conflicts — User Guide — Automated Repair Service Bureau
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660-168-181	1	Installation Support Package — Glossary of Terms
660-168-182	1	Installation Support Package — Transaction Reference Guide
660-168-183	1	Installation Support Package — Request Installation Data Bases Information — Procedures
660-168-184	1	Installation Support Package — Request Installation Data Bases Information — User Guide
660-168-185	1	Installation Support Package — Update Work Item Data Base Procedures
660-168-186	1	Installation Support Package — On-Line Error Message Processing
660-168-187	1	Installation Support Package — Host Administrative Reports — User Guide
660-168-188	1	ISPP (Installation Support Package Parser) Error Message Processing

MLT (Mechanized Loop Testing)

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660-168-207	4	Interpretation of the Status and Test Summary Form — User Guide
660-168-208	3	Interpretation of the Trouble Report Form — User Guide
660-168-211	5	Enter Trouble Reports
660-168-229	2	Data Base Audits
660-168-230	10	ALRU (Automatic Line Record Update) — Error Message Processing — Automated Repair Service Bureau
660-168-231	7	Review Transactions — On-Line Error Message Processing — ARSB (Automated Repair Service Bureau)
660-168-232	6	LMOS — Update Transactions — On-Line Error Message Processing — ARSB
660-168-233	2	WOI (Work Order Interface) Error Message Processing — Automated Repair Service Bureau
660-168-240	3	Interpretation of Basic Output Report and Mini Output Report — User Guide
660-168-241	4	Sort and Distribute Printer Output — Procedures

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660-168-244	5	Test Transaction Procedures
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660-168-247	5	Verify Line Condition Procedures
660-168-248	4	Process Cable Trouble Data Procedures
660-168-249	5	Interpretation of Basic Output Report and Mini Output Report—User Guide
660-168-250	3	Analyze Output Reports and Determine Further Action — Position Guide
660-168-251	4	Generate A Trouble Report
660-168-252	1	Interpretation of Trouble Verification (TV) Transaction — User Guide — Mechanized Loop Testing-2 (MLT-2)
660-168-253	1	Mechanized Loop Testing-2 — TV (Trouble Verification) Transaction Test Procedures
660-168-254	3	Update Commitment Dates and Times — Position Practice
660-168-255	4	Commitment Procedures Guide
660-168-262	9	Update Cable Data Procedures — Automated Repair Service Bureau
660-168-270	2	Check Loop Testing Frame/Mechanized Measurement Module Readiness — Position Practice
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660-168-273	2	Acceptance Procedures
660-168-274	5	Maintenance — Preparation and Test Procedures for Test Trunk Circuits Using KS-22475 Trunk Test Set With KS-22475 L2 Adapter
660-168-275	1	Mechanized Loop Testing-2 (MLT-2) Acceptance Procedures
660-168-276	1	Mechanized Loop Testing-2 RMC Operation and Maintenance Guide
660-168-282	1	ISDN Trouble Analysis Guide — MLT/ISDN Feature Package One

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❶	660-168-402	2	Data Center Troubleshooting Guide
	660-168-408	3	High Capacity Front End (HCFE) — Administration Guide
	660-168-411	3	High Capacity Front End — Operations Handbook
	660-168-413	3	High Capacity End — Data Base Guide
	660-168-414	2	Error Messages Guide
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❶	660-168-430	2	Communications Processor — Error Messages Guide
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660-168-481	1	Operations Guide 1.1 AC Operations Handbook
660-168-483	1	Access Networking System — Administration Guide
666-168-486	1	Access Networking System — Error Message Guide
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660-169 ARSB/LMOS Maintenance Procedures

660-169-011	2	Trouble Report Evaluation and Analysis Tool (TREAT) — Categories of Trouble Reports and Classes of Service Measured — Loop Maintenance Operations System (LMOS)
660-169-012	1	Analysis Plan — Customer Service Quality Indicators — MCSIRBAN

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660-169-300	1	General Routine for Handling Trouble Reports
660-169-301	1	Procedures for Permanent Signals
660-169-302	1	Control and Administration of Cut Dead, Transposed and Transferred Pairs — Maintenance Center
660-169-303	1	Cable and Line or Station Transfers
660-169-304	1	Procedures for Handling Customer Trouble Reports on Wide Area Telephone Services Services
660-169-307	1	Responsibilities for Switched Services Networks
660-169-310	1	Procedures for Apartment Door Answering Service
660-169-312	1	Maintenance of Service Charge on Services With Customer-Provided Equipment — Description
660-169-313	1	Bulk Dispatch — Trouble Reports
660-169-314	1	No-Access Procedure
660-169-315	1	Test OK — Customer Doesn't Answer (TOK-DA) Procedures
660-169-316	1	Follow-Up Routines
660-169-320	1	Operating Procedures for Emergency Routine
660-169-321	1	Appointments
660-169-322	1	Cable Restoration — Identifying Paper Insulated Cable Pairs — Dedicated Plants
660-169-323	1	Scanner/Analyzer — Procedures
660-169-324	1	Assignment of Cable Pair Changes
660-169-599	1	Mechanized Trouble Report Ticket for Trouble Report — Evaluation and Analysis Tool (TREAT), Forms E-4732-5 TRT and E-4732-6 TRT

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660-200-015	1	Minimum Service Charge Arrangements
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660-202-011	1	Establishing and Restoring Temporary Patches
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660-203-010	1	Disposition of Monitoring Teletypewriter and TWX Copy
660-204-010	1	Special Handling of Private Teletypewriter Services
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660-205-010	1	Telegraph — Preparation and Use of Served Point Record — Form E-4481

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660-210-011	2	Local Special Services Results Plan AT&T document
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660-230-150	1	Packet Transport Network — Network Operations
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■ 660-249-100AC	1	Special Service Center — Administrative Guide (SSCAG)
660-249-101	1	Special Service Center/Switching Control Center/Network Terminal Equipment Center — Operations Interface AT&T document
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▲660-251-100	2	Screener/Distributor AT&T document
▲660-251-200	1	Screener/Distributor (CMS-3A) AT&T document
▲660-252-100	2	Controller/Tester
▲660-252-200	1	Controller/Tester (CMS-3A) AT&T document
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▲660-256-100	1	Repair Service Attendant AT&T document
▲660-256-200	2	Repair Service Attendant (CMS-3A) AT&T document
▲660-257-100	1	Maintenance Record Tracker AT&T document
▲660-258-100	1	Maintenance Tester AT&T document
▲660-258-200	2	Maintenance Tester (CMS-3A) AT&T document
▲660-259-100	1	Maintenance Analyzer AT&T document
▲660-259-200	2	Maintenance Analyzer (CMS-3A) AT&T document

660-4 Trunk Maintenance — General

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660-400-010	3	Trunk Service Results Plan
660-401-010	4	Testing and Operating Precautions for Message Trunks
660-402-010	3	Recording of Manual Transmission Measurements and Measurement Schedules
660-402-300	12	Transmission Maintenance — Overall 1000-Hz Loss Measurements on Message Trunks
660-402-310	1	Transmission Maintenance — Echo Suppressor Tests Using 58-Type Echo Suppressor Measuring System
Addendum	1	
660-403-011	4	Trunk Transmission Maintenance Index — Mechanized Summary Procedure — Data Reporting
660-403-300	4	Message Circuit Noise and Impulse Noise Measurements — Message Circuit Trunks — Test Classifications and Intervals
660-403-301	4	Investigation of Specific Noise and Crosstalk Troubles on Voice Frequency Circuits — Cable Circuits

Number	Issue	Subject
660-403-302	3	Investigation of Specific Noise and Crosstalk Troubles on Voice-Frequency Circuits — Open Wire Circuit
660-403-310	1	Transmission Maintenance — Echo Suppressor Tests Using 58-Type Echo Suppressor Measuring System
Addendum	2	
660-403-500	5	Message Circuit Noise Measurements on Message Trunks — Requirements
660-403-501	3	Measurement of Voice Frequency Crosstalk Coupling Using a Type-3 Noise Measuring Set
660-403-503	5	Crosstalk Tests on Message Trunks
660-403-504	3	Signaling Systems — Overall Tests on Trunks Employing Single Frequency Signaling
660-403-505	1	Transmission Maintenance of Voice-Frequency — Carrier Telegraph Facilities
660-405-300	2	Data Systems — DATAPHONE® Service and Data Access Arrangements Using the Switched Telecommunications Network — Toll Testroom Trouble Clearing Procedures
660-420-010	1	Automatic Trunk Test Frames Associated With ATMS — Central Office Administration
660-430-012	3	Control of 1 KHz Trunk Loss Deviations
660-440-010	3	Test Line Circuits and Communication Trunks Nationwide Distance Dialing Plan
660-440-107	2	107-Type Test Line for Data Transmission Maintenance — Description
660-450-010	7	Forms for Recording Trunk or Circuit Order Test Results on Message Trunks — Test Center Operation
660-450-300	3	Trunk Order or Circuit Order Tests for All Types of Message Trunks — General Information
660-450-301	5	Preservice and Maintenance Tests for All Types of Message Trunks
660-450-302	1	Circuit Order or Trunk Order Tests for Carrier Telegraph Layouts
660-450-303	1	Preservice and Maintenance Tests for Operator and Attendant Services Trunks
660-450-502	1	Circuit Order or Trunk Order Tests — Testing Methods — Measurement of Office Wiring and Equipment Losses — 2-Wire Switching Offices
660-450-503	1	Circuit Order or Trunk Order Tests — Testing Methods — Measurement of Office Wiring and Equipment Losses — 4-Wire Switching Offices
660-450-504	1	Circuit Order or Trunk Order Tests — Testing Methods — Adjustment of Transmission Levels on Combination Trunks — Intermediate Offices
660-450-505	4	Trunk Order or Circuit Order Tests — Testing Methods — Channel Net Gain
Addendum	1	
660-450-506	1	Circuit Order to Trunk Order Tests for Overseas Operator Bridged Access Trunks — 10C and 10TC Operation — 4A and 4M Toll Switching Systems and 3C or 3CL Switchboards
660-450-507	1	Common Channel Interoffice Signaling — Voice Frequency Link — Description, Maintenance, and Tests
4ESS™ Offices		
660-460-010	1	Terminal Balance Records
660-460-100	1	Terminal Balance — General Information
660-460-301	2	Terminal Balance Requirements
No. 1 Trunk Concentrator		
660-461-100	1	No. 1 Trunks Concentrator — General Balancing Information
660-461-101	1	No. 1 Trunk Concentrator — General Balance Information — Administration and Records
660-461-301	1	No. 1 Trunk Concentrator — Balance Requirements and Verification Tests

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No. 23 ACD (Automatic Call Distributing) System		
660-462-010	1	No. 23 Concentrator Through and Terminal Balance — Administration and Records
660-462-100	1	No. 23 Concentrator Through and Terminal Balance — General Information
660-462-301	2	No. 23 Concentrator Through and Terminal Balance — Requirements
660-462-500	1	No. 23 Concentrator Through and Terminal Balance — Network Build-Out Capacitor (NBOC) Selection
660-462-502	1	No. 23 Concentrator Through and Terminal Balance — Drop Build-Out Capacitor (DBOC) Adjustment and Verification Tests
660-462-504	1	No. 23 Concentrator Through and Terminal Balance — Balance Test Equipment and Test Circuit
No. 1/1B Traffic Service Position System		
660-463-010	3	Impedance Balance — Administration and Records
660-463-100	3	Impedance Balance — General Information
660-463-301	3	Impedance Balance Requirements
Addendum	1	
660-463-500	2	With Remote Trunk Arrangement, Position Subsystem No. 2, and Automatic Coin Toll Service — Balance — Base Unit
660-463-502	1	Remote Trunk Arrangement/Position Subsystem No. 2 — Balance — RTA
660-463-504	1	Position Subsystem No. 2 and Remote Trunking Arrangements — Balance — Test Equipment, Test Circuits, and Terminations
1/1A ESS™ Offices With HILO 4-Wire Switching		
660-470-010	1	Through and Terminal Balance Records
660-470-100	2	Through and Terminal Balance
660-470-300	2	Through Balance Requirement
660-470-301	2	Terminal Balance Requirements
660-470-500	1	NBO Selector for Associated Switchboards for Through and/or Terminal Balancing
660-470-501	1	Through Balance Drop Build-Out (DBO) Procedures and Verification Tests
Addendum	1	
660-470-502	1	Terminal Balance DBO Procedures and Verification Tests
660-470-504	1	Test Routines, Test Circuits, Test Terminations, and Test Equipment Applications for Through and Terminal Balance
660-470-520	1	Selection of Office NBO in Large Class 5 Offices
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660-471-010	1	Through and Terminal Balance — Administration and Records
660-471-100	2	Through and Terminal Balance — General Information
660-471-300	2	Through Balance Requirements
660-471-301	4	Terminal Balance Requirements
Addendum	1	
660-471-500	1	Office NBO Selection for Through and/or Terminal Balance
660-471-501	1	Through Balance Build-Out Procedures and Verification Tests
Addendum	1	
660-471-502	1	Terminal Balance DBO Adjustments and Verification Tests
660-471-503	1	Through and Terminal Balance — Analysis of Balance Irregularities
Addendum	1	
660-471-504	1	Test Equipment, Test Circuits, and Terminations — Used in Through and Terminal Balancing Testing
660-471-520	1	Selection of Office NBO in Large Class 5 Offices Served by Crossbar Tandem Office AT&T document
No. 5 Crossbar Offices		
660-472-010	1	Through and Terminal Balance — Administration and Records AT&T document

Number	Issue	Subject
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660-472-100	1	Through and Terminal Balance — General Information AT&T document
660-472-300	2	Through Balance Requirements
660-472-301	4	Terminal Balance Requirements
660-472-500	2	Network Build-Out Selection for Through and/or Terminal Balance AT&T document
660-472-501	1	Through Balance Drop Build-Out Procedures and Verification Tests AT&T document
660-472-502	2	Terminal Balance and Drop Build-Out (DBO) Procedures and Verification Tests AT&T document
660-472-504	2	Test Equipment, Test Circuits, and Terminations Used in Through and Terminal Balance Testing AT&T document
660-472-520	1	Selection of Office NBO in Large Class 5 Offices Served by No. 5 Crossbar Office AT&T document

No. 4 Type Crossbar Offices

660-473-010	1	Through and Terminal Balance — Administration and Records AT&T document
660-473-100	1	Through and Terminal Balance — General Information AT&T document
660-473-300	3	Through Balance Requirements
660-473-301	3	Terminal Balance Requirements
Addendum	2	
660-473-500	1	NBO Selection for Through and/or Terminal Balance AT&T document
660-473-501	1	Through Balance Build-Out Procedures and Verification Tests
660-473-502	1	Terminal Balance — DBO Adjustments and Verification Tests AT&T document
660-473-504	1	Test Equipment, Test Circuits, and Terminations Used in Through and Terminal Balance Testing AT&T document
660-473-520	1	Selection of Offices NBO in Large Class 5 Offices Served by No. 4 Crossbar Office AT&T document

Number	Issue	Subject

Step-by-Step Offices

660-474-010	1	Terminal Balance — Administration and Records
660-474-100	1	Terminal Balance — General Information
660-474-301	4	Terminal Balance Requirements
660-474-500	1	Office NBO Selection for Terminal Balance
660-474-502	1	Terminal Balance DBO Adjustments and Verification Tests
660-474-504	1	Test Equipment, Test Circuits, and Terminations Used in Terminal Balance Testing
660-474-520	1	Selection of Office NBO in Large Class 5 Offices

Class 4P Toll Switchboards

660-475-010	1	Terminal Balance — Administration and Records
660-475-100	1	Terminal Balance — General Information
660-475-301	3	Terminal Balance Requirements
660-475-500	1	Decentralized Toll Offices (DTO and DSA Switchboards) — NBO Selection for Terminal Balance
660-475-502	1	Terminal Balance DBO Adjustments and Verification Tests
660-475-504	1	Test Equipment, Test Circuits, and Terminations Used in Terminal Balance Testing
660-475-520	1	Selection of Office NBO in Large Class 5 Offices

1/1A ESS Switching Offices

660-476-010	2	Through and Terminal Balance Records
660-476-100	2	Through and Terminal Balance — General Information
660-476-300	4	Through Balance Requirements
660-476-301	3	Terminal Balance Requirements
660-476-500	2	Hybrid Balancing Network Adjustment of 4-Wire ESS Trunk Circuits and NBO Selection for Associated Switchboards for Through and/or Terminal Balancing
660-476-501	2	Through Balance Drop Build-Out (DBO) Procedures and Verification Tests

Number	Issue	Subject
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660-476-502	2	Terminal Balance — DBO Procedures and Verification
Addendum	1	
660-476-504	2	Test Routines, Test Circuits, Test Terminations, and Test Equipment Applications for Through and Terminal Balance
660-476-520	2	Selection of Office NBO in Large Class 5 Offices Served by 1/1A ESS Switches
No. 5 Crossbar Automatic Call Distributor System		
660-477-010	1	Phase I — Administration and Records
660-477-100	1	Phase I — General Balancing Information
Addendum	1	
660-477-301	1	Phase I — Balance Requirements
660-477-500	1	Phase 1 — Balance Procedures — Network Build-Out Capacitance (NBOC) Selection
Addendum	1	
660-477-502	1	Phase I — Balance Procedures — Drop Build-Out Capacitor (DBOC) Selection and Verification
660-477-504	1	Phase I — Balance Test Equipment and Test Circuits
660-478-010	1	Phase II — Administration and Records
Addendum	1	
660-478-100	1	Phase II — General Balancing Information
660-478-301	3	Phase II — Balance Requirements
660-478-502	2	Phase II — Balance Procedures — Network Build-Out Capacitance (NBOC) Selection, Drop Build-Out Capacitor (DBOC) Selection, and Verification
660-478-504	2	Phase II — Balance Test Equipment and Test Circuits
AIS (Automatic Intercept Systems)		
660-479-100	1	General Balancing Information
660-479-101	1	Extended Range — General Balancing Considerations — Administration and Records
660-479-200	1	Extended Range — Net Build-Out (NBO) and Drop Build-Out (DBO) Capacitor — Selection and Application — AIS Test Circuit
660-479-301	1	Extended Range Balance Requirements and Verification Tests — Trouble Locating Procedures
No. 5 Crossbar Automatic Call Distributor System		
Addendum	1	
660-480-100	1	Phase 1 Extended Range — General Balancing Information
660-480-101	1	Phase 1 Extended Range — General Balancing Considerations — Administration and Records
660-480-200	1	Phase 1 Extended Range — Net Build-Out and Drop Build-Out Capacitor Selection and Application
Addendum	1	
660-480-301	1	Phase 1 Extended Range — Balance Requirements

660-5 Trunk Maintenance — Locations Other Than Testboards

660-501-500	2	Trunk Transmission Testing Using the Loop-Around Method
660-502-500	2	Manual Two-Way Transmission Measurement and Far-End Noise Check Using Code 104-Type Far-End Equipment
660-503-500	1	Use of Expanded ROTL Balance and Long- Term (BALT) Test Port
Addendum	1	
660-510-120	1	RMS-D3 — User Manual
Addendum	1	
660-510-121	1	RMS-D3 — Administrator Manual
660-510-150AI	1	SARTS/RMS-I — DTU Administrator's Manual (8-93)
660-510-152AI	1	SARTS/RMS-I — DTU Administrator's Manual (8-93)
660-576-500	2	Methods of Terminating at Class 5 Direct Distance Dialing Offices for Terminal Balance Measurements AT&T document

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660-6 Trunk Maintenance — Testboard Locations		
General		
660-600-010	2	Trouble Log for Combined Primary and Secondary Toll Testboards
660-602-010	1	AOIT Test Frame — Routine Test Record — Form E-4323
660-602-300	1	Use of the Automatic Outgoing Intertoll Test Frame
660-621-010	2	Classifying Distance Dialing Trouble Reports — DDD Service Bureaus (DDDSBs) and Data Service Bureaus (DSBs)
660-625-014	1	Trunk Performance Record Form E-5685
Addendum	1	
660-625-300	3	Procedures for Reporting and Handling Service Reports on Toll Message Trunks, Private Lines and VF Circuits
660-625-500	3	Test of Reporting Trunks and Associated Equipment
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Addendum	1	
660-630-010	3	International Service Results
660-630-301	2	International Services — Plant Operations
660-630-302	6	Identification of Offices Serving International Locations
660-630-303	1	International Service — International Service Coordination Centers and International Network Management Centers
660-630-310	4	International Service — Maintenance of Special and Transit Services
■ 660-630-310AC	6	International Services — Maintenance of Special Services — International ACCUNET® Reserved 1.5 Service — International DATAPHONE Digital Service — SKYNET® International Service — Maintenance of Transit Services
■ Appendix 1AC	1	Analog Circuit Equalization and Parameter Limits, Data and Alternate Voice/Data Services
■ Appendix 2AC	1	International DATAPHONE Digital Service — 56 KB/S and Subrate Digital Services
■ Appendix 3AC	1	SKYNET International Digital Service — 56 KB/S and 1.544 MB/S Services
■ Appendix 4AC	1	Voice-Only Private Line Service Using Circuit Multiplication Systems
■ Appendix 5AC	1	Maintenance of Nonstandard International Leased Services
■ Appendix 6AC	1	ACCUNET Reserved 1.5 Service — International Video Teleconferencing
660-630-311	1	Maintenance of International Record Carrier Circuits — Channels to Overseas Location — Private Line Services
660-630-312	2	International Services — Responsibilities and Trouble Locating Procedures for Circuits at Group and Supergroup Frequencies
■ 660-630-312AC	3	International Transmission Systems — Lineup and Maintenance of Groups and Supergroups Responsibilities for Trouble Location at Group and Supergroup Connector Points
■ Appendix 1AC	3	Maintenance Procedure — AT&T- C/COMSAT — Roaring Creek Earth Station
660-630-322	1	Emergency Restoration of Overseas Services
660-630-350	4	Maintenance of Interzone International — Message Trunks
660-638-500	1	Emergency Access Trunks at Class 1, 2, or 3 Toll Switching Offices
Intertoll and Toll Connecting		
660-642-301	1	Trunk Maintenance — Test Board Locations — Testing and Sectionalizing IT and TC Trunks Using the Integrated or Intertoll Manual Test Frame and the Manual Test Frame Equipment With SMAS 3 in the Duit-Type Number 4 Crossbar Office

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660-8 Cable and Open-Wire Plant — Maintenance		
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660-800-010	2	Toll Testboard Log for Open Wire and Cable Troubles
660-801-010	1	Toll Testboard Cable Records
660-802-010	1	Cable Trouble History — Testboard Record
660-803-010	1	Toll Cable Distance Records
660-804-010	1	Toll Cable Records — Facility Diagrams
660-805-010	1	Toll Testboard Cable Records — Constants and Corrections
Addendum	1	
660-806-100	2	Theory of Wheatstone Bridge Measurements and Line Fault Locations
660-806-500	1	Line Fault Location — Use of Wheatstone Bridges — KS-3011 and KS-5588
660-807-500	2	Faults — Open Wire and Cable — Voltmeter and Wheatstone Bridge — Testing Procedure
660-808-010	1	Gas Pressure Testing — History Record and Maintenance Summary — (Periodic Charging System)
Addendum	1	
660-809-500	1	Faults — Cable Under Gas Pressure — Wheatstone Bridge Measurements and Preparation of Pressure Graph
Line Fault Location		
660-810-500	1	General Correction Methods
660-811-500	1	Correction for Office Cable, Toll Entrance and Intermediate Cable and Loading
660-812-500	1	Correction for Change in Gauge and Capacitance
660-813-500	1	Correction for Aerial and Underground Cable Temperature Differences
660-814-500	1	Correction for Transposed Cables
660-815-500	1	Supplementary Tests and Correction on Type J Carrier Lines
660-816-500	1	Correction for Cables Arranged for Type K Carrier
660-817-500	1	Test on Cable Pairs with Type N Carrier
660-818-300	1	Open Wire Breaks — Emergency Restoration of Facilities Using Covered Wire
Addendum	1	
660-819-500	2	Test Methods for Coaxial Cables
660-820-300	1	Reports of Lightning Damage to Toll Cables
660-822-300	1	Protector Drainage Installations on Open Wire and Toll Entrance Cable
660-830 ACE (Automated Cable Expertise)		
❶ 660-830-001	4	User Manual
❶ 660-830-002	4	Installation Manual
❶ 660-830-003	4	A Short Cut to ACE

Division 662

Cable and Local Test DesksAnd Local Test Cabinets

662-0 Indexes and General Information

662-1 Cable Test Desks

662-2 Local Test Cabinets

662-3 No.12 and No.13 Local Test Desks

662-4 Local Test Desks

662-5 Customer Line Verification and Tests Involving Carrier, Range Extenders, and ESS™ (Electronic Switching System)

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662-0 Indexes and General Information		
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662-001-011	2	ETL
662-1 Cable Test Desks		
662-100-001	2	Test Voltage Power Supply — Description, Connection, and Maintenance
662-100-100	1	No. 2 and No. 3 — Description of Equipment
662-100-500	1	No. 2 and No. 3 — Operating and Testing Methods
662-2 Local Test Cabinets		
662-200-100	2	No. 1 — Description of Equipment
662-200-500	3	No. 1 — Operating and Testing Methods
662-201-100	1	No. 2 — Description of Equipment
662-201-500	1	No. 2 — Operating and Testing Methods
662-202-100	7	No. 3 — Description of Equipment
662-202-500	8	No. 3 — Operating and Test Procedures
662-3 No.12 and No.13 Local Test Desks		
662-300-101	1	12-Type — Descriptive Information
662-300-500	2	12-Type — Operation and Test Procedures
662-300-502	3	12-Type — Line Insulation Testing
662-300-503	1	12-Type — Wheatstone Bridge Tests
662-305-100	2	No. 13 — Description of Equipment
662-305-500	4	No. 13 — Method of Operation
662-4 Local Test Desks		
662-400 No. 14 (Local Test Desks)		
662-400-101	3	Descriptive Information
662-400-120	3	Console Test Position — Modified 14-Type — Descriptive Information
662-400-500	5	Testing Customer Lines — Operation and Test Procedures
662-400-501	7	Testing Customer Lines Using Remote Testing System — Operation and Test Procedures
662-400-502	4	Line Insulation Testing
662-400-503	1	Wheatstone Bridge Tests
662-400-504	3	Remote Testing System — Enhanced — Operation and Test Procedure
662-400-520	3	Console Test Position — Modified No. 14-Type — Operation and Test Procedure
662-400-524	2	Console Test Position — Modified No. 14-Type — Two- and Four-Wire Special Service Testing
662-405 No. 15 — Picturephone (Local Test Desk)		
❶ 662-405-100	1	15A — Descriptive Information
❶ 662-405-101	1	Descriptive Information
❶ 662-405-500	1	15A — Operation and Test Procedure

	Number	Issue	Subject
❶	662-405-501	1	Operation and Test Procedures
❶	662-405-701	1	Equalizer Adjustment
	Addendum	1	
❶	662-405-800	1	15A — Replacement Procedure — Test Units
❶	662-405-801	1	15B — Replacement Procedures — Test Units

662-410 No. 16 (Local Test Desk)

662-410-100	5	Descriptive Information
662-410-300	1	Maintenance
Addendum	1	
662-410-500	5	No. 16 Test Desk — Operation and Test Procedure
662-410-501	2	Subscriber Lines — Tests Using Remote Testing System
662-410-502	1	16-Type — Line Insulation Testing
662-410-504	3	Remote Testing System — Enhanced — Operation and Test Procedures
662-410-505	1	Supervisor Console

662-5 Customer Line Verification and Tests Involving Carrier, Range Extenders, and ESS™

662-500-100	3	Line Status Verifier — Description
662-500-300	4	Line Status Verifier — Maintenance
662-500-500	3	Line Status Verifier — Operation
662-502-500	2	Line Status Verifier — Line Condition Simulator — Description, Operation, and Maintenance
662-502-501	1	Line Status Verifier — Supervisor Console — Operation
662-502-502	1	Line Status Verifier — Attendant Training Simulator — Description, Operation, and Maintenance
662-505-500	2	Testing Customer Lines Equipped With Carrier Systems
662-505-501	1	Testing Customer Lines Equipped With U1 Carrier System
662-505-502	1	Local Test Desks and Local Test Cabinets Testing Customer Lines Equipped With KS-20988 Multichannel Subscriber Carrier
662-505-503	2	Customer Lines Equipped With SLM Subscriber Loop Multiplexer System—Testing Procedures
662-505-504	1	Testing Customer Lines Equipped With Subscriber Loop Carrier 1 (SLC®-1) System
662-505-505	3	SLC® 8 Subscriber Loop Carrier System — Testing Customer Lines
662-505-506	2	Customer Lines Equipped With SLC-40 Subscriber Loop Carrier System — Testing Procedures Using J93016 — Remote Test System At Local Test Desks and Local Test Cabinets
662-505-507	3	Local Test Desks and Local Test Cabinets — Testing and Trouble Shooting Customer Lines — SLC-96 Carrier System — Equipped With Pair Gain Test Controller
662-506-500	2	Loop Switching System (LSS) — Testing Customer Lines — Repair Service Bureau/Maintenance Center
662-510-500	6	Testing Customer Lines Equipped With Range Extender
662-515-500	2	Operation and Test Procedures — 1 and 1A ESS™ Switching Equipment
662-515-506	1	Repair Service Bureau — Analyzing and Interpreting Messages on the Automatic Line Insulation Test (ALIT) — Teletypewriter Channel — No. 1E5 Electronic System
662-515-507	1	No. 1 ESS — 1E6 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
662-515-508	1	No. 1 ESS — 1E7 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
662-515-522	1	Repair Service Bureau — Analyzing and Interpreting Messages on the Automatic Line Insulating Test (ALIT) — Teletypewriter Channel — No. 1AE5 Electronic Switching System

	Number	Issue	Subject
	662-515-523	1	No. 1A ESS — 1AE6 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
	662-515-524	1	No. 1A — 1AE7 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
	662-516-500	3	Operation and Test Procedures — No. 2 and No. 2B Electronic Switching System
	662-516-501	2	Repair Service Bureau — Analyzing and Interpreting Messages on the Automatic Line Insulation Test (ALIT) — Teletypewriter Channel — No. 2 and No. 2B Electronic Switching System
❑	Addendum	1	
	662-516-502	2	Repair Service Bureau — Analyzing and Interpreting Messages on the Automatic Line Insulation Test (ALIT) — Teletypewriter Channel — No. 2 EF-2 and No. 2B EF2 Electronic Switching System
	662-516-503	1	No. 2B Electronic Switching System — 2BE3 Generic Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
	662-517-500	2	Operation and Test Procedures — No. 3 Electronic Switching System
	662-517-501	2	Repair Service Bureau — Analyzing and Interpreting Messages on the Automatic Line Insulation Test (ALIT) — Teletypewriter Channel — No. 3 Electronic Switching System
	662-517-502	1	Repair Service Bureau/Maintenance Management Center — Analyzing and Interpreting Messages on the Automatic Line Insulation Test (ALIT) — Teletypewriter Channel — No. 3 Electronic Switching System — 3E3
	662-518-500	2	1 or 1A ESS™ Switching Equipment — No. 10A Remote Switching System — Operation and Test Procedures — Local Test Desk and Local Test Cabinet
	662-518-501	2	Repair Service Bureau/Maintenance Center — Analyzing and Interpreting Messages — No. 1 Electronic Switching System/No. 10A Remote Switching System — 1E6 Generic
	662-518-502	1	No. 1 Electronic Switching System/No. 10A Remote Switching System — 1E7 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
	662-518-511	1	No. 1A Electronic Switching System/No. 10A Remote Switching System — 1AE6 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
	662-518-512	1	No. 1A — No. 10A Remote Switching System — 1AE7 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
	662-518-520	1	No. 2B Electronic Switching System (ESS)/No. 10A Remote Switching System (RSS) — Operation and Test Procedures — Local Test Desk
	662-518-521	1	No. 2B Electronic Switching System — No. 10A Remote Switching System — 2BE3 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
	662-519-500	2	5ESS® Switching Equipment — Operation and Test Procedures — Local Test Desk
	662-519-501	1	No. 5 Electronic Switching System — 5E1 Generic — Analyzing and Interpreting Messages — Repair Service Bureau/Maintenance Center
	662-520-500	3	150A Ringer Counter Test Set — Description, Operation, and Maintenance
	662-520-505	2	149-Type Test Set for Detection of Unauthorized Equipment — Description, Operation, and Maintenance

Number	Issue	Subject
Addendum	1	
662-525-300	2	Automated Repair Service Bureau — Status Entry Device — Maintenance
Addendum	1	
662-525-301	1	Automated Repair Service Bureau — Status Entry Service Multiplexer — Maintenance
662-525-500	2	Loop Maintenance Operations System — Status Entry Device and Status Entry Device Multiplexer — Operational Considerations
662-526-300	2	Automated Repair Service Bureau — Equipped With Line Status Verifier — Line Status Verifier — Interface Unit — Maintenance
662-526-502	1	Automated Repair Service Bureau — Processor Switch J1P023H — Description and Operation
662-527-300	1	Automated Repair Service Bureau — Equipped With Automatic Line Verifier — Loop Testing Frame/Line Fault Detector — Troubleshoot Fault
662-527-302	1	Automated Repair Service Bureau — Equipped With Mechanized Loop Testing — Loop Testing Frame/Mechanized Measurement Module — Troubleshoot Fault
662-530-300	2	Automated Repair Service Bureau — Equipped With Line Status Verifier — Trouble Locating Procedures
662-531-300	1	Automated Repair Service Bureau — Equipped With Automatic Line Verifier — Trouble Locating Procedures
662-531-302	1	Automated Repair Service Bureau — Equipped With Mechanized Loop Testing — Trouble Locating Procedures

Division 664

Testboards For Other Than Special Services

664-0 Indexes, Equipment Test Lists, and General Information

664-1 No. 17B Testboard — General

664-2 No. 17B Testboard — No. 5 Crossbar Offices

664-3 No. 17B Testboard — Lower Unit J63516E and Modified Lower Unit J63516D — Arranged for No. 5 Crossbar Offices

664-4 No. 17B Testboard — Lower Unit J63516E — Arranged for Toll Switching Crossbar Tandem Offices

664-5 No. 17C Testboard

664-6 No. 18B Testboard

664-7 Tandem Patching Bay

664-8 Testboards No. 23A and B

664-0 Indexes, Equipment Test Lists, and General Information

Number	Issue	Subject
664-000-000	23	Numerical Index — Division 664 — Testboards for Other Than Special Services
664-000-010	1	Testboards — Jack Field and Supplementary Designations
664-001-011	4	ETL

664-1 No. 17B Testboard — General

Number	Issue	Subject
664-100-100	1	Description and Operating Principles
664-100-500	1	Operating and Testing Methods
664-100-501	1	Cord, Position, Dial, and Keyset Circuits Using Test Circuit SD-55056-01 — Tests and Inspections
664-100-502	1	Cord, Position, Telephone, Dial and Keyset Circuit Tests — Using Test Circuit SD-61097-02 or SD-63971-01
664-100-503	1	Patching Jack Board — Tests and Inspections

664-2 No. 17B Testboard — No. 5 Crossbar Offices

Number	Issue	Subject
664-200-500	1	Operating and Testing Methods
664-200-501	1	Testing and Patching Arrangements — Operating and Testing Methods
664-200-502	1	Dial Loop Test Trunk Circuit — Operating and Testing Methods
664-200-503	1	Testing Procedures Using E and M Supervision Test Trunk Circuit
664-200-504	1	Signal Test Panel Connecting Cord — Operating and Testing Methods
664-200-505	1	Dial Cord Circuit — Operating and Testing Methods
664-200-506	1	Probe Cord and Tone and Holding Trunk — Operating and Testing Methods
664-200-507	1	Lower Unit with No. 5 Crossbar Testing Facilities — Transmission and Noise Tests — Operating and Testing Methods

664-3 No. 17B Testboard — Lower Unit J63516E and Modified Lower Unit J63516D — Arranged for No. 5 Crossbar Offices

Number	Issue	Subject
664-300-500	1	Arranged for Toll Switching — No. 5 Crossbar Offices with or without No. 3-Type Switchboards — Operating and Testing Methods
664-300-501	1	Sleeve Supervision Test Circuits — Operating and Testing Methods
664-300-502	1	Reverse Battery — Loop Supervision Test Circuit — Operating and Testing Methods
664-300-503	1	Neon Lamp Signaling Test Circuit — Operating and Testing Methods
664-300-504	1	Dial Cord Circuit — Operating and Testing Methods
664-300-505	1	Tone and Holding Trunk Circuit — Operating and Testing Methods

Number	Issue	Subject
664-300-506	1	Measurement of Wiring Losses to Determine Pad Values for Transmission Measuring Circuits

664-4 No. 17B Testboard — Lower Unit J63516E — Arranged for Toll Switching Crossbar Tandem Offices

Addendum	1	
664-400-500	1	Operating and Testing Methods
664-400-501	2	Test Procedures — Reverse Battery Loop Supervision Test Cords
664-400-502	1	Test Procedures — Neon Lamp Signaling Test Circuit
664-400-503	1	Tone and Holding Trunk Circuit for Trouble Tracing in 2-Wire Switching Offices — Operating and Testing Methods
664-400-504	1	Test Procedures — Dial Cord Circuit
664-400-505	1	Arrangement for Measuring Losses to Determine Pad Values for Transmission Measuring Circuits
664-400-506	4	Transmission and Noise Measurements — Message Trunks

664-5 No. 17C Testboard

664-500-010	2	Emergency Calls Requiring Plant Department Assistance
664-500-100	2	Description
664-500-500	5	Operating and Testing Methods
664-500-501	2	Measurement and Adjustment of Pads for the Transmission and Noise Measuring Circuit Per SD-95900-01
664-500-502	1	Cord and Position Circuits Continuity Tests — Using Test Circuit SD-55534-01

664-6 No. 18B Testboard

664-600-100	1	Description and Operating Principles
664-600-500	2	Lower Unit — Operation and Testing Methods in No. 3 or No. 11 (Sleeve Supervision) Switchboard Offices
664-600-501	1	Lower Unit — Testing Methods in Nos. 1 and 2 Switchboard Offices and Nos. 1D, 9C, 9D, 10, 11 (Bridged Supervision) and 12 Offices
664-600-502	1	Lower Unit — Testing Methods for Message Trunks in Decentralized DSA Switchboards or Crossbar Tandem Offices
664-600-503	1	Lower Unit — Testing Methods for Message Trunks Serving Connecting Company Offices
664-600-504	2	Cord and Key Pulsing Circuits — Continuity and Operations Tests — Using Test Circuit SD-63971-01 or SD-55056-01

664-7 Tandem Patching Bay

664-710-100	1	For Spare Equipments and Patching Trunks for 4-Wire and 6-Wire VF Circuits

664-8 Testboards No. 23A and B

❶	664-800-100	1	General Description
	664-800-101	1	23B — General Description
❶	664-800-300	1	23A — No. 5 Crossbar Offices — Arranged for Picturephone Service — Operating and Testing Methods
	664-800-301	1	23B — No. 5 Crossbar Offices — Arranged for Picturephone Service — Operating and Testing Methods
❶	664-800-800	1	Arranged for Picturephone Service — Test Set Removal and Replacement Procedures
	664-800-801	1	23B — Arranged for Picturephone Service — Test Set Removal and Replacement Procedures

Division 666

Testboards and Test Positions For Special Services

666-0 Index, Equipment Test List, and General Information
- -000 Indexes
- -099 CIRs (Customer Information Releases)

666-1 No. 2 and No. 9B Telegraph Serviceboards and No. 9 Telegraph Testboard

666-2 17E AND 19A Testboards
- -200 17E Testboard
- -201 19A Testboard

666-3 Telegraph, Toll, and Teletypewriter Testboards
- -300 10A Telegraph Testboard
- -301 10B Telegraph Testboard
- -302 10C Telegraph Testboard
- 303 17B Toll Testboard
- -304 20A TWX* (Teletypewriter Exchange Service)

666-4 21A Testboard

666-5 Private Line Testboards
- -500 No. 22A Testboard — Switched Maintenance Access System No. 1A
- -501 No. 22A Testboard — Manual Access Arrangement
- -502 No. 22A and No. 24B Testboards
- -511 Test of Data Services
- -512 DATASPEED® Test System and Test Access Console

666-6 Test Positions for Special Services
- -600 DDS (Digital Data System)
- -610 SARTS 1A (Switched Access Remote Test System 1A)
- -611 Processor Controllers - SARTS 1A
- -612 Test Position 52A - SARTS
- -615 RTS 5A (Remote Test System 5A) - SARTS
- -616 RMS (Remote Measurement System)
- -617 DATAPHONE® Test Center

666-7 Test Procedures for Private Line Telegraph Switching Systems
- -700 SSO Marketing and Training
- -702 Selective Calling Service STC (Serving Test Center)

* TWX is a registered trademark of The Western Union Telegraph Company

Number	Issue	Subject
666-0 Index, Equipment Test List, and General Information		
666-000 Indexes		
666-000-000	38	Numerical Index — Division 666 — Testboards and Test Positions for Special Services
666-001-011	2	Toll Type Equipment — No. 2 and No. 9B Telegraph Serviceboard — No. 9 Telegraph Testboard — Testboards and Test Positions
666-099 CIRs		
666-099-009TD	5	Remote Measurement System — Metallic (RMS-M1/M-Driver) Planning Guide, Operations Systems
666-099-018NP	2	Switches Access Remote Tests System (SARTS) AT-2 Feature, Operations Systems
666-099-034PS	1	SARTS Generic 2PC3 Feature — Automated SMAS Diagnostics, Operations Systems
666-099-035NP	1	SARTS (Switched access Remote Test System), Features — Enhanced SARTS and UAS (User Administration Subsystem), Operations Systems
666-099-036NP	2	SARTS 2PC3 GI-5 Billable Feature, Operations Systems
666-099-037NP	4	RMS-MS Planning Guide, Operations Systems
666-099-038NP	1	Flow through and Data Manager, Operations Systems
666-099-039NP	1	RMS-D1 Release 4 System Planning Guidelines, Operation Systems
666-099-040NP	1	RMS-D1 Release 5 System Planning Guidelines, Operation Systems

Number	Issue	Subject
666-099-041NP	1	SARTS Autotest — Digital (AT-D), Operations Systems
666-099-042NP	1	SARTS 2PC3 G1-6 — Operations Systems
666-099-043TD	1	SARTS/DATAKIT® UC5 Switched BISYNC Communications
666-099-045NP	1	Switched Access Remote Test System (SARTS) Manager, Operations Systems
666-099-046TD	1	SARTS TA201:XL Translator — Operations Systems
666-099-047NP	3	Remote Measurement System — DS1/DS1A (RMS-DS1/RMS-DS1A) Release 1, Operation Systems
666-099-048IR	3	Remote Measurement System — DS1 (RMS-DS1), Operations System
666-099-049TD	1	SARTS 2PC3 GI-5 Implementation Planning Guide
666-099-050NP	1	SARTS 2PC3 GI-5 Billable Feature
666-099-051IR	2	Spares Exchange Service for RMS-D1, RMS-DS1, RMS-M and RMS-MS, Operations Systems
666-099-052NP	1	SARTS Analog AutoTest Features, Operations Systems
666-099-053NP	1	Switched Access Remote Test System SARTS Generic 2PC3 General Issue 6.1 Features
666-099-054TD	1	SARTS G16 Implementation Planning Guide, Operations Systems
666-099-055IR	1	SARTS/DATAKIT II VCS — x.25 Communications
666-099-057TD	1	DATAKIT VCS for SARTS PC Communication Links, Operations Systems
666-099-058TD	1	Switched Access Remote Test System SARTS GI-6.1 Implementation Planning Guide
666-099-059TD	1	Switched Access Remote Test System SARTS GI-7.0 Implementation Planning Guide
666-099-060NP	2/92	Remote Measurement System — RMS D1 Generic 6.0
666-099-061NP	6/92	SARTS GI-7.1 Implementation and Planning Guide
666-099-062NP	7/92	Switched Access Remote Test System Fault Tolerant SARTS FT Migration
666-099-062TD	11/92	Switched Access Remote Test System (SARTS) GI-9.0/8.1 Implementation Planning Guide for VAX

666-1 No. 2 and No. 9B Telegraph Serviceboards and No. 9 Telegraph Testboard

666-100-100	3	No. 2 and 9B Telegraph Serviceboards Direct-Leg Arrangements — Description and Operating Principles
666-100-500	1	2-Way Station Test Line Circuit SD-70924- 01 — Tests — No. 2 or 9B Telegraph Serviceboard — No. 9 Telegraph Testboard
666-100-501	1	Station Monitoring Test Line Circuit SD- 70925-01 — Tests — No. 2 or 9B Telegraph Serviceboard — No. 9 Telegraph Testboard
666-100-502	1	2-Way Station Line Circuit SD-70926-01 — Tests — No. 2 or 9B Telegraph Serviceboard — No. 9 Telegraph Testboard
666-100-503	1	Printer Service Position — No. 9 Telegraph Testboard
666-101-100	2	No. 2 Telegraph Serviceboard — Description and Operating Principles
666-101-500	1	No. 2 Telegraph Serviceboard — Operating and Testing Methods
Addendum	1	
666-102-100	1	No. 9B Telegraph Serviceboard — Hub Operation
666-103-100	1	Voice Frequency Line Test Connector — Description and Operation
666-103-101	1	Voice Frequency Line and Test Position — Description and Operation

666-2 17E AND 19A TESTBOARDS

666-200 17E Testboard

666-200-100	1	General Description
666-200-300	1	Measurement and Adjustment of Pads for the Transmission Measuring Circuit

Number	Issue	Subject
666-200-500	1	Measurement and Adjustment of Office Losses
666-200-501	4	Operational Tests

666-201 19A Testboard

666-201-100	3	General Description
666-201-300	2	Measurement and Adjustment of Pads for the Transmission Measuring Circuit
Addendum	1	
666-201-500	3	Operational Tests
666-201-501	2	Measurement of Office Losses
666-201-504	1	Multilevel Preemption Tests — Autovon Network

666-3 Telegraph, Toll, and Teletypewriter Testboards

666-300 10A Telegraph Testboard

666-300-100	1	Description of Equipment
666-300-500	1	Operating and Testing Methods
666-300-501	2	Operation Tests

666-301 10B Telegraph Testboard

666-301-100	1	Description of Equipment
Addendum	1	
❶ 666-301-500	2	Method of Operation
666-301-501	1	Operation Tests

666-302 10C Telegraph Testboard

666-302-100	1	Description of Equipment
666-302-500	1	Method of Operation
666-302-501	2	Operation Tests

666-303 17B Toll Testboard

666-303-500	2	Arranged for Testing TWX Trunks — 2- Wire Switching No. 5 Crossbar Offices

666-304 20A TWX

666-304-100	2	Description and Operating Principles
666-304-500	2	Operating Procedures

Number	Issue	Subject

666-4 21A Testboard

666-400/410

666-400-100	2	General Description
666-400-300	2	Measurement and Adjustment of Transmission Test Trunks
666-400-500	1	Measurement of Office Losses
666-400-501	2	Operational Tests
❶ 666-400-502	1	21A Testboard — Multiaddress Bridge — Tests — AUTOVON Network
666-410-100	1	Mobile Voice-Frequency (VF) — Transmission Test Cabinet — Description
666-410-500	1	Mobile Voice Frequency (VF) — Transmission Test Cabinet — Operational Tests

666-5 Private Line Testboards

666-500 No. 22A Testboard — Switched Maintenance Access System No. 1A

Addendum	1	
666-500-100	2	Description
666-500-500	2	Operational Test
666-500-501	2	Use of Signaling and Transmission Equipment — Restoral Circuit

666-501 No. 22A Testboard — Manual Access Arrangement

666-501-100	1	Description
666-501-500	1	Operational Tests

666-502 No. 24A and No. 24B Testboards

666-502-100	2	Description
666-502-500	2	Operational Tests

666-511 Test of Data Services

666-511-501	2	Provided by Data Set 201C From a Private Line Test Room
666-511-502	1	Provided by Data Set 202T From a Private Line Test Room
666-511-503	2	Provided by Data Set 208A-Type From a Private Line Test Room

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666-511-504	1	Provided by Data Set 209A-L1 From a Private Line Test Room

666-512 DATASPEED® Test System and Test Access Console

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666-512-100	1	Description and Operation
666-512-101	1	Maintenance and Tests
666-512-102	1	Remote Test Access Unit — Description and Operation
666-512-103	1	Remote Test Access Unit — Maintenance and Tests

666-6 Test Positions for Special Services

666-600 DDS

Number	Issue	Subject
666-600-100	2	950A Testboard (J70176A and B) — Description and Operation
666-600-101	2	Switched DDS — 950B Testboard (J70176C) — Description and Operation
666-600-300	2	950A Testboard (J70176A and B) — Maintenance Procedures
666-600-301	2	Switched DDS — 950B Testboard (J70176C) — Maintenance Procedures
666-600-500	2	950A Testboard (J70176A and B) — Inspection and Maintenance — Tests
666-600-501	2	Switched DDS — 950B Testboard (J70176C) — Inspection and Maintenance — Tests

666-610 SARTS 1A (Switched Access Remote Test System 1A)

Number	Issue	Subject
666-610-100	15	SARTS No. 2PC3 General Description (6-93)
666-610-101	5	Interconnections and Communications — Description
666-610-102	7	Command and Display Description
666-610-105	1	DIGITEST — User's Manual
666-610-106	1	DIGITEST — Administrator's Manual
666-610-111	2	Interconnections and Communications — Description
666-610-120	2	Switched Access Remote Test System (SARTS) — General Description (6-93)
666-610-300	3	Maintenance Methods
666-610-301	2	Automated Traffic Data Collection and Analysis Feature — Central Office Equipment Reports Processing and Reporting
666-610-501	8	RTS 5A (Remote Test System 5A) — Acceptance and Maintenance Tests
666-610-502	2	RTS 5A (Remote Test System 5A) — Automated Acceptance and Maintenance Tests

666-611 Processor Controllers — SARTS 1A

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666-611-110	2	No. 2 PC — General Description
666-611-130	2	No. 2 PC (No. 2 Process Controller) — Generic 2PC3 — General Description
666-611-132	2	No. 2 PC — Operating Instructions
666-611-133	1	CP (Communications Processor) — General Configuration Description
666-611-134	4	SARTS TA201:XL — Administrator's Manual (8-93)
666-611-140	1	No. 2 PC Generic 2PC3B — General Description
■ 666-611-142	1	SARTS 2PC3B Opetating Instructions
666-611-143	10	SARTS — Administrator's Manual (5-94)
666-611-144	2	SARTS (Star Server™ FT)— Administrator's Manual (6-93)
666-611-145	4	Flowthrough Data Manager (FTDM) Generic 3.1 — User Guide (2 vols.) (12-93)
■ 666-611-150AI	2	SARTS (StarServer FT) International Administration Manual
■ Addendum	1	
■ 666-611-154	1	SARTS Administrator's Manual (Singapore) (11-93)
■ 666-611-155	1	SARTS Administrator's Manual (Thailand) (1-94)
666-611-210	2	SARTS Deployment SMAS Implementation (6-92)
666-611-211	1	SARTS GTE CNAS (Circuit Network Administration System) Access Point Database Update Procedures
■ 666-611-245	1	FTDM User's Guide for Pactel (3-91)

Number	Issue	Subject
666-611-302	6	SARTS Manager — User's Manual (10-92)
Appendix 1	1	Manager History — Storage Binder
666-611-310	2	No. 2 PC — Maintenance Methods
■ 666-611-315	1	SARTS Software Release Description G2-11 (11-89)
■ 666-611-345	2	Flowthrough Data Manager (FTDM) — User Guide For GTE (6-94)
666-611-510	2	No. 2 PC — Operating System Test

666-612 Test Position 52A — SARTS

666-612-100	4	General Description
Addendum	1	
666-612-101	11	User's Manual — Test Commands (2 Vols.)
666-612-102	1	Scheduled Test Applications
666-612-103	1	Secondary Channel Testing — Application Handbook
666-612-104	8	SARTS User's Manual — Test Commands (12-93)
666-612-105	5	SARTS User's Manual — Feature Loadable Test Commands (6-92)
■ 666-612-106	1	FEFI User's Manual (2-94)
666-612-109	1	SARTS GI-7.1 — Test Command Menus (6-92)
666-612-111	1	SARTS — Macro Commands
■ 666-612-112	4	SARTS Test Commands Modifications and Additions
■ 666-612-150AI	3	SARTS User's Manual Graphic User Interface (GUI) (International)
■ 666-612-150DE	1	SARTS User's Manual Graphic User Interface (GUI) (German) (11-93)
■ 666-612-150ES	2	SARTS User's Manual Graphic User Interface (GUI) (Spanish) (12-94) ' '
■ 666-612-151TW	1	SARTS Test Commands (Taiwan) (11-93)
666-612-204	1	SARTS User's Manual — RTS-5A Test Commands (7-94)
666-612-205	1	SARTS User's Manual — RMS-M Test Commands (7-94)
666-612-206	1	SARTS User's Manual — RMS-MS Test Commands (7-94)
666-612-207	1	SARTS User's Manual — RMS-D1 Test Commands (7-94)
666-612-208	1	SARTS User's Manual — RMS-DS1 Test Commands (7-94)
666-612-209	1	SARTS User's Manual — TA201:XL Test Commands (7-94)
666-612-210	1	SARTS User's Manual — System Messages (7-94)
666-612-500	2	System Test and Maintenance Procedures

666-615 RTS 5A — SARTS

666-615-300	2	Maintenance Methods
666-615-305	4	SARTS RTS-5A Service Manual

666-616 RMS (Remote Measuring System)

666-616-100	7	RMS-D1 — User's Manual (4-93)
666-616-101	7	RMS-D1 — Administrator's Manual Maintenance Position Volumes 1 and 2 (12-92)
666-616-102	3	RMS-D1 — Binder for Application Software
666-616-105	3	RMS-D1 and RMS-DS1 Commands — Job Aid
666-616-110	3	RMS-DS1 User's/Administrator's Manual
666-616-111	1	RMS-DS1 Administrator's Manual
666-616-120	6	RMS-Metallic — User's Manual (6-93)
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666-616-121	6	M-Driver — User's Manual (2-92)
666-616-123	2	RMS-MS — User's Manual
666-616-124	2	RMS-M and RMS-MS Commands

666-617 DATAPHONE® Test Center

666-617-100	1	DATAPHONE Select-a-Station Service — Test Centers — Administrative Procedures
▲666-617-101	2	Select-A-Station Service — Test Center Procedures — DATAPHONE Data Communications Service

	Number	Issue	Subject
❶	666-617-102	1	DATAPHONE Multiplex System Using 1200-Type Data — Multiplexer- Administrative Procedures
	666-617-104	2	DATAPHONE II Data Communication Service — Administrative Methods

666-7 Test Procedures for Private Line Telegraph Switching Systems

666-702 Selective Calling Service — STC

666-702-500	1	85A-Type Data
666-702-501	1	86A-Type Data
Addendum	1	
666-702-502	1	86B-Type Data
666-702-503	2	9131 Teletypewriter

Division 667

Switched Maintenance Access and Servicing Systems

667-0 Index and General Information

-097 All CIRs (Customer Information Releases) Except AT&T-C

-099 General Distribution CIRs

667-1 SMAS (Switched Maintenance Access Systems) No. 1A

667-2 SMAS No. 2A

667-3 SMAS

-301 No. 3A, 3B, and 3C

-302 No. 4A

-303 No. 5A and 5B

667-4 SASSY (Switched Access Servicing System)

-400 SASSY

667-5 RMS-DAU — (Remote Measurement System — Digital Access Unit)

-500 RMS-DAU

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667-000-000	56	Numerical Index — Division 667 — Maintenance Access Systems
667-000-001	4	Access Point Information
234-097 ALL Customer Information Releases (CIRs) Except AT&T-C		
667-1 SMAS NO. 1A		
667-101-100	1	Description
667-101-101	1	Switching, Control, and Maintenance Panel Circuits — Description
667-101-300	1	Maintenance Panel and Trouble Indicator
667-2 SMAS NO. 2A		
667-201-100	1	Description
667-201-300	2	Measurement and Adjustment of Buildout Pads and Amplifiers
667-201-500	1	Tests
667-3 SMAS		
667-301 No. 3A, 3B, and 3C		
667-301-100	1	Description
667-301-108	1	Common Systems — Voice-Frequency Transmission — CMS Interface Register Bank Circuit — Description and Operation
667-301-300	1	Maintenance Considerations
667-301-310	1	Manual Access Panel — Operating Procedure
667-301-311	1	Type 2 Nonmetallic Manual Access Panel J98622AR and Communication Panel J98626AA — Method of Operation
667-301-312	1	Type 2 Metallic Manual Access Panel J98622AS and Type 2B Metallic Manual Access Panel J98622BP — Method of Operation
667-301-313	1	Type 2BX Nonmetallic Manual Access Panel J98622AU and Communication Panel J98626AA — Method of Operation
667-301-314	1	Type 2BX Metallic Manual Access Panel J98622BN — Method of Operation
667-301-320	1	Maintenance Line Control Panel — 0perating Procedures
667-301-321	1	Maintenance Line Control Panel in the Manual Test Frame and the Integrated or Intertoll Manual Test Frame — Operating Procedures
Addendum	1	
667-301-330	1	Amplifier and Pad Adjustment
667-301-500	1	Overall System Tests
667-301-501	1	Maintenance Connector (J98622AA-1) and Manual Access Panel (J98622AD-1) Test
667-301-502	1	Common Control and Concentrator — Tests

Number	Issue	Subject
667-301-503	1	Test Maintenance Line Tests
667-301-504	1	Maintenance Line Tests
667-301-505	1	Register and Register Concentrator — Tests
667-301-506	1	Type 2 Nonmetallic Maintenance Connector J98622AN, Type 2 Nonmetallic Manual Access Panel J98622AR and Communication Panel J98626AA
Addendum	1	
667-301-507	1	Maintenance Line Control Panel in the Manual Test Frame and the Integrated or Intertoll Manual Test Frame
667-301-508	1	Common Systems — Voice-Frequency Transmission — CMS Interface Register Bank Circuit — Tests
667-301-509	1	Type 2 Metallic Maintenance Connector J98622AP, Type 2B Metallic Maintenance Connector J98622BM, Type 2 Metallic Manual Access Panel J98622AS, and Type 2B Metallic Manual Access Panel J98622BP — Tests
667-301-510	1	Type 2BX Nonmetallic Maintenance Connector J98622BK, Type 2BX Nonmetallic Manual Access Panel J98622AU, and Communication Panel J98626AA — Tests
667-301-511	1	Type 2BX Metallic Maintenance Connector J98622BK and Type 2BX Metallic Manual Access Panel J98622BN — Tests

667-302 No. 4A

667-302-101	2	Local Access Test Port — Description
667-302-110	3	Description
667-302-501	3	Local Access Test Port — Tests
667-302-510	2	Tests

667-303 No. 5A and 5B

667-303-100	1	No. 5A (SMAS-5A) — Description
667-303-101	2	Local Test Port — Description and Operation
667-303-103	6	System Tests
667-303-111	2	Jack, Key, and Lamp Access Panel — Description and Operation
667-303-112	1	Digital Test Access Connector (DTAC) — Description and Operation

667-4 SASSY (Switched Access Servicing System)

667-400 SASSY

■ 667-400-001AC	3	User Document
■ Appendix 1AC	3	Report A8281 — Field Descriptions
■ Appendix 2AC	3	Report A8282 — Field Descriptions
■ Appendix 3AC	3	Report A8283 — Field Descriptions
■ Appendix 4AC	3	Report A8284 — Field Descriptions
■ Appendix 5AC	3	Report A8285 — Field Descriptions
■ Appendix 6AC	3	Report A8286 — Field Descriptions
■ Appendix 7AC	3	Report A8287 — Field Descriptions
■ Appendix 8AC	3	Report A8288 — Field Descriptions
■ Appendix 9AC	3	Report A8289 — Field Descriptions
■ Appendix 10AC	3	Report A8290 — Field Descriptions

667-5 RMS-DAU

667-500 RMS-DAU

❑ 667-500-010	1	Administrators Guide
❑ 667-500-011	1	FAP (Facility Access Port) Installation Booklet

Division 668

Data Test Centers

668-0 Indexes, Equipment Test Lists, and General Information

668-1 904A, B, C, and D Data Test Centers

668-2 904E Data Test Center

668-3 Supplementary 904-Type Data Test Centers

668-4 904G-, H-, and L-Type Data Test Centers

668-6 Automatic Data Test System

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668-0 Indexes, Equipment Test Lists, and General Information		
668-000-000	92	Numerical Index — Division 668 — Data Test Centers
668-000-500	7	904A, B, C, and D Data Test Center — Inspection and Maintenance Tests
Addendum	1	
668-001-011	1	ETL
668-010 DATAPHONE® Service on DDD		
668-010-300	2	Data Systems — DATAPHONE® Service and Other Data Services on the Direct Distance Dialing Network — Trouble Analysis Procedures
668-1 904A, B, C, and D Data Test Centers		
668-100-100	7	904A-, B-, C-, and D-Types — Description
668-100-500	4	904A- and 904C-Types — Operation
668-100-501	6	904B- and 904D-Type — Operation
668-101-500	3	904A- and 904C-Types — Test Procedures — Data Set 103A-Type — Loop-Back Test
668-101-501	2	904A- and 904C-Types — Test Procedure — Data Set 103B Loop-Back Test
668-101-502	3	904A- and 904C-Type — Test Procedure — Data Set 103F-Type Loop-Back Test
668-101-503	4	904A- and 904C-Types — Test Procedure — Data Sets 103A3, 103E-, 103G-, and 103H-Types — Loop-Back Test
668-101-504	1	904A/C and 904B/D Data Test Centers — Test Procedures — Data Set 103J-Type
668-101-510	1	904A- and 904C-Type — Test Procedure — Data Sets 108A- and 108C-Types — Loop-Back Test
668-101-511	3	904A/C and 904B/D — Test Procedure — Data Set 113A-Type — Loop-Back Test
668-101-512	1	904A- and 904C-Type Test Procedure — Data Set 112A-Type Loop-Back Test
668-101-513	1	904A- and 904C-Type — Test Procedure — Data Set 113B-L1 — Loop-Back Test
668-101-514	1	904A/C and 904B/D Data Test Centers — Test Procedures — Data Set 113C-Type
668-101-515	1	904A/C and 904B/D Data Test Centers — Test Procedures — Data Set 113D-Type
668-102 904A, B, C, and D Data Test Centers		
668-102-500	4	904B- and 904D-Types — Test Procedure — Data Sets 201A- and 201B-Types — Dynamic Test
668-102-501	1	904A/C and 904B/D Test Procedures — Data Set 201C-Type
668-102-510	3	904B and 904D Types — Test Procedure — Data Sets 202A and 202B — Dynamic Test
668-102-511	1	904A- and 904C-Types — Test Procedure — Data Set 202A and 202B Loop-Back Test
668-102-512	5	904A/B and 904C/D — Test Procedure — Data Sets 202C- and 202D-Types — Loop-Back and Dynamic Tests

Number	Issue	Subject
668-102-513	4	904A/B and 904C/D Test Procedure — Data Set 202E-Type — Loop-Back and Dynamic Tests
668-102-515	1	904A- and 904C-Type — Test Procedure — Data Set 202G — Loop-Back Test
668-102-517	3	904A/B and 904C/D — Test Procedures — Data Set 202R — Loopback and Dynamic Tests
668-102-519	4	Data Test Centers — 904A/C and 904B/D — Test Procedures — Data Set 202S
668-102-520	1	Test Procedures — Data Set 202T-Type
668-102-540	2	904C- and 904D-Types — Test Procedures — Data Set 205B-Type — Loopback Tests
668-102-541	2	904C and 904D-Types — Test Procedures — Data Set 205C-Type — Loopback Test
668-102-550	1	Test Procedures — Data Set 208A-Type
668-102-551	2	904A/B and 904C/D Data Test Centers — Test Procedures — Data Set 208B-L1
668-102-552	1	904A/B and 904B/D Data Test Centers — Test Procedures — 209A-Type Data Set
668-102-555	2	904A/C and 904B/D — Test Procedures Data Set 212A

668-104 904A, B, C, and D Data Test Centers

Addendum	1	
668-104-500	3	904A- and 904C-Types — Test Procedure — Data Set 401A — Remote Test
668-104-501	3	904A- and 904C-Types — Test Procedures — Data Set 401B
Addendum	1	
668-104-502	2	904A- and 904C-Types — Test Procedure — Data Set 401E
668-104-503	3	904A- and 904C-Type — Test Procedure — Data Set 401F — Loop-Back Test
668-104-504	4	904A and 904C-Types — Test Procedure — Data Set 401H-Type
668-104-505	4	904A- and 904C-Type — Test Procedures — Data Set 401J-Type Loop-Back and End-to-DTC Interface Test
668-104-507	2	904A- and 904C-Types — Test Procedures — Data Set 401L-Type
668-104-508	2	904A- and 904C-Types Test Procedure — Data Set 401M-Type — Loop-Back and Interface Tests
668-104-520	2	904A- and 904C-Types — Test Procedure — Data Set 402A Semi-Dynamic Test
668-104-521	2	904A- and 904C-Types — Test Procedure — Data Set 402B
668-104-522	5	904A- and 903C-Types — Test Procedure — Data Set 402C-Type — Loopback and Dynamic Tests
668-104-523	3	904A- and 904C-Types — Test Procedure — Data Set 402D-Type
668-104-530	2	904A- and 904C-Types — Test Procedure — Data Set 403A Loop-Back Test
Addendum	1	
668-104-531	4	904A- and 904C-Types — Test Procedure — Data Sets 403D9, 10, 11, and 12, and 403E5 and 6
668-104-532	2	904A- and 904C-Types — Test Procedure — Data Sets 403D13 and 14, and 403E7 Loop-Back Tests
668-104-535	1	904A- and 904C-Types — Test Procedures — Data Set 404B1 — Loop-Back Test
668-104-540	3	407-Type Multiple Data Station Arrangement — Loopback Test
668-104-590	1	904A- and 904C-Type — Test Procedure — Data Stations Equipped With 12 Button Touch-tone Dials

668-106 Data Test Center 904A- and 904C-Type

668-106-500	2	Test Procedure — Data Sets 601A and 601B
668-106-505	5	Test Procedures — Data Set 602A- and 602C-Types

	Number	Issue	Subject
	668-106-506	1	Test Procedures — Data Set 602D-Type — Loop-Back Test
	668-106-510	2	Test Procedure — Data Set 603A Loop- Back Test
	668-106-511	2	Test Procedure — Data Set 603B
	668-106-512	1	Test Procedure — Data Set 603D Loop- Back Test
❶	668-106-515	2	Test Procedure — Data Set 604A-Type
❶	668-106-516	2	Test Procedure — Data Set 604B-Type
	668-108-500	3	Test Procedure — Data Auxiliary Set 801A- Type
	668-108-501	3	Test Procedures — 801CR-Type and 801C List-Type Data Auxiliary Sets
	668-108-510	3	Test Procedure — Data Auxiliary Set 806A- Type
	668-110-500	1	Test Procedure for Data Access Arrangements
	668-120-500	2	904B- and 904D-Types — Test Procedure — Type 1 and 2 DATASPEED® Tape Sender — Dynamic Test
	668-120-501	3	904B- and 904D-Types Test Procedure — Type 5 DATASPEED Tape Senders
	668-120-502	1	DATASPEED 2A Tape Sender Station — Test Procedures Using DATASPEED 40 Test Set
	668-121-500	1	904B- and 904D-Types — Test Procedure — DATASPEED Tape Receiver Unit — Dynamic Test
	668-121-501	1	Test Procedure — Type 5 DATASPEED Tape Receiver
	668-121-502	1	2B Tape Receiver Station — Test Procedures Using DATASPEED 40 Test Set
	668-122-500	1	DATASPEED 4210 Magnetic Tape Terminal — Test Procedures — Using DATASPEED 40 Test Position
	668-125-500	1	DATASPEED 40 Switched Network Service — Test Procedures Using DATASPEED Test Position
	668-125-502	1	DATASPEED 40 With 9140 Station Controller — Test Procedures — Using DATASPEED 40 Test Position
	668-125-503	1	Synchronous DATASPEED 40 Station Using Binary Synchronous Line Control Protocol — Test Procedures Using a DATASPEED Test Position
❑	668-125-504	1	DATASPEED 40/4 4540 Test Procedures Using a 18388 Test Set Generator (TSG 40/4)
❑	668-125-507	1	Synchronous DATASPEED 40/4 — Direct Distant Dialed — Single Display Station — BSC Protocol — Testing Using Pacer M-103 LB1/2 Data Line Monitor/Simulator
	668-125-509	2	Integrated Synchronous DATASPEED 40 Receive-Only — Printer Station Testing Using Pacer M103-LB1 or LB2 Test Set
❑	668-125-510	1	DATASPEED 4540 Printer Line Display Station for ADCCP System Applications Testing — Using Pacer M-103-L3 V2 Data Line Monitor/Simulator
	668-125-511	1	Synchronous DATASPEED 40/4 — 4540 BI-SYNC — Test Procedures (/4ATC4 and /4ETC4) Using Pacer-103, LB1/2 Data Line Monitor/Simulator
	668-126-500	1	2510/2511 CDT Private Line — BISP Stations — STC/DTC Test Procedures — Using DATASPEED 40 Test Position
	668-127-500	1	DATASPEED RO Page Printer — Switched Network Service — Test Procedures — Using DATASPEED 40 Test Position
	668-130-500	1	43 Teleprinter — Basic KSR for DATAPHONE Service Testing and Diagnostic Procedures
	668-130-501	1	43 Teleprinter 8-Level Buffered Send/Receive (BSR) — Station Testing Using DATASPEED 40 Test Position
	668-130-502	1	The 43 Basic Teleprinter (ASCII) with Selective Calling Feature for Private Line Applications Testing — Using DATASPEED 40 Test Position

	Number	Issue	Subject
	668-130-503	1	The 43 Basic Teleprinter (ASCII) With Selective Calling Feature for Private Line Applications Testing — Using Pacer-103 — LB1/2 Data Line Monitor/Simulator
	668-130-504	1	43 Teleprinter 8-Level Buffered Selective Calling (BSC) — Station Testing Using DATASPEED® 40 Test Position
	668-130-505	2	43 Teleprinter 5-Level Buffered Selective Calling (BSC) Station Testing Using 921A Data Test Set or 28-Type KSR or TEKTRONIX* Model — 834 Data Communications Tester
	668-140-500	1	COMM-STOR† II Communications Storage Unit — Remote Test Procedures
	668-140-501	1	COMM-STOR II Communications Storage Unit — Equipped With 8A1/8B1 Protocol Option — Remote Testing Procedures
	668-140-503	1	Line Control Unit (LCU) — Remote Test Procedures — COMM-STOR II Communications Storage Unit

668-2 904E Data Test Center

	668-200-500	1	Operation
	668-200-501	1	Inspection and Maintenance Tests
	668-202-500	1	Test Procedure — Data Set 205A — Loop- Back Test
	668-204-500	1	Test Procedure — Data Set 404A — Loop- Back Test
❶	668-206-500	2	Test Procedures — Data Set 602B-Type

668-3 Supplementary 904-Type Data Test Centers

	668-300-100	1	Description
	668-301-101	1	DATAPHONE® II Service Testing — Signal Quality Interpretation Performance Maintenance Operations Control Centers
❶	668-301-500	1	DATAPHONE II Service Test Position — Test Procedures
❶	668-302-500	2	Use of 904F Position With 904C and 904D Data Test Centers — Test Procedures — Data Set 207-Type — Loop-Back — Dynamic Tests
❶	668-302-501	1	Use of 904F Position With 904C and 904D Data Test Centers — Test Procedures — Data Set 205B-Types — Loop-Back — Dynamic Tests
❶	668-302-502	1	Use of 904F Position With 904C and 904D Data Test Centers — Test Procedures — Data Set 205C-Type — Loop-Back — Dynamic Tests

668-4 904G-, H-, and L-Type Data Test Centers

	668-400-100	5	Description and Operation
	668-400-500	4	Inspection and Maintenance Tests
	668-400-501	1	Station Tests
	668-400-502	1	Test Procedures — Data Set 103J
	668-400-503	1	Test Procedures, Data Set 113C
	668-400-504	1	Test Procedures — Data Set 113D
	668-400-505	1	Test Procedures, Data Sets 108F and 108H
	668-400-506	1	Test Procedures, Data Sets 108G and 108J
	668-400-507	1	Test Procedures, Data Sets 212A
	668-400-508	1	Test Procedures — 407C Multiple Data Station
	668-400-509	1	Test Procedures — 1A Transaction Telephone Test Line Station

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† COMM-STOR is a registered Trademark of Sykes Datatronics, Inc.

Number	Issue	Subject
668-6 Automatic Data Test System (ADTS)		
668-600-100	3	J1P005 — Description
668-600-101	3	J1P005 — Operation From Local Terminals
668-600-102	3	J1P005 — Operation From a Remote Terminal
668-600-190	1	Engineering and Implementation Method System
668-600-300	4	J1P005 — Maintenance
668-600-500	4	J1P005 — Operating Procedures
668-600-501	3	J1P005 — Off-Line Maintenance Procedures
668-600-502	3	J1P005 — Automatic Voice Answer-Data Test (AVA-DT) — Maintenance Procedures

Division 680

Loop Assignment Distribution Service

680-0 Indexes and General Information

680-1 Assignment Records

680-2 Exchange Cable and Wire Records

680-3 Construction Plans

680-4 Telephone Set Field Inventory Controls

680-5 Service Order Assignments and Procedures

680-8 Other Plant Assignment Methods and Procedures

Number	Issue	Subject
680-0 Indexes and General Information		
680-000-000	99	Numerical Index — Division 680 — Loop Assignment — Distribution Service
680-000-005	1	Alphabetical Index — Plant Assignment — Divisions 680 Through 689
680-000-100	1	Filing Equipment and Filing Arrangements
680-000-101	3	Abbreviations and Codes — Definition and Use — Loop Assignment
680-1 Assignment Records		
680-100-010	3	Terminal Assignment Record — General
680-100-011	2	Terminal Assignment Record — Street, Block, and Alley Distribution
680-100-012	2	Terminal Assignment Record — Building Distribution
680-100-013	2	Terminal Assignment Record — Exchange Wire Distribution
680-100-014	2	Facility Locations Record for Unnumbered Houses or Buildings
680-100-015	3	Assignment Record Discrepancies Investigation
680-100-016	1	Facility Locations Record — Community Dial Office Areas
680-105-010	4	Dedicated Plant Assignment Card — Description and Use — Loop Assignment
680-105-015	2	Talk Pair, Talk Circuit, and Order Wire — Establishment and Administration
680-105-020	1	Dedicated Outside Plant 1A Line Concentrator Administration
680-120-010	2	Miscellaneous Central Offices Facilities Record — Description and Use — Loop Assignment
680-120-013	1	Tie Cable Pair Administration
680-122-010	4	Customer Loop Bridge Lifters — Application and Administration — Loop Assignment Center
Addendum	1	
680-124-010	1	PBX Switchboard Card Record
680-2 Exchange Cable and Wire Records		
680-200-010	2	Subscriber Cable Record
680-201-010	7	Exchange Customer Cable Record (ECCR) — General
680-201-011	2	Exchange Subscriber Cable Record — Line Concentrators
680-201-013	4	Cable Pressure Contactors (CPC) — Remote Air Dryer Equipment Alarm (ADE) — Cable Pressure Transducer (CPT) — Assignment Records and Procedures
680-201-014	1	Exchange Subscriber Cable Record — Assignments in PIC Cable
680-201-016	4	Administration SLC® 8 Subscriber Loop Carrier System and Similar General Trade Systems — Loop Assignment Center
680-201-017	1	Subscriber Loop Multiplexer (SLM) — Assignment Center Procedures
680-201-018	3	Digital SLC 40 Subscriber Loop Carrier System — Description and Administration — Loop Assignment
680-201-019	1	Subscriber Loop Carrier 1 (SLC 1) System — Assignment Office Procedures

Number	Issue	Subject
Addendum	1	
680-201-020	2	SLC 96 Subscriber Loop Carrier System — General Description and Administration — Loop Assignment
680-201-021	2	Administration — Loop Switching System (LSS) — Loop Assignment Center
Addendum	1	
680-201-022	1	No. 10A Remote Switching System (RSS) — Description and Administration
Addendum	1	
680-201-030	1	Cable Pressure Monitoring System (CPMS) — Assignment Office Administration
680-202-010	1	Telephone Answering Systems — Description and Administration — Loop Assignment Center
680-207-010	2	Checking Cable Pair Records
680-220-010	2	Exchange Wire Record — General
680-220-011	2	Exchange Wire Record — Preparation
680-220-012	2	Exchange Wire Record — Work Sheets
680-220-013	2	Exchange Wire Record — Protection
680-220-014	1	Exchange Wire Record — Lead and Pole Numbering
680-220-015	1	Exchange Wire Record — M1 Carrier
680-220-016	1	Exchange Wire Record — Placing, Removing and Rearranging Wire

680-3 Construction Plans

Number	Issue	Subject
680-300-010	3	Engineering Work Orders — General
680-300-011	3	Engineering Work Orders — Processing and Recording — Loop Assignment
680-300-012	3	Cable Transfers — Preparation and Processing — Loop Assignment Conventional and Photocopy Methods
680-300-013	2	Construction Plans — Line or Station Transfers
680-300-014	2	Construction Plans — Access or Control Point Work Sheet

680-4 Telephone Set Field Inventory Controls

Number	Issue	Subject
680-400-010	4	Index
680-400-011	4	Introduction
680-400-012	4	Administrative Control Reports
680-400-013	4	Plant Left-In Record
680-400-015	2	Field Forces Procedure for Telephone Set Removal
680-400-016	2	Daily Control of Outward Telephone Sets — Form E-5055
680-400-017	2	Exception Reports — Forms E-5592 and E-5054
680-400-018	2	Telephone Sets Loaned or Preinstalled
680-400-019	1	Identifying Shipments, Return, and Transfers at the Plant Service Center Area Level
680-400-020	1	Preparation for and Checking of Field Inventories of Station Apparatus
680-400-021	1	Inventorying Station Apparatus in Field Stock
680-400-022	1	Reporting and Investigating Differences Between Material Ordered and Received
680-400-023	1	Leading Demand Procedures
680-400-024	1	Designed Truckload Procedures

680-5 Service Order Assignments and Procedures

Number	Issue	Subject
Addendum	1	
680-500-010	1	Assignments on Service Orders, Transfers, Etc. in Crossbar Dial Offices
680-500-014	1	Advance Wiring of Equipment in Electromechanical Central Offices
680-511-010	1	Wide Area Telecommunication Service (WATS) Assignment Procedures
680-515-010	1	Community Antenna Television (CATV) — Distribution Systems — Description and Assignment Procedures
680-520-010	3	Special Services — Administration and Protection — Loop Assignment Center

Number	Issue	Subject
680-520-011	1	Special Service Protection and Special Safeguarding Measures — Service and Work Order Administrative Requirements
680-520-012	1	Special Service Orders Provisioning Intervals and Measurements
680-530-010	3	Preparation of Station Number Cards in Assignment Offices
680-535-009	1	1 ESS™ Switch — Short Jumper Assignment for Modular Main Distributing Frames
680-535-013	6	1 ESS Switch Service Order Recent Change Procedures — (1E3, 1E4, and 1E5 Generic Programs) — 2-Wire
680-535-019	5	1/1A ESS Switches Service Order Recent Change Messages (Through 1E7/1AE7 Programs) — General Information and Administrative Procedures — 2-Wire
680-535-020	6	1/1A ESS Switches Order Verification Messages — Description (Through 1E7 and 1AE7 Generic Programs) — 2-Wire
680-535-021	6	1/1A ESS Switches Service Order — System Acknowledgment and Error Messages (Through 1E7 and 1AE7 Generic Programs) — Description — 2-Wire
680-535-022	3	1/1A ESS Switches Service Order RC Formats — 1E6 and 1E7 or 1AE6 and 1AE7 Generic Programs — 2-Wire
680-535-023	1	1/1A ESS Switches Service Order Recent Change — Major Feature Examples — 2-Wire
680-535-024	2	1/1A ESS Switches Service Order — Examples — 1E6 and 1E7 or 1AE6 and 1AE7 Generic Programs — 2-Wire
680-535-050	3	1A ESS Switch Service Order Recent Change Procedures 1AE4 and 1AE5 Generic Programs — 2-Wire
680-536-013	1	2/2B ESS Switches Service Order (All Generic Programs) — Procedures Using the Service Order Channel
680-536-101	2	3 ESS Switch Service Order Procedures Using the Service Order Teletypewriter (Generic Program SO-2)
680-536-102	1	3 ESS Switch Service Order Procedures Using the Service Order Teletypewriter (Generic Program 3E3)
680-536-201	1	5ESS® Switch — 5E1(2).1 and Later Generic Programs
680-537-010	2	Unigauge Designed Plant — Assignment Procedures
Addendum	1	
680-537-011	1	Concentrated Range Extension With Gain (CREG) — System Design for Outside Plant — Loop Assignment Center Procedures
Addendum	1	
680-538-010	3	Serving Area Concept and Serving Area Interface — Description and Work Operations
680-538-011	2	Rural Area Network Design (RAND) — General Description and Administration Loop Assignment
680-539-010	1	PICTUREPHONE Service
680-540-010	2	Outside Plant Facilities Control Plan
680-540-020	1	Facility Analysis Plan — Assignment Office Procedures
680-545-010	1	Assignment Procedures for Apartment Door Answering Service
680-550-010	3	Assignment Office Discrepancy Routine

680-8 Other Plant Assignment Methods and Procedures

Addendum	1	
680-800-010	6	Subscriber Long Route Design — Administration and Implementation
680-800-011	1	Resistance Zoning of Exchange Services for Subscriber Long Route Design — Implementation Guidelines
680-800-012	1	Acquisition and Administration of Electronic Equipment for Customer Loops

Number	Issue	Subject
680-800-013	2	Administration — Loop Cable Record Inventory System (LCRIS) — Loop Assignment Center
680-810-010	1	Loop Check Ticket
680-815-010	2	Request for Facilities and Equipment Requirements — Exchange Service (Form E-4053)
Addendum	1	
680-820-010	3	Report of Unfilled Customer Requests for Main and Regrade Service
680-830-010	2	Short Jumper Assignment — Conventional MDF
680-830-012	1	Cosmic® Frame Manual Assignment Procedures
680-840-010	1	Assignment Office — Telephone Call Analysis — Forms E-5931 and E-6069

Number	Issue	Subject
680-850 COSMOS (Computer System for Mainframe Operations) — Loop Assignment Center		
680-850-010	1	Connect-Through Plan Procedures
680-850-011	1	Operational Procedures — General
680-850-012	1	Operational Procedures — Basic Service
680-850-013	1	Operational Procedures — Service Order Changes
680-850-014	1	Operational Procedures — Complex Service Orders
680-850-015	1	Operational Procedures — Special Service Orders
680-850-016	1	Operational Procedures — Work Order Processing
680-850-017	1	Transaction Codes For Service and Work Orders
680-850-030	1	Engineering Work Order Procedures
680-850-031	1	Defective Cable Pair Recovery Procedures
680-850-032	1	Transaction Codes for Cable Pair Transfers
680-850-040	1	Job Administration
680-850-041	1	Administration Reports and Inquiries
680-850-042	1	Command File Administration

Division 682

Plant Assignment — Trunk Plant and Special Services

682-0 Index and general information

682-1 Circuit Layout Record Cards for Telephone Message Trunks

682-2 Carrier Circuit Layout Record Cards for Telephone Systems

682-3 Other Circuit Layout Record Cards

682-4 Work Order Record and Details

682-0 Index and General Information

Number	Issue	Subject
682-000-000	31	Numerical Index — Division 682 — Plant Assignment — Trunk Plant and Special Services
Addendum	1	
682-000-010	1	Toll Layout Facility Records
Addendum	1	
682-000-011	2	Plant Assignment Circuit Layout Record — Description
682-000-013	1	Exchange Trunk Cable Pair Record
682-000-015	3	Facility Control Offices — Facility Maintenance and Administration Center — Assignment and Operating Responsibilities
682-000-101	2	E-Repeatered and Non-Repeatered Two- Wire Trunks — Expected Measured Loss Calculations
■ 682-000-921AC	2	Selection of Control Offices

682-1 Circuit Layout Record Cards for Telephone Message Trunks

Number	Issue	Subject
682-100-010	5	General
Addendum	1	
682-100-011	3	Trunk Details Shown on Lines at Top of Forms E-2350 to E-2353 Inclusive
Addendum	1	
682-100-012	2	Net Loss, Over-All Active Singing Point, Repeater, and Junction Level Entries
682-100-013	2	Line Assignment Entries and Line Loss Data
682-100-014	2	Line Equipment Entries
Addendum	1	
682-100-015	3	Entries for Signaling Equipment
682-100-016	1	D-C Signaling Paths Used With Telephone Message Circuits
Addendum	1	
682-100-017	4	Other Equipment Entries, Equipment Loss Data, and Special Entries
682-100-018	6	Intertoll Trunk and Miscellaneous Telephone Circuit Numbering
682-100-019	3	Illustration of Forms and Alphabetical Index to Items Described in Associated Sections
682-100-020	1	Telephone Circuit Units

682-2 Carrier Circuit Layout Record Cards for Telephone Systems

Number	Issue	Subject
Addendum	1	
682-200-018	1	Type ON Carrier Units and Channel Groups
Addendum	1	
682-200-019	3	Type N Carrier Channel Groups
682-200-020	4	Carrier Telegraph Systems and Layouts
682-200-021	1	Carrier Program Channels

682-3 Other Circuit Layout Record Cards

Number	Issue	Subject
Addendum	1	
682-300-010	2	Teletypewriter and Manual Telegraph Circuits
682-300-011	1	Program Circuit Units and Symbols for Use on Program Network Charts
■ 682-300-012AC	1	Corporate Data Standard Number Assignment for Radio Unit
682-300-012	3	Number Assignments for Radio Units and Satellite Units
682-300-013	1	Radio Relay Message Units

Number	Issue	Subject
Addendum	1	
682-300-014	1	Video Interexchange Units and Local Channels and Symbols for Use on Video Network Charts

DATAPHONE® Digital Service and Switched Digital Service

682-300-020	1	Plant Assignment — General
682-300-021	1	Facility Records
682-300-022	1	Facility and Equipment Assignment Records
682-300-023	1	Plant Assignment Records
682-300-027	1	Administration of Combined Manual and Mechanized (F/ECP1) Records

682-4 Work Order Record and Details

	682-400-010	2	Trunk Network and Special Services — Description and Objectives
❶	682-400-011	2	Circuit Segmenting Standards
❶	682-400-012	2	Output Documents From TIRKS C1/TAS
❶	682-400-014	2	Circuit Installation and Maintenance — Assistance Package (CIMAP) — Network Trunk and Special Services — Description
	682-400-020	1	Document and Report Retrieval Procedures — Trunks Network and Special Services Operations — Description

Division 720

Motor Vehicles and Construction Equipment

720-0 Index and Administrative Information

720-1 Safety

720-2 Engines

720-3 Body and Chassis

720-4 Construction Equipment

720-5 Fleet Maintenance

720-6 Information Management System

720-0 Index and Administrative Information

Number	Issue	Subject
720-000-000	29	Numerical Index — Division 720 — Motor Vehicles and Construction Apparatus
■ 720-000-100	1	Use of Automobiles on Company Business
■ 720-000-925AC	1	Guidelines for Automotive Operations
720-020-012	2	Storage of Motor Vehicles and Construction Apparatus
720-040-010	1	Inspection of Motor Vehicles
720-050-010	2	Standard Motor Vehicles Numbering Plan
720-080-010	1	Universal Credit Card
720-090-012	4	Publications of Automotive Manufacturers

720-1 Safety

Number	Issue	Subject
720-100-010	3	Motor Vehicle Tire Chains — Prevention of Skidding

720-2 Engines

Number	Issue	Subject
720-205-012	3	Anti-Freeze Solutions
720-210-300	2	Engine Cooling Systems — Rust Prevention
720-210-310	2	Automotive Engine Cooling Systems — Maintenance
720-215-012	1	Motor Vehicle Fuel and Fuel Economy — Gasoline
720-220-300	2	Motor Vehicle Lubricants and Lubrication

720-3 Body and Chassis

Number	Issue	Subject
720-305-300	3	Pneumatic Tires and Tubes
720-305-310	1	Wheels and Rims — Description and Maintenance
720-310-300	1	Tru-Stop Brake — Operation and Maintenance
720-315-600	1	Electric Brake Controls — Inspection and Tests
720-320-300	1	Mico Lever Lock — Maintenance
720-325-300	2	Motor Vehicles — Rustproofing
720-330-300	1	Hydraulic Lift Gates
720-340-100	1	Automotive Batteries — Care and Maintenance

720-4 Construction Equipment

Number	Issue	Subject
720-405-200	1	H-21 Truck Platform Ladder — Field Installations
720-410-300	2	Power Winches — Maintenance
720-410-305	1	AT-8003 and AT-8029 Winches — AT-8111 Winch Hydraulic Drive — Maintenance
720-410-310	1	AT-8467 Winches — Maintenance
720-415-300	2	Power Take-Off — Maintenance

720-5 Fleet Maintenance

Number	Issue	Subject
720-500-100	1	Guidelines

720-6 Information Management System

Number	Issue	Subject
720-610-100	2	Description
720-610-101	2	Input Fields and Procedures
720-610-102	1	Motor Vehicle Information Management System (MOVIMS) — Standard Inputs

Division 740

Materials Management and Supplies — General Information

740-0 Indexes and Training
- **-000 Indexes**
- **-001 Training**
- **-005 Methods and Procedures**
- **-010 Comcode Listings**

Number	Issue	Subject
740-0 Indexes, Training, and Listings		
740-000 Indexes		
740-000-000	13	Numerical Index — Division 740 — Supplies — General Information
740-000-001	1	Overall Supplies Numerical Index and Checking List — Divisions 740-749
740-000-002	1	Index of Materials Management Operations — Safety Precaution References
740-001 Training		
740-001-000	4	Training Outline — Supply Forces
740-005 Methods and Procedures		
■ 740-005-001	11/94	Global Business Communications Systems Methods and Procedures for Customer Support Managers
740-005-005	1	Business Communications Systems Methods and Procedures for Material Material Support Locations (MSL)
740-010 Comcode Listings		
740-010-005	2	A Catalog of Comcode Listings for KS/SP Wire and Cable (1-91)

Division 741

Products, Supplies, Systems and Services Supporting Functions

741-0 Indexes and General
-000 Indexes
-001 Requirements
-002 Shop Repair
-003 Supply Catalogues

741-1 Discontinued Availability

Number	Issue	Subject

741-0 Indexes and General

741-000 Indexes

741-000-000	9	Numerical Index — Division 741 — Supplies Supporting Functions

741-001 Requirements

741-001-001	3	Plan for Preparing Quarterly Estimate of Requirements of Material and Supplies

741-002 Shop Repair

741-002-001	2	Distributing House Shop Repair Schedule
741-002-002	2	Computerized Shop Schedule Plan — Regional Material Distribution — Repair Scheduling System

741-003 Supply Catalogues

741-003-001	2	Catalogue of Supplies

Number	Issue	Subject

741-1 Discontinued Availability

741-100 Discontinued Availability Notification and Tracking System (DANTS)

741-100-005	1	Instructors Guide
741-100-010	2	User Guide
741-100-015	1	Product Manager's Directory

Division 742

Supply Controls

742-000 Indexes
-003 Inventories
-004 Administrative Control
-005 Administrative Cost Studies

Number	Issue	Subject
742-000 Indexes		
742-000-000	9	Numerical Index — Division 742 — Supply Controls
742-003 Inventories		
742-003-001	2	Annual Inventory of Class C Stock
742-004 Administrative Controls		
742-004-001	3	Expense Tool Report for Field Administration
742-004-002	1	Class C Stock Investment Control
742-004-003	1	Class C Stock Investment Analysis
742-004-004	1	Class C Stock Administration Order- Invoice Plan Locations
742-004-005	1	Class C Stock Level Control
742-004-006	1	Class C Stock Administration Elements — Station Apparatus
742-005 Administrative Cost Studies		
742-005-001	1	Supplies Comparative Cost Studies

Division 743

Supply Ordering

743-000 Indexes
-001 Supply Ordering, General
-002 Supply Ordering, Automation
-003 Supply Manual and Computer Controls

Number	Issue	Subject
743-000 Indexes		
743-000-000	23	Numerical Index — Division 743 — Supply Ordering
743-001 Supply Ordering, General		
743-001-001	4	Material Ordering — Stationery Ordering Procedures
743-001-002	3	Uniformity of Nomenclature for Listing, Ordering, and Billing Materials
743-001-003	2	Standard Abbreviations — Ordering, Billing, and Associated Procedures
743-002 Supply Ordering, Automation		
743-002-000	5	Material Ordering — Order-Invoice Plan
743-002-001	4	Material Ordering — Establishing Comcode, Item Numbers, and Supplies Catalogs
Addendum	1	
743-002-002	4	Material Ordering — Touch-Tone Order Entry
743-002-010	1	Material Ordering — CRT Data Terminal Order Entry
Addendum	1	
743-002-011	2	Material Ordering — Manual Ordering Procedures Under the Order Invoice Plan (OIP)
743-003 Supply Manual and Computer Controls		
743-003-001	2	Material Ordering
743-003-003	2	Bell Operating Company Data Base File Maintenance — Regional Material Distribution System (RMDS)
743-003-006	1	Investment Analysis and Control
743-003-010	2	Station Equipment Field Inventory

Division 744

Supply Distribution

744-0 Indexes and General Information
- -000 Index
- -001 General
- -002 Material Receipting and Verifying
- -004 Work Location Distribution
- -005 Storeroom Distribution
- -006 Locker Distribution

Number	Issue	Subject
744-000 Indexes		
744-000-000	11	Numerical Index — Division 744 — Supply Distribution (2-95)
744-001 General		
744-001-001	1	Supplies Distribution Concepts
744-002 Material Receipting and Verifying		
744-002-001	4	Receiving, Checking, and Receipting for Material Ordered From Western Electric
744-004 Work Location Distribution		
744-004-001	3	Distributing Supplies to Nonmotorized Cable Splicers
■ 744-004-010	12/94	Standard Warehousing Manual for Martialing Centers
■ 744-004-011	6/93	Martialing Center Opeator's Menu Manual (1-95)
■ 744-004-012	7/94	Common Distribution Center System (CDCS) — Staging Documentation — Martialing Center
■ 744-004-013	11/94	DRP Staging Management Order Servicing Guide — Martialing Center
■ 744-004-014	7/94	Transportation Management System (TMS) User Guide — Martialing Center
744-005 Storeroom Distribution		
744-005-001	3	Fully Attended Plant Storerooms — Planning, Layout, and Operation
744-006 Locker Distribution		
744-006-001	3	Supplying Installation and Repair Lockers

Division 745

Material Returns

745-0 Index and Administrative Information

- **745-000 Index**
- **745-001 Major Material**
- **745-002 Minor Material**
- **745-003 Material Disposition**
- **745-004 Material Service and Return**
- **745-005 Protective Packaging**

Number	Issue	Subject
745-000 Index		
745-000-000	11	Numerical Index — Division 745 — Material Returns
745-001 Major Material		
745-001-000	3	Returned Material — Tabulating Card Plan
745-002 Minor Material		
745-002-000	2	Returned Material — Handling
745-003 Material Disposition		
745-003-000	3	Class "B" (Scrap) Materials — Handling, Packing, Shipping
745-004 Material Service and Return		
745-004-000	3	Repair Service and Return Plan — Processing Procedures
■ 745-004-000AC	4	Plug-in and Portable Test Equipment — Repair Plan
745-005 Protective Packaging		
745-005-000	1	Returned Material — Protective Packaging and Handling
745-005-001	1	Kits for Data Sets and Data Terminals

Division 746

Supply Functions — Miscellaneous

746-000 Indexes
746-001 Claims and Complaints

Number	Issue	Subject
746-000 Indexes		
746-000-000	6	Numerical Index — Division 746 — Supply Functions — Miscellaneous
746-001 Claims and Complaints		
746-001-001	2	Initiating and Handling Claims
■ 746-001-901AC	1	Claims Against Other AT&T Entities

Division 750

Business Information System Practices (BISP) General

750-0 Indexes and General Information

750-2 Audit — General

Number	Issue	Subject
750-0 Indexes and General Information		
750-000-000	8	Numerical Index — Division 750 — BISP General
750-000-100	3	BISP Bell System Practices — Master Numerical Index, Divisions 750-759
750-000-200	2	BISP Bell System Practices — Master Numbering Plan, Divisions 750-759
750-2 Audit — General		
❶ 750-200-100	1	Overview of BIS Audit Manuals
❶ 750-200-110	1	Audit Utilities User Guide

Division 751

Business Information Systems COMMON LANGUAGE*

751-0 Index and General Information

751-1 Common Language Codes And Abbreviations

751-4 Common Language Codes and Abbreviations — Listings

	Number	Issue	Subject
	751-0 Index and General Information		
	751-000-000	87	Numerical Index — Division 751 — Business Information Systems — Common Language
■	751-000-100AC	1	Codes, Abbreviations and Acronyms — General Description
■	751-000-102AC	1	Abbreviation and Code Request Procedures
■	751-000-110AC	1	Character Set for Handprinting
	751-1 Common Language Codes and Abbreviations		
■	751-100-050AC	2	Location Place Codes — Description
■	751-100-055AC	1	Codes for the Representation of States of the United States, Provinces and Territories of Canada, Countries of the World and Other Unique Areas
	751-100-110	5	Telephone Company Codes
■	751-100-115AC	1	Interexchange Access Customer (IAC) Codes
■	751-100-125AC	2	Time Codes
■	751-100-130AC	2	Date Codes
■	751-100-135AC	1	Hemisphere Codes
■	751-100-140AC	1	Geographic Point Location Codes
■	751-100-145AC	2	Local Access and Transportation Area (LATA), and Independent Market Area (IMA) Coded
■	751-100-150AC	1	U.S. Counties and County Equivalents
■	751-100-155AC	1	Exchange Area Codes
■	751-100-160AC	1	Rate Center Code
■	751-100-165AC	1	Bay Shelf and Position Codes
■	751-100-205AC	1	Ownership Classification Codes (Reinstated)
■	751-100-270AC	1	Auxiliary Line Equipment Features Code
■	751-100-300AC	1	Material Planning Statement (MPS) Code
■	751-100-310AC	1	Exchange Cable Codes
■	751-100-330AC	2	Carrier Restoration Line — Classification Codes
■	751-100-340AC	1	Direction — Transmission Codes
■	751-100-345AC	1	Pair Gain System Codes
■	751-100-350AC	1	Repeater Side Identification Code
■	751-100-420AC	2	Circuit Type — Division of Revenue Code
■	751-100-425AC	2	Facility or Equipment Class — Division of Revenue Code
■	751-100-435AC	1	Corporate Data Standards — Geographic Study Area Codes — Detailed Regulatory (DR)
■	751-100-440AC	2	Switching System Codes — Description — Private Branch Exchange (PBX), Centrex, and Special Service
■	751-100-445AC	2	Circuit Switching Systems Codes — Central Office
■	751-100-450AC	1	Packet Switching System Codes — Central Office
■	751-100-520AC	2	Circuit Switch Originating Equipment Codes
■	751-100-525AC	2	Packet Originating Equipment (POE) Codes
■	751-100-550AC	1	Wire Center Code
■	751-100-605AC	2	Zoning Improvement Plan (ZIP) Code
■	751-100-610AC	1	Social Security Number
■	751-100-630AC	1	Property Record Codes
■	751-100-635AC	1	Central Office Equipment Category Code
■	751-100-650AC	2	Manufacturing Company Codes — Telephone Equipment
■	751-100-670AC	2	Routing Classification Codes
■	751-100-675AC	1	Restoration Priority (RSP) Codes

* COMMON LANGUAGE is a registered trademark of Bell Communications Research, Inc.

Number	Issue	Subject
751-100-700	2	Equipment Measurement Code (EMC)
■ 751-100-740AC	1	Account — Telephone Code
■ 751-100-770AC	1	Continuing Property Record (CPR) Number
■ 751-100-785AC	4	COMMON LANGUAGE Frame Identification Code
751-100-785	3	COMMON LANGUAGE Frame Identification Code
■ 751-100-790AC	1	Distributing Frame — Cross-Connect Point Codes
■ 751-100-800AC	2	Signaling Codes
■ 751-100-900AC	2	Corporate Data Standards—Provisioning Access Arrangement Codes
■ 751-100-901AC	2	Corporate Data Standards Jeopardy Codes
■ 751-100-902AC	3	International Communications — Carrier Codes

751-4 Common Language Codes and Abbreviations — Listings

Number	Issue	Subject
■ 751-401-101AC	2	Place Codes — Alabama (AL)
■ 751-401-102AC	2	Place Codes — Alaska (AK)
■ 751-401-103AC	2	Place Codes — Arizona (AZ)
■ 751-401-104AC	2	Place Codes — Arkansas (AR)
■ 751-401-105AC	2	Place Codes — California (CA)
■ 751-401-106AC	2	Place Codes — Colorado (CO)
■ 751-401-107AC	2	Place Codes — Connecticut (CT)
■ 751-401-108AC	2	Place Codes — Delaware (DE)
■ 751-401-109AC	2	Place Codes — District of Columbia (DC)
■ 751-401-110AC	2	Place Codes — Florida (FL)
■ 751-401-111AC	2	Place Codes — Georgia (GA)
■ 751-401-112AC	2	Place Codes — Hawaii (HI)
■ 751-401-113AC	2	Place Codes — Idaho (ID)
■ 751-401-114AC	2	Place Codes — Illinois (IL)
■ 751-401-115AC	2	Place Codes — Indiana (IN)
■ 751-401-116AC	2	Place Codes — Iowa (IA)
■ 751-401-117AC	2	Place Codes — Kansas (KS)
■ 751-401-118AC	2	Place Codes — Kentucky (KY)
■ 751-401-119AC	2	Place Codes — Louisiana (LA)
■ 751-401-120AC	2	Place Codes — Maine (ME)
■ 751-401-121AC	2	Place Codes — Maryland (MD)
■ 751-401-122AC	2	Place Codes — Massachusetts (MA)
■ 751-401-123AC	2	Place Codes — Michigan (MI)
■ 751-401-124AC	2	Place Codes — Minnesota (MN)
■ 751-401-125AC	2	Place Codes — Mississippi (MS)
■ 751-401-126AC	2	Place Codes — Missouri (MO)
■ 751-401-127AC	2	Place Codes — Montana (MT)
■ 751-401-128AC	2	Place Codes — Nebraska (NE)
■ 751-401-129AC	2	Place Codes — Nevada (NV)
■ 751-401-130AC	2	Place Codes — New Hampshire (NH)
■ 751-401-131AC	2	Place Codes — New Jersey (NJ)
■ 751-401-132AC	2	Place Codes — New Mexico (NM)
■ 751-401-133AC	2	Place Codes — New York (NY)
■ 751-401-134AC	2	Place Codes — North Carolina (NC)
■ 751-401-135AC	2	Place Codes — North Dakota (ND)
■ 751-401-136AC	2	Place Codes — Ohio (OH)
■ 751-401-137AC	2	Place Codes — Oklahoma (OK)
■ 751-401-138AC	2	Place Codes — Oregon (OR)
■ 751-401-139AC	2	Place Codes — Pennsylvania (PA)
■ 751-401-140AC	2	Place Codes — Rhode Island (RI)
■ 751-401-141AC	2	Place Codes — South Carolina (SC)
■ 751-401-142AC	2	Place Codes — South Dakota (SD)
■ 751-401-143AC	2	Place Codes — Tennessee (TN)
■ 751-401-144AC	2	Place Codes — Texas (TX)
■ 751-401-145AC	2	Place Codes — Utah (UT)
■ 751-401-146AC	2	Place Codes — Vermont (VT)
■ 751-401-147AC	2	Place Codes — Virginia (VA)
■ 751-401-148AC	2	Place Codes — Washington (WA)
■ 751-401-149AC	2	Place Codes — West Virginia (WV)
■ 751-401-150AC	2	Place Codes — Wisconsin (WI)
■ 751-401-151AC	2	Place Codes — Wyoming (WY)
■ 751-401-179AC	1	Place Codes — Provinces and Territories of Canada
■ 751-401-180AC	1	Place Codes — Countries of the World
■ 751-410-100AC	1	Standard Abbreviations — Description
■ 751-410-101AC	1	Standard Abbreviation — Master List — Words and Their Abbreviations

Number	Issue	Subject
■ 751-410-102AC	1	Standard Abbreviations Master List — Abbreviations and the Words They Represent
■ 751-410-401AC	1	Standard Abbreviations — Network, Operations, and Information Systems — Input/Output Messages
■ 751-410-501	7	Frame Function Codes
■ 751-410-501AC	1	Frame Function Codes — Frames, Racks, Bays, Cabinets and Associated Central Office Equipment

Division 756

Business Information Systems — Trunks and Special Services

756-0 Index
-099 Customer Information Release (CIR)

756-1 PICS/DCPR (Plug-In Inventory Control System/Detailed Continuing Property Record)
-100 Indexes and Documentation Guide
-131 PICS/CPE (PICS/Customer Premise Equipment)
-140 General Information
-141 Inventory Form Instructions (Forms No. BISP 61-0001 Through No. BISP 61-0136)
-151 PICS/DCPR Users' Manuals
-152 Batch Run Dependencies
-153 Users' Manuals — Batch Runs
-159 PICS/DCPR Forms Guide
-160 PICS/2 — Plug-In Movement — Students' Workbook
-161 PICS/2 — Plug-In Movement — Instructors' Guide
-162 PICS/2 — Evolution of PICS and System Orientation Manual
-163 PICS/DCPR — Slide/Tape Orientation
-169 PICS/2 — Plug-In Movement — Instructors' Answer Book
-170 PICS/2 — Plug-In Movement — Position Practice
-172 Folders (Program, Run Processing, Etc.)
-180 Administrative Guide and Audit Manuals
-182 EDP System Manuals and PICS-BIS/Trunks

756-3 S&E Trunk Forecasting
-365 No. 5 Crossbar — COERs (Central Office Equipment Reports)
-375 No. 5 Crossbar — COER System

756-5 TIRKS E1 (Trunks Integrated Records Keeping System) 545 IEOCS (Interim Equipment Order Control System)
-547 ECP-1A (Equipment Conversion Package-1A)
-548 ECP-1B

Number	Issue	Subject
756-0 Index		
756-000-000	43	Numerical Index — Division 756 — Business Information Systems — Trunks and Special Services
756-099 Customer Information Release (CIR)		
❑ 756-099-001IR	1	1/1A ESS™ Switching Equipment Trunk Assignment Balancing and Support Service (ETABS), Services Line Products
756-1 PICS/DCPR (Plug-In Inventory Control System/Detailed Continuing Property Record)		
756-100 Indexes and Documentation Guide		
756-100-100	2	Documentation Guide Index
756-100-101	2	Documentation Guide (General)
756-100-102	2	Planning and Conversion Index
756-100-103	2	Orientation and Training Index
756-100-104	2	Operations Index
756-100-105	2	Administration Index
756-100-106	2	Reference Documentation Index
756-131 PICS/CPE (PICS/Customer Premise Equipment)		
Addendum	1	
756-131-802	1	Product Inventory Control System/Customer Premise Equipment (PICS/CPE)
756-140 General Information		
756-140-120	1	PICS/1 User's Guide
756-140-130	2	Description of PICS — Planning Guide
756-140-141	2	Installation — Summary and System — Description
756-140-142	2	Initial Installation Planning
756-140-143	2	Plug-In Inventory and Conversion Considerations
756-140-144	3	Hardwired Conversion Activities
756-140-145	2	Inventory and Conversion Procedures
756-140-146	1	On-Line System Initialization
756-140-147	1	Plug-In Administrator's Activities — Prior to and After a Central Stock Inventory

Number	Issue	Subject
756-140-148	1	Inventory and Conversion Subsystem — Optical Character Recognition (OCR) — Typing and Scanning
756-140-149	1	Central Stock Reinventory Procedures
756-140-150	1	Personnel Planning Guide

756-141 Inventory Form Instructions (Forms No. BISP 61-0001 Through No. BISP 61-0136)

Number	Issue	Subject
756-141-000	1	PICS/2 — Form Instructions (General)
756-141-001	2	Form No. BISP 61-0001 (Program Matrix 0001) — T1 Carrier, D1 Channel Bank Power Supply (J86498A-1)
756-141-002	2	Form No. BISP 61-0002 (Program Matrix 0002) — T1 Carrier, Combined D1A, D1C Bay — Repeater and Power — Supply Units
756-141-003	1	Form No. BISP 61-0003 (Program Matrix 0003) — T1 Carrier, 201-Type Repeater Equipment Bay Mounted
756-141-004	1	Form No. BISP 61-0004 (Program Matrix 0004) — T1 Carrier, 206-Type Repeater
756-141-005	2	Form No. BISP 61-0005 (Program Matrix 0005) — Subscriber Loop Multiplexer and T1 Carrier Equipment Located in Manholes or on Poles
756-141-006	1	Form No. BISP 61-0006 (Program Matrix 0006) — T1 Carrier, D1, D1A, D1B, D1C Bank Equipment — Channel and Group Units
756-141-007	1	Form No. BISP 61-0007 (Program Matrix 3007) — T1 Carrier, T1WM-1 Wideband Modem
756-141-008	2	Form No. BISP 61-0008 (Program Matrix 3008) — T1 Carrier T1WB-1, 2, 3 Bank Arrangements
756-141-009	1	Form No. BISP 61-0009 (Program Matrix 0009) — T1 Carrier T1WM-4 Wideband Modem
756-141-010	1	Form No. BISP 61-0010 (Program Matrix 0010) — 0-Type Carrier Repeaters
756-141-011	1	Form No. BISP 61-0011 (Program Matrix 0011) — O, ON1, ON2, ON/K Carrier Terminal Equipment
756-141-012	1	Form No. BISP 61-0012 (Program Matrix 0012) — N1 Carrier Terminal Equipment
756-141-013	1	Form No. BISP 61-0013 (Program Matrix 0013) — ON/K Carrier Terminal, Repeater, or Junction Equipment
756-141-014	1	Form No. BISP 61-0014 (Program Matrix 0014) — N1, ON, ON/K, ON/Radio, N2 Repeaters for N1 or N1A Mounting
756-141-015	1	Form No. BISP 61-0015 (Program Matrix 0015) — N and ON Carrier Systems 240-Type — Flat Gain Amplifiers and Associated Networks
756-141-016	1	Form No. BISP 61-0016 (Program Matrix 0016) — Carrier to TL Radio Combining Bay for Terminal or Repeater Locations
756-141-017	1	Form No. BISP 61-0017 (Program Matrix 0017) — 2A Echo Suppressors
756-141-018	2	Form No. BISP 61-0018 (Program Matrix 0018) — 3A and 3B Echo Suppressors
756-141-019	1	Form No. BISP 61-0019 (Program Matrix 0019) — Dial Long Line Unit
756-141-020	1	Form No. BISP 61-0020 (Program Matrix 0020) — N2 Carrier N2WT1 Wideband Terminal
756-141-021	1	Form No. BISP 61-0021 (Program Matrix 0021) — N2 Carrier Terminal — Regular and Package Frames — Channel Units
756-141-022	1	Form No. BISP 61-0022 (Program Matrix 0022) — N2 Carrier Terminal Group Units — Regular, Packaged, and N2WT1
756-141-023	1	Form No. BISP 61-0023 (Program Matrix 0023) — N2 Carrier Line Build-Out Bay
756-141-024	1	Form No. BISP 61-0024 (Program Matrix 0024) — N2 Carrier Repeater, Current Regulator, and Amplifier Bays

Number	Issue	Subject
756-141-025	1	Form No. BISP 61-0025 (Program Matrix 0025) — Traffic Data Recording System — No. 1A Summarizer
756-141-026	1	Form No. BISP 61-0026 (Program Matrix 0026) — Traffic Data Recording System — No. 1A Remote Record Cabinet or Frame
756-141-027	2	Form No. BISP 61-0027 (Program Matrix 0027) — TSPS Universal Trunk Frame
756-141-028	1	Form No. BISP 61-0028 (Program Matrix 0028) — TSPS Universal Trunk Frame
756-141-029	1	Form No. BISP 61-0029 (Program Matrix 0029) — 1 ESS™ Junctor Frame
756-141-030	2	Form No. BISP 61-0030 (Rrogram Matrix 0030) — 1 ESS Miscellaneous Trunk Frame
756-141-031	1	Form No. BISP 61-0031 (Program Matrix 0031) — 1 ESS Universal Trunk Frames
756-141-032	1	Form No. BISP 61-0032 (Program Matrix 0032) — Private Service Systems — A1 Digital Data Systems
756-141-033	1	Form No. BISP 61-0033 (Program Matrix 0033) — Toll Systems — Multiport Conference Bridge
756-141-034	1	Form No. BISP 61-0034 (Program Matrix 0034) — Voice-Frequency Transmission Maintenance — Concentrator Bay
756-141-035	2	Form No. BISP 61-0035 (Program Matrix 0035) — N3 Carrier Terminal
756-141-036	1	Form No. BISP 61-0036 (Program Matrix 0036) — N3 Carrier, N3-L Type A Junction
756-141-037	1	Form No. BISP 61-0037 (Program Matrix 0037) — N3 Carrier, N3-L Type B Junction
756-141-038	1	Form No. BISP 61-0038 (Program Matrix 0038) — N3 Carrier, N3-L Type C Junction
756-141-039	1	Form No. BISP 61-0039 (Program Matrix 0039) — N3 Carrier Common Carrier Supply
756-141-040	1	Form No. BISP 61-0040 (Program Matrix 0040) — Transistorized Conference Amplifiers — J99294
756-141-041	1	Form No. BISP 61-0041 (Program Matrix 0041) — E2-3 Telephone Repeaters and Disablers (With List Determination)
756-141-042	1	Form No. BISP 61-0042 (Program Matrix 0042) — Amplitude and/or Delay Equalizing Unit — J99292A, J99292B, J99292C
756-141-043	1	Form No. BISP 61-0043 (Program Matrix 0043) — V3 Telephone Repeaters — With Suffix Digit and List
756-141-044	1	Form No. BISP 61-0044 (Program Matrix 0044) — Intercontinental Trunk Supervision — Signal Converter Bay
756-141-045	1	Form No. BISP 61-0045 (Program Matrix 0045) — E Signaling M Lead Corrector Units
756-141-046	2	Form No. BISP 61-0046 (Program Matrix 0046) — E Signaling Transmission Path Cut Units
756-141-047	1	Form No. BISP 61-0047 (Program Matrix 0047) — E2-3 Telephone Repeaters (Without List Determination)
756-141-048	1	Form No. BISP 61-0048 (Program Matrix 0048) — V3 Telephone Repeaters Without Suffix and List
756-141-049	3	Form No. BISP 61-0049 (Program Matrix 0049) — E6-7 Telephone Repeaters With 830-Type Networks (Detailed by Apparatus Designations A to G) and Extenders CLE 76-724-00 and 7384
756-141-050	2	Form No. BISP 61-0050 (Program Matrix 0050) — 2400 or 2600 Single Frequency Signaling System
756-141-051	1	Form No. BISP 61-0051 (Program Matrix 2051) — E-Type Signaling Bay — Regular on N2 and N3 Packaged Terminal Frame

Number	Issue	Subject
756-141-052	2	Form No. BISP 61-0052 (Program Matrix 0052) — F-Type AC Trunk Signaling — J99335A, B, C, D Bay
756-141-053	2	Form No. BISP 61-0053 (Program Matrix 0053) — Consolidated and Unitized — F-Type Trunk Signaling Units (J98624A, C, D & J98626A, B, D, E Bays)
756-141-054	1	Form No. BISP 61-0054 (Program Matrix 0054) — TV Systems — A2A, A2B, A2AT Video Transmission Bays
756-141-055	1	Form No. BISP 61-0055 (Program Matrix 0055) — Wideband Loop Repeaters — WLR-1, 2, and 3
756-141-056	1	Form No. BISP 61-0056 (Program Matrix 0056) — Wideband Loop Repeaters — WLR-4 and 5
756-141-057	2	Form No. BISP 61-0057 (Program Matrix 0057) — 4A Echo Suppressor — J68914 — J98624 Consolidated Bay — J98626 Unitized Bay
756-141-058	1	Form No. BISP 61-0058 (Program Matrix 0058) — L4 Multiplex Repeaters — Main Station
756-141-059	1	Form Number BISP 61-0059 (Program Matrix 0059) — L4 Multiplex Repeaters — Intermediate Station
756-141-060	2	Form No. BISP 61-0060 (Program Matrix 0060) — 24V4, 44V4, and 424V4 Repeaters
756-141-061	2	Form No. BISP 61-0061 (Program Matrix 0061) — V4 Basic Repeaters
756-141-062	2	Form No. BISP 61-0062 (Program Matrix 0062) — No. 1 Type Terminating Set and 4182A, B, C Network (J98615CJ, CK and J98617J Bays)
756-141-063	1	Form No. BISP 61-0063 (Program Matrix 0063) — L-Type Multiplex — A5 Channel Bank (J68853)
756-141-064	1	Form Number BISP 61-0064 (Program Matrix 0064) — L-Type Multiplex, L600A Receiving Bay
756-141-065	1	Form Number BISP 61-0065 (Program Matrix 0065) — L-Type Multiplex, L600A Transmitting Bay
756-141-066	1	Form Number BISP 61-0066 (Program Matrix 0066) — L-Type Multiplex, L1860A Receiving Bay
756-141-067	1	Form Number BISP 61-0067 (Program Matrix 0067) — L-Type Multiplex, L1860A Transmitting Bay
756-141-068	1	Form No. BISP 61-0068 (Program Matrix 0068) — L-Type Multiplex — L60A and L120A-Transmitting and Receiving Bay
756-141-069	1	Form No. BISP 61-0069 (Program Matrix 0069) — C2A, C2B, or C2C Supergroup Connector
756-141-070	1	Form No. BISP 61-0070 (Program Matrix 0070) — Telegraph Systems — 143- Type Regenerative Repeaters
756-141-071	1	Form No. BISP 61-0071 (Program Matrix 0071) — Telegraph Systems — 144- Type Coupling Units
756-141-072	1	Form No. BISP 61-0072 (Program Matrix 0072) — 43A1 Carrier Telegraph Systems
756-141-073	1	Form No. BISP 61-0073 (Program Matrix 0073) — 96A-1 Electronic Loop Repeaters
756-141-074	1	Form No. BISP 61-0074 (Program Matrix 0074) — 43B1 Voice Frequency Carrier — High Voltage Hub Converters
756-141-075	1	Form No. BISP 61-0075 (Program Matrix 0075) — 43B1 Voice Frequency Carrier — Line, Channel, and Alarm Units
756-141-076	2	Form No. BISP 61-0076 (Program Matrix 0076) — 145A1 Regenerative Repeaters — Data Systems
756-141-077	1	Form No. BISP 61-0077 (Program Matrix 0077) — L-Type Multiplex — Supergroup and Group Banks — Receiving — Mix Packaged Bay (J68858P or DP)

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756-141-078	1	Form No. BISP 61-0078 (Program Matrix 0078) — L-Type Multiplex — Supergroup and Group Banks, Transmitting Mix Packaged Bay (J68858N or DN)
756-141-079	1	Form No. BISP 61-0079 (Program Matrix 0079) — L-Type Multiplex — Receiving Group Bank Bay (J68772B-2)
756-141-080	1	Form No. BISP 61-0080 (Program Matrix 1080) — General Purpose Form
756-141-081	1	Form No. BISP 61-0081 (Program Matrix 0081) — L-Type Multiplex — Receiving and Transmitting Supergroup High Frequency Patch Bays
756-141-082	1	Form No. BISP 61-0082 (Program Matrix 0082) — L-Type Multiplex — L600A and L1860A — Common Bay
756-141-083	2	Form No. BISP 61-0083 (Program Matrix 0083) — Mastergroup Multiplex 2 Terminal MMX-2C for L4 Coaxial Systems and MMX-2R for TH-1 ( ), TD-1 ( ), and TD-3 Radio Systems
756-141-084	1	Form No. BISP 61-0084 (Program Matrix 0084) — D2 Channel Bank, Channel Units
756-141-085	1	Form No. BISP 61-0085 (Program Matrix 0085) — D2 Channel Bank Equipment — Common, SMA, and Power Supply Units
756-141-086	2	Form No. BISP 61-0086 (Program Matrix 0086) — Type F AC Trunk Signaling System — FUA and Auxiliary Signaling Units — KS-20981 L-1, L-2 Ringers
756-141-087	1	Form No. BISP 61-0087 (Program Matrix 0087) — N-Carrier Program Terminal
756-141-088	1	Form No. BISP 61-0088 (Program Matrix 0088) — Voice Operated Switch Gain Repeaters
756-141-089	1	Form No. BISP 61-0089 (Program Matrix 0089) — 43A1 Carrier Telegraph Systems
756-141-090	1	Form No. BISP 61-0090 (Program Matrix 0090) — AR Type Data Circuit Packs
756-141-091	1	Form No. BISP 61-0091 (Program Matrix 0091) — L-Type Multiplex — LWM-2 and LWM-6 Wideband Modems
756-141-092	1	Form No. BISP 61-0092 (Program Matrix 0092) — Voice-Frequency Transmission Maintenance — Connector Bay
756-141-093	1	Form No. BISP 61-0093 (Program Matrix 0093) — H-310-068 Mounting of 200- Type Delay Equalizers
756-141-094	1	Form No. BISP 61-0094 (Program Matrix 0094) — H-310-070 Mounting of 200- Type Delay Equalizers
756-141-095	1	Form No. BISP 61-0095 (Program Matrix 0095) — Loop Signaling Repeaters
756-141-096	1	Form No. BISP 61-0096 (Program Matrix 0096) — Range Extenders, VF Gain (Regular) Equipment
756-141-099	1	Form No.3 BISP 61-0097 Through 61-0099 (Program Matrixes 0097 Through 0099) — Specified Plug-Ins Classified as Minor Expense Items
756-141-100	2	Form No. BISP 61-0100 (Program Matrix 0100) — M1-2 Digital Multiplex
756-141-101	1	Form No. BISP 61-0101 (Program Matrix 0101) — M1-2 Digital Multiplex, 4213 and 4214 Networks
756-141-102	1	Form No. BISP 61-0102 (Program Matrix 0102) — Dial Long Line Unit
756-141-103	1	Form No. BISP 61-0103 (Program Matrix 0103) — Low Voltage Data Sets
756-141-111	2	Form Nos. BISP 61-0104 Through 61-0111 (Program Matrix 4104 Through 4111) — Portable Test Sets and Tools — Designated as CPR 77,XXX and 78,XXX Items — WE® Manufactured
756-141-112	1	Form No. BISP 61-0112 (Program Matrix 0112) — T1 Carrier D1, D1A, D1B, D1C, and D1D Bank Equipment — Channel Units

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756-141-113	1	Form No. BISP 61-0113 (Program Matrix 0113) — T1 Carrier, D1, D1A, D1B, D1C, and D1D Bank Equipment — Group Units
756-141-114	1	Form No. BISP 61-0114 (Program Matrix 0114) — L-Type Multiplex-A6 Channel Bank (J68929)
756-141-115	1	Form No. BISP 61-0115 (Program Matrix 0115) — E Signaling E&M Lead Applique
756-141-116	1	Form No. BISP 61-0116 (Program Matrix 0116) — L-Type Multiplex — A6 Channel Bank — Unitized Terminal Bay (J98626)
756-141-117	1	Form No. BISP 61-0117 (Program Matrix 0117) — FU-Type Signaling Units on J98624B, E, F, G (Consolidated Bay) — J98626C, F (Unitized Terminal Bay)
756-141-118	1	Form No. BISP 61-0118 (Program Matrix 0118) — T1 Carrier, D3 Channel Bank — Channel Units
756-141-119	1	Form No. BISP 61-0119 (Program Matrix 0119) — T1 Carrier, D3 Channel Bank — Common, Maintenance and Hot Spare Units
756-141-120	1	Form No. BISP 61-0120 (Program Matrix 0120) — Subscriber Loop Multiplexer — Central Office Equipment
756-141-121	1	Form No. BISP 61-0121 — (Program Matrix 0121) — Subscriber Loop Multiplexer — Remote Terminal Equipment
756-141-122	1	Form No. BISP 61-0122 (Program Matrix 0122) — KS-20988 Multi-Channel Subscriber Carrier — Central Office Shelves
756-141-123	1	Form No. BISP 61-0123 (Program Matrix 0123) — Multichannel Subscriber Carrier — KS-20988 — Subscriber Terminals and Repeaters
756-141-124	1	Form No. BISP 61-0124 (Program Matrix 0124) — Low Voltage Data Sets
756-141-125	1	Form No. BISP 61-0125 (Program Matrix 0125) — T1 Carrier Subrate Data Multiplexer Bay
756-141-126	1	Form No. BISP 61-0126 (Program Matrix 0126) — T1 Carrier — Nodal Timing Supply Bay (J70177E-1)
756-141-127	1	Form No. BISP 61-0127 (Program Matrix 0127) — T1 Carrier Two-Shelf Office Channel Unit Assembly (J70177AB), Three-Shelf Office Channel Unit and Power Assembly (J70177AA), and Data Multiplex Performance Monitor Shelf Assembly (J70177AF)
756-141-128	1	Form No. BISP 61-0128 (Program Matrix 0128) — T1 Carrier — Local Timing Supply and T1DM Assembly (J70177AG) and Data Multiplexer Shelf (J70177AD)
756-141-129	1	Form No. BISP 61-0129 (Program Matrix 0129) — T1WB4 Data — Voice Multiplexer — Shelf Assembly (J70177AP)
756-141-130	1	Form No. BISP 61-0130 (Program Matrix 0130) — T1 Carrier — Four-Shelf T1DM — Multiplexer Assembly (J70177AE)
756-141-132	1	Form No. BISP 61-0132 (Program Matrix 0132) — T2 Carrier Span Terminating Bay — Office Repeater Units
756-141-133	1	Form No. BISP 61-0133 (Program Matrix 0133) — T2 Carrier Span Terminating Bay — Protection Switching, Power and Alarm Units
756-141-134	1	Form No. BISP 61-0134 (Program Matrix 0134) — T2 Carrier Span Terminating Power Supply Bay
756-141-135	1	Form No. BISP 61-0135 (Program Matrix 0135) — T2 Carrier Regenerator and Maintenance Unit Located on Repeater Bays or in Manholes and Shelters
756-141-136	1	Form No. BISP 61-0136 (Program Matrix 0136) — T2 Carrier Intermediate Power Supply Bay and Repeater Bay Power Units

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756-151 PICS/DCPR Users' Manuals		
756-151-000	1	On-Line Programs
756-151-101	1	On-Line Inquiry Programs — Transaction Files
756-151-102	2	On-Line Inquiry Programs — Order Files
756-151-103	1	On-Line Inquiry Programs — CPR Inventory Files
756-151-104	1	On-Line Inquiry Programs — ECI Inventory Files
756-151-105	1	On-Line Inquiry Programs — Miscellaneous File
756-151-106	1	On-Line Inquiry Programs — Financial Reference File
756-151-107	1	On-Line Inquiry Programs — Location Table
756-151-108	1	On-Line Inquiry Programs — Equipment Table
756-151-201	1	On-Line Update Programs — Transactions
756-151-202	1	On-Line Update Programs — Order Files
756-151-203	1	On-Line Update Programs — CPR Inventory Files
756-151-204	1	On-Line Update Programs — ECI Inventory
756-151-205	2	On-Line Update Programs — Miscellaneous Files
756-151-206	2	On-Line Update Programs — Financial Reference Files
756-151-207	1	On-Line Update Programs — Location Tables
756-151-208	1	On-Line Update Programs — Equipment Tables
756-152 Batch Run Dependencies		
756-152-010	1	Overview
756-152-110	1	Plug-In Inventory Records
756-152-120	1	Inventory and Investment
756-152-130	1	Inventory Management Control
756-152-200	1	Equipment Acquisition
756-152-210	1	Circuit Orders
756-152-220	1	Repair
756-152-230	1	Back Orders
756-152-300	1	DCPR Records
756-152-310	1	DCPR Processing
756-152-320	1	Monthlies
756-152-330	1	Annuals
756-152-400	1	On-Line System Performance
756-152-410	1	Reference Files
756-152-420	1	File Integrity Analysis
756-152-430	1	System Backup and File Maintenance
756-153 Users' Manuals — Batch Runs		
756-153-011	1	Create Reconciliation and Analysis History File
756-153-012	1	PICS Report 40
756-153-014	1	PICS Report 43C
756-153-101	1	Extract ECI Conversion Table
756-153-102	1	PICSUSER (Run 21)
756-153-103	1	PICSCSER (Run 15)
756-153-104	2	PICSRSER (Run 11)
756-153-105	1	PICSPSER (Run 9)
756-153-106	1	PICSUECI (Run 7)
756-153-107	1	PICSCECI (Run 17)
756-153-108	1	PICSRECI (Run 13)
756-153-109	1	PICSPECI (Run 19)
756-153-120	1	Extract Location Conversion Table
756-153-121	1	Extract Price Conversion Table
756-153-122	1	Extract Tax Table
756-153-123	1	Extract Reference Conversion Tables
756-153-125	1	PICSCVRN (Run 4)
756-153-126	1	PICSAGES (Run 5)
756-153-127	1	PICSULOC (Run 8)
756-153-128	1	PICSCLOC (Run 18)
756-153-129	1	PICSRLOC (Run 14)
756-153-130	1	PICSPLOC (Run 20)
756-153-131	1	PICSUPRC (Run 6)
756-153-132	1	PICSCPRC (Run 16)
756-153-133	1	PICSRPRC (Run 12)
756-153-134	1	PICSPPRC (Run 10)
756-153-151	1	IH PICSCVRN (Run 4)
756-153-152	1	IH PICSAGES (Run 5)
756-153-153	1	IH PICSPPRC (Run 10)
756-153-154	1	IH PICSPLOC (Run 20)
756-153-155	1	CSRI Initialization
756-153-156	1	CSRI File Backup
756-153-160	1	Print Files 5, 7, 9

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756-153-163	1	Restore File 5
756-153-164	1	Restore File 7
756-153-165	1	Restore File 9
756-153-166	1	Newdiffr
756-153-167	1	CSRI Actual Average Price Table
756-153-180	1	CPR Update
756-153-181	1	Load CS CPR
756-153-182	1	Restore Original File 9 (MS CPR)
756-153-184	1	File 9 Backup of MS CPR Load
756-153-185	1	ECI Update
756-153-186	1	Restore Original File 4 (MS LOC ECI)
756-153-188	1	File 4 Backup of MS LOC ECI Load
756-153-189	1	Load CS ECI
756-153-190	1	Restore Original File 5 (MS CS ECI)
756-153-192	1	File 5 Backup of MS CS ECI Load
756-153-201	1	On-Line
756-153-211	1	Print File 1
756-153-212	3	Print File 2
756-153-213	1	Print File 2A
756-153-214	1	Print File 2B
756-153-215	1	Print PIFC/J Draw
756-153-216	1	Print File 3
756-153-217	1	Print File 4
756-153-218	1	Print File 4A
756-153-219	1	Print File 5
756-153-220	1	Print File 5A
756-153-221	1	Print File 6
756-153-222	1	Print File 7
756-153-223	1	Print File 7A
756-153-224	1	Print File 8
756-153-225	1	Print File 9
756-153-226	1	Print File 10
756-153-227	1	Print File 11
756-153-228	1	Print File 12
756-153-229	1	Print File 13 (Back Orders)
756-153-230	1	Print Pending Circuit Orders
756-153-231	1	Print File 13 (Repair Log)
756-153-232	1	Print File 14
756-153-233	1	Print File 15
756-153-234	1	Print File 18
756-153-235	1	Print File 19
756-153-236	1	Print File 20
756-153-237	1	Print File 21
756-153-238	1	Print File 22
756-153-239	1	Print File 23
756-153-240	1	Print Explosion Table Catalog
756-153-241	1	Print File 24
756-153-242	1	Print File 25
756-153-243	1	Print Price Table Vertically
756-153-244	1	Print File 6 by CPR
756-153-245	1	Print File 6 by ECI
756-153-246	1	Print File 2 With Indicators
756-153-247	1	Print File 19(DR)
756-153-248	1	Print File 4 by CLLC
756-153-249	1	Print File 4 by Equipment Code
756-153-301	1	PICS File Save
756-153-302	1	Daily Performance Statistics
756-153-303	1	Weekly Performance Statistics
756-153-304	1	Print Reconciliation and File Analysis Reports
756-153-305	1	Print Shipping Notice
756-153-306	1	Reorganize File 6
756-153-307	1	Reorganize File 17
756-153-308	1	Reorganize File 24
756-153-401	1	PICS File Restore A
756-153-402	1	PICS File Restore B
756-153-501	1	Transaction Delete
756-153-502	1	File 7 Purge
756-153-503	1	File 13 Purge
756-153-504	1	File 15 Purge
756-153-505	1	Update Tax Table
756-153-507	1	CPR Catalog Update
756-153-508	1	Check ECI to ECIG
756-153-509	1	Price Table Update
756-153-510	1	Price Table Restore
756-153-511	1	Delete ECI
756-153-512	1	MS Delete ECI
756-153-611	1	Change HW Reconciliation Limits
756-153-612	1	Change PI Definition
756-153-613	1	Change PIOC Retirement Default Factor
756-153-614	1	PICS Monthly Initialization
756-153-615	1	PIOC Factor Initialization

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756-153-701	1	Annual CPR Analysis 1
756-153-702	1	Annual CPR Analysis 2
756-153-703	1	Annual CPR Analysis 3
756-153-704	1	Annual CPR Analysis 4
756-153-710	1	Annual 1
756-153-719	1	Annual 1 Restoral
756-153-720	1	Annual 2
756-153-729	1	Annual 2 Restoral
756-153-730	1	Annual 3
756-153-739	1	Annual 3 Restoral
756-153-740	1	Annual 4
756-153-749	1	Annual 4 Restoral
756-153-750	1	Annual 5
756-153-759	1	Annual 5 Restoral
756-153-760	1	Annual 6
756-153-769	1	Annual 6 Restoral
756-153-781	1	Develop Hardwired Balances
756-153-782	1	Preinventory CPR Summary
756-153-784	1	Print CPR Pointers
756-153-785	1	Print Central Stock CPR Summary
756-153-786	1	Pointer Overflow Analysis
756-153-787	1	File 22 Analysis
756-153-788	1	Print CPR by Location
756-153-789	1	Depreciation vs DR Dollars Report
756-153-792	1	DR Incomplete Equipment Category Codes
756-153-794	1	File 09 Dollar Balancing Initialization
756-153-795	1	File 09 Dollar Balancing
756-153-796	1	Transfer MD300 Plug-Ins
756-153-801	1	PICS Report 30
756-153-802	1	PICS Report 4R
756-153-803	1	PICS Report 41
756-153-804	1	PICS Report 40R
756-153-805	1	PICS Report 41R
756-153-821	1	PICS Report 1A
756-153-822	1	PICS Report 1B
756-153-823	1	PICS Report 1D
756-153-824	1	PICS Report 1E
756-153-825	1	PICS Report 6
756-153-826	1	PICS Report 1C
756-153-832	1	PICS Report 8
756-153-833	1	PICS Report 43R
756-153-834	1	Daily Shipping Notice Summary
756-153-835	1	Transaction File Summary
756-153-837	1	ECI/CPR Record Mismatch Report
756-153-838	1	Shortage/Overage Correction Report
756-153-839	1	PICS Report 5
756-153-840	1	Print Overdue Circuit Orders
756-153-841	1	PICS Report 4
756-153-842	1	PICS Report 7
756-153-843	1	Back-Order Reconciliation Report
756-153-844	1	Back-Order Summary Report
756-153-845	1	Central Stock Back-Order Records
756-153-846	1	PICS Report 12
756-153-847	1	PICS Report 13
756-153-848	1	PICS Report 13A
756-153-849	1	PICS Report 14
756-153-921	1	Create Maximum Spare Levels
756-153-922	1	CS/CO Plug-In Availability Report
756-153-923	1	Central Stock Reorder Summary
756-153-924	1	Reset CS Movement Fields
756-153-925	1	Central Office Overstock Summary

756-159 PICS/DCPR Forms Guide

756-159-000	1	Forms Guide

756-160 PICS/2 — Plug-In Movement — Students' Workbook

756-160-310	1	Receive Inputs — 300.A
756-160-320	1	Process Work Orders — 300.B, Part 1
756-160-321	1	Process Work Orders — 300.B, Part 2
756-160-330	1	Control Forms — 300.C
756-160-340	1	Initiate Transactions — 300.D
756-160-350	1	Verify Transactions — 300.E
756-160-360	1	Correct Errors — 300.F

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756-161 PICS/2 — Plug-In Movement — Instructors' Guide		
756-161-310	1	Receiver Inputs — 300.A
756-161-320	1	Process Work Orders — 300.B, Part 1
756-161-321	1	Process Work Orders — 300.B, Part 2
756-161-330	1	Control Forms — 300.C
756-161-340	1	Initiate Transactions — 300.D
756-161-350	1	Verify Transactions — 300.E
756-161-360	1	Correct Errors — 300.F
756-162 PICS/2 — Evolution of PICS and System Orientation Manual		
756-162-101	2	The Evolution of PICS — A BISP Product (16 mm Film)
756-162-110	1	Manual — Part 1 — General Orientation
756-162-111	1	Manual — Part 2 — Plug-In Acquisition and Repair
756-162-112	1	Manual — Part 3 — Plug-In Movement
756-162-113	1	Manual — Part 4 — Reference File Maintenance
756-162-114	1	Manual — Part 5 — DCPR Processes
756-162-130	2	Introduction to PICS/DCPR
756-162-141	2	CRT Training Manual for the IBM 3270 System
756-162-160	2	An Overview of Reference File Maintenance
756-162-162	1	PICS/2 — An Overview of Plug-In Acquisition and Repair
756-162-300	1	An Overview of Plug-In Movement
756-163 PICS/DCPR — Slide/Tape Orientation		
756-163-000	1	Slide/Tape Orientation
756-169 PICS/2 — Plug-In Movement — Instructors' Answer Book		
756-169-310	1	Receive Inputs — 300.A
756-169-320	1	Process Work Orders — 300.B, Part 1
756-169-321	1	Process Work Orders — 300.B, Part 2
756-169-330	1	Control Forms — 300.C
756-169-340	1	Initiate Transactions — 300.D
756-169-350	1	Verify Transactions — 300.E
756-169-360	1	Correct Errors — 300.F
756-170 PICS/2 — Plug-In Movement — Position Practice		
756-170-310	1	Receive Inputs — 300.A
756-170-320	1	Process Work Orders
756-170-330	1	MOV — Control Forms — 300.C
756-170-340	1	Initiate Transactions — 300.D
756-170-350	1	Verify Transactions
756-170-360	1	Correct Errors — 300.F
756-172/175 Folders (Program, Run Processing, Etc.)		
756-172-100	1	PICS/2 — Program
756-173-100	1	PICS — Run Processing
756-174-100	1	PICS — Process Entity
756-175-100	1	PICS — Load Module
756-180 Administrative Guide and Audit Manuals		
756-180-100	1	Central Stock — Administrative Guide
756-180-200	1	PICS/1 — Operations Audit Manual
756-180-210	1	Audit Manual
756-182 EDP System Manuals and PICS-BIS/Trunks		
EDP System Manuals		
756-182-200	1	Introduction and Index
756-182-201	1	EDP System Overview
756-182-202	2	Hardware Configuration
756-182-203	1	Software Environment
756-182-204	1	Telecommunications
756-182-205	1	Maintenance
756-182-206	1	PSS — Computer Center Operations
756-182-207	1	Backup and Reconstruction
756-182-208	1	File Reorganization and Storage Allocation
756-182-209	1	Data Base Purge Procedures
756-182-210	1	Security Maintenance
756-182-211	1	Performance Evaluation
756-182-212	1	Inventory and Conversion Subsystem

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	756-182-213	1	Monthly Processes
	756-182-214	1	Annual Processes
	756-182-215	1	Messages and Codes
	756-182-216	1	Data Base and Machine Interface Layouts
	756-182-217	1	Program Linkage Trees
	PICS-BIS/Trunks		
	756-182-910	1	Amigos User's Manual
	756-182-920	1	Hyper-Faster User's Manual

756-3 S&E Trunk Forecasting

756-365 No. 5 Crossbar — COERs (Central Office Equipment Reports)

❶	756-365-130	1	Instructor Guide — Office Characteristics — Card 100 — Input Position
❶	756-365-131	1	Student Manual — Office Characteristics — Card 100 — Input Position
❶	756-365-132	1	Instructor Guide — Busy Hour Determination — Card 200 — Input Position
❶	756-365-133	1	Student Manual — Busy Hour Determination — Card 200 — Input Position
❶	756-365-134	1	Instructor Guide — Main Station Statistics — Card 410 — Input Position
❶	756-365-135	1	Student Manual — Main Station Statistics — Card 410 — Input Position
❶	756-365-136	1	Instructor Guide — Main Station Statistics — Card 420 — Input Position
❶	756-365-137	1	Student Manual — Main Station Statistics — Card 420 — Input Position
❶	756-365-138	1	Instructor Guide — Main Station Statistics Cards 430-440-450 — Input Position
❶	756-365-139	1	Student Manual — Main Station Statistics Cards 430-440-450 — Input Position
❶	756-365-140	1	Instructor Guide — Trunk Statistics — Card 460 — Input Position
❶	756-365-141	1	Student Manual — Trunk Statistics — Card 460 — Input Position
❶	756-365-142	1	Instructor Guide — Trunk Statistics — Card 470 — Input Position
❶	756-365-143	1	Student Manual — Trunk Statistics — Card 470 — Input Position
❶	756-365-144	1	Instructor Guide — Recycle Control — Card 500 — Input Position
❶	756-365-145	1	Student Manual — Recycle Control — Card 500 — Input Position
❶	756-365-146	1	Instructor Guide — Report Control — Card 501 — Input Position
❶	756-365-147	1	Student Manual — Report Control — Card 501 — Input Position
❶	756-365-148	1	Instructor Guide — Miscellaneous Traffic Measurement — Card 502-503 — Input Position
❶	756-365-149	1	Student Manual — Miscellaneous Traffic Measurement — Card 502-503 — Input Position
❶	756-365-150	1	Print Control File — Card 800 — Input Position
❶	756-365-151	1	Student Manual — Print Control File — Card 800 — Input Position
❶	756-365-152	1	Instructor Guide — Print Reports — Card 900 — Input Position
❶	756-365-153	1	Student Manual — Print Reports — Card 900 — Input Position
❶	756-365-160	1	System Manual — Training Materials
❶	756-365-161	1	System Manual Training — Instructor Guide
❶	756-365-162	1	Training and Administration Guide

756-375 No. 5 Crossbar — COER System

❶	756-375-121	1	Description
❶	756-375-122	1	Office Characteristics — System Input Documents
❶	756-375-123	1	System Output Reports
❶	756-375-124	1	Support Instructions
❶	756-375-125	1	Error Code Lists
❶	756-375-126	1	System Glossary
❶	756-375-127	1	Index
❶	756-375-130	1	Position Practice — Prepare Office Characteristics — Input Record — Card 100
❶	756-375-132	1	Position Practice — Prepare Busy Hour Determination — Input Record — Card 200

	Number	Issue	Subject
❶	756-375-134	1	Position Practice — Prepare Main Station Statistics — Input Record — Card 410
❶	756-375-136	1	Position Practice — Prepare Main Station Statistics — Input Record — Card 420
❶	756-375-138	1	Position Practice — Prepare Main Station Statistics — Input Records — Cards 430-440-450
❶	756-375-140	1	Position Practice — Prepare Trunk Statistics — Input Record — Card 460"
❶	756-375-142	1	Position Practice — Prepare Trunk Statistics — Input Record — Card 470"
❶	756-375-144	1	Position Practice — Prepare Recycle Control — Input Record — Card 500"
❶	756-375-146	1	Position Practice — Prepare Report Control — Input Record — Card 510
❶	756-375-148	1	Position Practice — Prepare Miscellaneous Traffic Measurement — Input Records — Cards 502-503
❶	756-375-150	1	Position Practice — Prepare Print Control File — Input Record — Card 800"
❶	756-375-152	1	Position Practice — Prepare Print Reports — Input Record — Card 900

756-5 TIRKS E1 (Trunks Integrated Records Keeping System)

756-545 IEOCS (Interim Equipment Order Control System)

Number	Issue	Subject
756-545-010	3	System Description
756-545-020	3	Installation Guide
756-545-201	2	Dictionary of HECI (ECI) Data for Job Specifications
756-545-601	2	Instructor's Guide — Process I/0 Media — Position 701
756-545-602	3	Instructor's Guide — Process Job Spec — Position 702
756-545-603	3	Instructor's Guide — Prepare Equipment Inventory Update Input Form — Position 703
756-545-604	2	Instructor's Guide — Process Errors and Printouts — Position 704
756-545-701	3	Process I/O Media — Position 701
756-545-702	4	Process Job Spec — Position 702
756-545-703	3	Prepare Equipment Inventory Update Input Form — Position 703

756-547 ECP-1A (Equipment Conversion Package-1A)

Number	Issue	Subject
756-547-010	2	System Description (Provisional)
756-547-202	3	Match Tape Dictionary
756-547-601	1	Instructor Guide — Identify Batches — Position 701
756-547-602	2	Instructor's Guide — Order and Receive ORIs/Triple Os/Microfilms — Position 702
756-547-603	1	Instructor's Guide — Identify Drawings — Position 703
756-547-604	2	Instructor's Guide — Order and Receive Drawings — Position 704
756-547-605	2	Instructor's Guide — Identify Jobs — Position 705
756-547-606	2	Instructor's Guide — Prepare Input Forms — Position 706
756-547-607	2	Instructor's Guide — Verify Input Forms — Position 707
756-547-608	1	Instructor's Guide — Process Input/Output Media — Position 708
756-547-609	1	Instructor's Guide — Correct Error — Position 709
756-547-610	1	Instructor's Guide — Process Inventory Media — Position 710
756-547-611	1	Instructor's Guide — Conduct Inventories — Position 711
756-547-612	1	Instructor's Guide — Process Corrections — Position 712
756-547-701	3	Identify Batches — Position 701 (Provisional)
756-547-702	2	Order and Receive ORIs/Triple Os/Microfilms — Position 702 (Provisional)
756-547-703	2	Identify Drawings — Position 703 (Provisional)
756-547-704	2	Order and Receive Drawings — Position 704 (Provisional)
756-547-705	2	Identify Jobs — Position 705 (Provisional)

Number	Issue	Subject
756-547-706	4	Prepare Input Forms — Position 706 (Provisional)
756-547-707	3	Verify Input Data (Provisional)
756-547-708	4	Process I/0 Media — Position 708 (Provisional)
756-547-709	4	Correct Errors — Position 709 (Provisional)
756-547-710	3	Process Inventory Media — Position 710 (Provisional)
756-547-711	3	Conduct Inventories — Position 711
756-547-712	3	Process Corrections — Position 712

756-548 ECP-1B

756-548-000	1	Overview

Division 759

Business Information Systems — Time Share Program

759-000 Index
-100 Index and General Information — COEES
-150 COEES User Practices
-190 Central Office Equipment Engineering System

	Number	Issue	Subject
759-000 Index			
	759-000-000	11	Numerical Index — Division 759 — Business Information Systems — Time Share Program
759-100/120 Index and general information — COEES			
❑	759-100-000	26	Subject Index — Division 759-1 — Central Office Equipment Estimation System (COEES)
	User and Administration Guide		
❑	759-100-100	9	General Description
	759-120-110	5	User and Administrative Guide — No. 5 Crossbar
	759-120-120	9	User and Administrative Guide — 1/1A Planning
	759-120-130	4	User and Administrative Guide — 2/2B ESS™ — Planning
❑	759-120-150	8	1/1A ESS™ Switching Equipment — Mechanized Ordering — Equipment Engineering and Traffic Engineering Considerations — User and Administrative Guide
❑	759-120-160	8	Information System — User Guide
759-150/160 COEES User Practices			
	Functions/Outputs/Calculations		
	759-150-050	7	System Functions and Outputs
	759-150-100	8	Common Functions and Outputs
❑	759-150-101	7	Telephone Company Factors
	759-150-104	1	Estimation System Accelerated Depreciation (Dominion of Canada)
	759-150-110	3	System Functions and Outputs — Step-by-Step Equipment
❑	759-150-114	16	System Functions and Outputs — 1/1A ESS™ Switching Equipment
	759-150-116	9	System Functions and Outputs — 2/2B ESS Switching Equipment
	759-150-118	4	No. 5XB — System Junctions and Outputs
	759-150-120	4	Interpreting Input Data — Step-By-Step
	759-150-122	3	No. 1/1A International — Interpreting Input Data
	759-150-126	11	Interpreting Input Data — 2/2B ESS Switching Equipment
	759-150-128	8	Interpreting Input Data — No. 5 Crossbar Equipment
	759-150-142	2	1A ESS Switch — Equipment Required Calculations — 1/1A International
❑	759-150-124	18	Interpreting Input Data — 1/1A ESS Switching Equipment
❑	759-150-144	12	Equipment Required Calculations — 1A ESS Switches
	759-150-146	6	Equipment Required Calculations — 2/2B ESS Switching Equipment
	759-150-148	6	No. 5XB Equipment — Equipment Required Calculations
	759-150-150	3	Equipment Pricing Calculations — Step- By-Step Equipment
	759-150-154	6	1/1A ESS Switching Equipment — Equipment Pricing Calculations
	759-150-156	5	Equipment Pricing Calculations — 2/2B ESS Switching Equipment
	759-150-158	5	No. 5 Crossbar Equipment Pricing Calculations
	759-150-164	1	Central Office Equipment — Estimation System — Traffic Engineering Applications — No. 1 ESS Equipment
	759-160-130	20	Pocket Reference Card — 1/1A ESS System

	Number	Issue	Subject
❑	759-160-131	7	Pocket Reference Card — 1/1A ESS Data
❑	759-160-132	18	Pocket Reference Card — Order Operations — 1/1A ESS System
	International		
	759-160-170	1	Pocket Reference Guide — 1A International
	759-160-171	1	Pocket Reference Guide — 1A International Data
	759-160-172	1	Pocket Reference Guide — 1A International Order
	759-160-173	1	Pocket Reference Guide — International Info

759-190 Central Office Equipment Engineering System (COEES)

	Number	Issue	Subject
	1/1A ESS		
	759-190-344	2	No. 1/1A ESS Stored Data
	759-190-649	10	No. 1/1A ESS Network Capacity Worksheet for Local or Combined Local/Toll Office
	759-191-346	1	No. 1A Stored Data (Trunks) and Ordering System Trunk Forecast Existing or Proposed International Trunk Circuits
	759-191-347	1	No. 1A Stored Data — International Equipment
	759-191-349	1	No. 1A Office Dependent Miscellaneous Data and Equipment — International — Existing or Proposed
	759-191-451	1	No. 1A ESS Traffic Engineering Transceiver Load Data for International Switches
	759-191-453	1	International Memory Worksheet
	759-191-541	3	No. 1/1A Price Data Equipment Worksheet — International Circuits
	759-191-644	1	No. 1A ESS Traffic Engineering — Planning Transceiver Load Data and Call Capacity for International Switches
	759-191-647	1	No. 1A ESS Trunk Forecast Input — International Circuits
	759-191-652	1	No. 1A ESS International Memory Worksheet — Planning
	2/2B ESS		
	759-192-560	2	2/B Price Data — Equipment Worksheet
	759-192-661	9	2/2B Current Plan Data — Forecast Worksheet
	759-192-663	9	2/2B Plan Data Traffic — Engineering Data Worksheet
	759-192-664	7	No. 2/2B ESS Plan Data — Trunk Data Worksheet
	759-192-665	5	No. 2/2B ESS Centrex Data Worksheet
	759-192-666	8	2/2B Management Objective and Maintenance Margin Overrides
	759-192-667	1	No. 2/2B ESS Plan Data — Remote Switching System Data Worksheet
	759-192-760	8	No. 2/2B ESS Stored Data
	No. 5XB		
	759-194-580	8	Price Data — 2-Wire Basic Equipment Worksheet
	759-194-581	7	No. 5XB Price Data — Trunk Equipment Worksheet
	759-194-582	5	No. 5XB Price Data — Billing and Translation Equipment Worksheet
	759-194-583	6	No. 5XB Price Data — 2-Wire Basic Equipment Worksheet
	759-194-584	6	No. 5XB Price Data — A10D, ACD, Centrex and LLP Equipment Worksheet
	759-194-585	7	No. 5XB Price Data — Test Equipment Worksheet
	759-194-586	1	No. 5XB Price Data — Reuse/ML 2-Wire Basic Equipment Worksheet
	759-194-680	7	No. 5XB Plan Data — Forecast and Load Data Worksheet
	759-194-681	6	No. 5XB Trunk Forecast Input
	759-194-682	5	No. 5XB Plan Data — Automatic Message Accounting Data Worksheet
	759-194-683	4	No. 5XB Plan Data — Centrex Data Worksheet
	759-194-684	5	No. 5XB Plan Data — Specific Frame and Unit Worksheet
	759-194-780	6	No. 5XB Store Data

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Step-By-Step		
759-195-500	4	Step-By-Step Price Data — Basic Equipment Worksheet
759-195-501	4	Step-By-Step Trunk and Miscellaneous Unit Worksheet
759-195-502	3	Step-By-Step Cama and ANI Worksheet
759-195-503	4	Step-By-Step Miscellaneous Equipment Worksheet Total
759-195-504	4	Step-By-Step Common Control and Touch Tone Worksheet
759-195-505	2	Step-By-Step Basic Equipment Worksheet
759-195-506	4	Step-By-Step Trunk and Miscellaneous Worksheet
759-195-507	3	Step-By-Step Cama and ANI Worksheet
759-195-508	4	Step-By-Step Common Control Tone Worksheet

Division 760

Building Engineering

760-0 Indexes
760-010 Electronic Media
760-1 Space Planning
760-2 Design Criteria
760-3 Construction Elements
760-4 Electrical
760-5 Mechanical
760-6 Fire Protection — Firesafety
-600 Administrative
-610 Facility Design
-620 Fire Suppression Systems
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-640 Fire Protection Equipment
-650 Fire Prevention
-660 Process and Special Hazard Protection
760-7 Building Systems
760-8 Procedures
760-9 Antenna Supporting Structures

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760-000-005	1	Alphabetical Index Division 760-770 — Building Engineering — Building Operation
760-010 Electronic Media		
■✇760-010-100AC	1	NSD Building Engineering CD-ROM (3-95)
760-1 Space Planning		
■ 760-100-005	1	Building Designer's Guide to the Americans with Disabilities Act (ADA) (3-95) Thomas Low NSD 508-960-3343
■ 760-100-006	1	Building Designer's Guide Drawings and Specifications (3-95)
■ 760-100-011AC	1	Network Equipment-Building System (NEBS) — Building Engineering Standards (BES) — Building and Equipment Layout — General
760-100-010	2	Building and Equipment Space Planning
■ 760-100-010AC	1	Building and Equipment Space Planning
■ 760-100-011AC	1	Network Equipment — Central Office Layout and Design
■ 760-100-015AC	1	Network Equipment-Building System (NEBS) — Space Planning
760-100-016	1	Network Equipment-Building System (NEBS) — In New Buildings
■ 760-100-016AC	1	Network Equipment-Building System (NEBS) — In New Buildings
760-100-017	1	Network Equipment-Building System (NEBS) — In Existing Buildings
■ 760-100-017AC	1	Network Equipment-Building System (NEBS) — In Existing Buildings
760-100-020	1	Selection of Building Sites for Central Offices
760-100-021	1	Land Survey Information
760-100-030	1	New Equipment-Building System (NEBS) — In New Buildings
760-100-032	1	New Equipment-Building System (NEBS) — In Existing Buildups
760-100-055	1	2B ESS™ Switch — Medium-Sized Offices — Space Planning
760-100-070	2	Long-Haul Radio Relay Station — Standards
760-100-071	2	Small Radio Relay Station — Standards
760-100-080	1	Analog Carrier Terminal Planning

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760-100-085	1	Digital Carrier Terminal Offices
760-100-086	1	FT3 and FT3C Lightwave Digital Transmission Systems — Terminal Office Planning Guidelines
760-100-090	1	Distributing Frame Systems and Interconnecting Cabling — Building Planning
760-120-150	1	Electronic Data Processing Center — Building Project Planning
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760-150-160	1	Solar Energy Systems — Planning
760-160-100	2	Fire Protection Planning

760-2 Design Criteria

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760-200-015	1	New Equipment-Building System (NEBS) — Building Engineering Standards — Building Design
760-200-020	1	Telephone Buildings — Design Loads
760-200-021	1	Floor Design Load
760-200-022	1	Wind Design Loads
760-200-023	1	Earthquake Design Loads
760-200-024	1	Nuclear Design Loads
■ 760-200-026	2	Seismic Zone Classification for The 145 Critical Network Offices (12/94)
760-200-030	2	Cable Entrance Facility (CEF)— Building Planning and Provision
760-200-031	1	CEF Conduit — Entrances, Holes, and Risers
760-200-032	2	Cable Openings — Design Standards
760-200-040	1	Floor and Ceiling Anchors
760-200-041	1	Equipment Support
■ 760-200-050	1	Network Mechanical System Standards (10-94)
■ 760-200-100	2	Structural Floors (12-94)
760-200-110	4	Raised Floor Systems
■ 760-200-120	2	Raised Floor Design Standards for NSD Equipment Locations
■ Appendix 1	2	AT&T Procurement Requirements for Raised Seismic Access Floor (SAF) System
760-200-150	1	Column Designation
760-200-152	2	Column Spacing in Equipment Rooms
760-200-154AC	1	Administrative Space Planning Standards
760-210-150	4	Ceiling Heights for Equipment Buildings
760-220-100	2	RFI Shielding
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760-230-100	1	Equipment Cooling
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■ 760-260-200	1	AT&T Energy Management Manual (2-95)
760-280-100	1	Northern Telecom DMS* — Digital Switching System — Mechanical and Electrical System Design Recommendations

760-3 Construction Elements

■ 760-300-100AC	1	CPSC (Construction, Planning, Scheduling, and Coordination) — User's Guide
760-310-100	1	Building Energy Management and Redesign Retrofit (BEMARR) — Building Envelope
760-330-150	5	Cable Openings
760-330-151	1	Core Method of Forming Main Frame Cable Holes
760-330-152	2	Cable Vaults, Cable Entrances, Detail of Vault Construction and Steel Work of Cable Racks
760-340-150	1	Noise Reduction
760-340-160	2	Flat Roof Grading
760-350-150	4	Interior Finishes of Rooms
■ 760-350-151AC	1	Generic Carpet Specification Guideline
760-360-150	6	Stairway Design — Egress
760-370-150	2	Window Cleaners' Safety Belt Anchors
760-380-150	2	Air Navigation Obstruction Marking

760-4 Electrical

760-400-100	2	General Considerations for Planning, Designing, and the Construction of AC Power Distribution Systems in Telephone Equipment Buildings
760-400-101	1	AC Power Distribution System Design Criteria (6-93)
760-400-105	1	Building Energy Management and Redesign Retrofit (BEMARR) — General Considerations for Electrical Systems
760-400-110	1	Building Electrical System — Voltage
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760-400-175	3	Procedure for Determining Short Circuit Currents in AC Power Distribution Systems
760-400-180	1	Power Systems — Engineering and Operational Review — Building Engineering Checklist
760-400-200	1	Building Electrical Systems — Electrical Load Analysis for Telecommunications Buildings
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760-400-230	1	Building Electrical Systems for Data- Processing Buildings
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760-400-310	1	Building Electrical Systems — Transformers — Selection and Application
760-400-400	1	Building Electrical Systems — Interior Lighting
760-400-410	1	Building Electrical Systems — Outdoor Lighting
760-400-415	1	Building Energy Management and Redesign Retrofit (BEMARR) — Energy Efficient Lighting
760-400-500	1	Building Electrical Systems — Ground Fault Protection
760-400-510	1	Building Electrical Systems — Grounding
760-400-520	1	Building Electrical Systems — Lightning Arresters — Selection Guidelines
760-400-605	1	Building Energy Management and Redesign Retrofit (BEMARR) — Electric Motors

* DMS is a registered trademark of Northern Telecom Ltd.

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760-510-150	2	Piping Identification
760-510-151	2	Piping Exposed and Concealed
760-520-150	3	Soap Dispensing Systems
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760-530-100	1	Heating Plants — Description and Fundamentals
760-530-101	1	Heating Plant — Glossary
760-530-102	1	Steam Boilers — Description
760-530-104	1	Hot Water Boilers — Description
760-530-105	1	Domestic Hot Water Heaters — Description
760-530-106	1	Warm Air Furnaces — Description
760-530-108	1	Heating Plant Controls — Description and Installation
760-530-110	1	Flame Safeguard Controls — Fuel-Burning Heating Plants — Description
760-530-112	1	Heating Plant Relief Devices — Description
760-530-114	1	Combustion Principles and Fuel Storage — Description
760-530-116	1	Heating Plants — Acceptance Testing
760-530-118	1	Heating Plant Electrical Design — Description
760-530-150	2	Relief Valves for Hot Water Storage Tanks
760-530-151	1	Relief Valves for Tankless Hot Water Heaters
760-540-150	3	Safety Valves for Steam Heating Boilers
760-540-151	3	Safety Relief Valves for Hot Water Heating Boilers
760-540-152	1	Relief Valves for Hot Water Supply Boilers
760-540-153	1	Low Water Cut-off Controls for Oil Burners
760-550-102	4	Ventilation for Battery Area — Requirements
760-550-151	5	Ventilation of Transformer Vaults, Heating Plants, Power Rooms, Internal Combustion Engine Rooms, and Gas Meter Compartments
760-550-204	2	Heating, Ventilating, Air-Conditioning, and Refrigeration Terms — Definition
760-550-205	1	Building Energy Management and Redesign Retrofit (BEMARR) Converting High-Velocity, Constant-Volume, Dual-Duct System Into Low-Velocity, Variable Air Volume System
■ 760-550-208	3	AT&T Engineering Guide for Ventilation and Air-Conditioning Design Parameters and General Planning Information (4-95)
Addendum	1	
760-550-209	1	Building Energy Management and Redesign Retrofit (BEMARR) — Estimating Telephone Equipment Heat Release
760-550-210	1	Building Energy Management and Redesign Retrofit (BEMARR) — Air and Water Economy Cycles
■ 760-550-212	3	AT&T Engineering Guide for Ventilation and Air-Conditioning Refrigeration Systems (4-95)
760-550-213	1	Building Energy Management and Redesign Retrofit (BEMARR) — Chiller Systems
760-550-214	1	Building Energy Management and Redesign Retrofit (BEMARR)—Internal Heat Source Heat Pump
760-550-218	1	KS-21344 Air Diffuser Performance — Data and Application Guidelines
760-550-231	1	1/1A ESS Switch — Telephone Equipment Buildings — Mechanical System Design Guide
760-550-232	1	2/2B ESS Switch — Telephone Equipment Buildings — Mechanical System Design Guide
760-550-233	1	4ESS™ Switch — Conventional Equipment Cooling Systems
760-550-260	1	Engineering Guide for Ventilation and Air Conditioning — Standard Detail Drawings
760-550-261	1	SD-1 Absorption Refrigeration System — SD-2 Air Compressor Instrument Air — Single Unit
760-550-262	1	SD-3 Air Compressor Instrument Air — Duplex Unit — SD-4 Condensate Cooler Connections

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760-550-263	1	SD-5 Condenser Connections — City Water or Well Water — SD-6 Converter Connections — Hot Water
760-550-264	1	SD-7 Cooling Coil Connections — SD-8 Cooling Coil Connections.
760-550-265	1	SD-9 Cooling Towel Connections — Single Cell SD-10 Cooling Tower Connections — Multi-Cell
760-550-266	1	SD-11 Duct Connections — Branch Duct Work SD-12 Duct Connections — Branch Duct Work
760-550-267	1	SD-13 Duct Support and Rod Penetration Through Duct — SD-14 Duct Symbols
760-550-268	1	SD-15 Duct Work Hangers and Supports — SD-16 Duct Work Joints
760-550-269	1	SD-17 Drain Pan — Concrete — SD-18 Drain Pan — Metal
760-550-270	1	SD-19 Equipment Isolation Base — SD-20 Expansion Tank — Closed
760-550-271	1	SD-21 Expansion Tank — Closed — SD- 22 Expansion Tank — Open
760-550-272	1	SD-23 Heating Coil Connections — Hot Water — SD-24 Heating Coil Connections — Steam
760-550-273	1	SD-25 and SD-26 Heating Coil Connections — Steam
760-550-274	1	Pump Detail SD-27 — Pipe Sleeve Detail SD-28
760-550-275	1	SD-29 Riser Support — Exposed Areas — SD-30 Roof Exhaust Detail
760-550-276	1	SD-31 Steam Humidifier Connections — SD-32 Steam Separater Connections
760-550-277	1	SD-33 Steam Turbine and Condenser — SD-34 Symbols for Valves and Fittings
760-550-278	1	SD-35 Unit Heater Connections — Hot Water — SD-36 Unit Heater Connections — Steam
760-550-279	1	SD-37 Water Chiller Connections — SD- 38 Water to Water Heat Exchange
760-550-300	2	Modular Cooling System — Planning and Engineering Guidelines
760-555-150	2	Atmospheric Environment for Telephone Equipment Space — Considerations and Heat Release Data
760-555-151	4	Atmospheric Environment for Telephone Equipment Space
Addendum	1	
760-560-150	2	Guarding Moving Parts of Machines
760-570-100	1	Building Energy Management and Redesign Retrofit (BEMARR) — Heating
760-570-400	1	Building Energy Management and Redesign Retrofit (BEMARR) — Pumps and Pumping Systems
760-570-500	1	Building Energy Management and Redesign Retrofit (BEMARR) — Heat Recovery

760-6 Fire Protection — Firesafety

760-600 Administrative

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760-600-100	2	Use of Practices
760-600-110	1	Glossary
760-600-210	2	Application Criteria for Telephone Equipment Buildings
■ 760-600-210AC	1	Application Criteria for Telephone Equipment Buildings
760-600-220	1	Application Criteria for Administrative Buildings
760-600-230	2	Application Criteria for Electronic Data Processing Buildings
760-600-240	1	Application Criteria for Garages and Other Work Centers
760-600-250	1	Application Criteria for Training Facilities and Residential Type Buildings
760-600-300	1	Application Guide for Leased Facilities
■ 760-600-315	1	Fire Safety Application

760-610 Facility Design

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Division 770

Building Operation

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Division 780

Network Services Methods

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❶ 780-125-021	1	Network Switching Administration — 2/2B ESS™ Switches — Operational Standards
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AT&T WATS (Wide Area Telephone Service) and W8PMP GOC (800 Service Generic Order Control System)

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❶ 780-403-310	1	Business Information System — Trunk Servicing
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❶ 780-403-340	3	Computer Application to Trunk Formulas and Tables
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❶ 780-404-120	1	Preparation and Use of Routing Material
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❶ 780-404-150	1	4A/4M Crossbar Office Card Translator Routing
❶ 780-404-160	1	Crossbar Tandem Office Routing
❶ 780-404-170	1	No. 5 Crossbar Office Routing
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❶ 780-404-270	1	Routing Administration in No. 4A Crossbar Offices Equipped With Electronic Translator System — Network Services Methods
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❶ 780-450-120	1	5A Announcement System — Internal
❶ 780-450-121	1	6A Announcement System — Internal
❶ 780-450-122	1	7A Announcement System — Internal
❶ 780-450-128	1	13A Announcement System — Replacement for 7A in Electromechanical Systems
❶ 780-450-133	1	2D and 4A Time Announcement System — Public
❶ 780-450-134	1	3A Announcement System — Public
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❶ 780-450-136	1	9A Announcement System — Heavy Duty — Public
❶ 780-450-137	1	KS 16534 Announcement Control Unit — Public

Division 781

Technical Planning

781-0 Indexes

-040 Notes on Common Control Switched Arrangement (CCSA)

-041 Notes on Electric Tandem Networks (ETN)

781-3 Central Office Area Planning

781-4 Switching Network Planning

781-5 Interoffice Facility Planning

781-6 Network Structure Planning

781-8 Common Systems Planning and Engineering Center

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781-0 Indexes		
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781-040 Notes on Common Control Switched Arrangement (CCSA)		
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781-040-101	1	Switching Plan
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781-040-103	1	Signaling and Supervision
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781-040-107	1	Compatibility
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781-041 Notes on Electronic Tandem Networks (ETN)		
781-041-100	2	General
781-041-101	2	Operations
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781-041-104	2	Implementation

781-3 Central Office Area Planning

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781-331-105	1	Wire Centering Problem and Program Description
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781-331-115	1	Entering Data and Running the MWC/CS Program Using the Remote Data Entry System
781-331-120	1	Program Output
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Local Switching Replacement Planning (LSRP) System		
781-331-200	1	General Introduction
781-331-205	2	Description and Operation
781-331-206	2	CUCRT Subsystem Description
781-331-210	2	Input Data Description and Instructions
781-331-217	3	Output Reports Description
781-331-220	3	Entering and Running Instructions
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781-4 Switching Network Planning

781-410 Traffic Network Planning Procedures (TNPP)

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	781-410-110	1	Network Routing and Configuration — Traffic Network Planning Procedures
❶	781-410-210	1	Tandem Switching Systems Planning — Traffic Network Planning Procedures — Technical Planning
	781-410-220	1	Operator Services Planning — Traffic Network Planning Procedures

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❶	781-410-230	1	Stored Program Controlled (SPC) — Network Capability Planning — Traffic Network Planning Procedures
	781-410-240	1	Signaling Network Planning — Traffic Network Planning Procedures — Technical Planning
❶	781-410-250	1	Service Continuity Planning — Traffic Network Planning Procedures
❶	781-410-260	1	Transmission Facility Planning — Traffic Network Planning Procedures — Technical Planning
	781-410-300	1	Management, Tools, and Resources — Traffic Network Planning Procedures
❶	781-410-350	1	Economic Evaluation — Traffic Network Planning Procedures — Technical Planning
❶	781-410-360	1	Planning Cost Methodology — Traffic Network Planning Procedures — Technical Planning
	781-410-410	1	Data Collection — Traffic Network Planning Procedures
	781-410-420	1	Projection — Traffic Network Planning Procedures
	781-410-430	1	Planning Methods — Traffic Network Planning Procedures
	781-410-440	1	Analysis and Conclusion of Study — Traffic Network Planning Procedures
	781-410-450	1	Documentation — Traffic Network Planning Procedures
	781-410-460	1	Plan Monitoring System — Traffic Network Planning Procedures — Switching Network Planning

781-442 Tandem Cross-Section Program

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781-442-100	2	Introduction
781-442-105	2	Input Data Instructions and Program Description
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781-442-110	1	A Basic Problem Input and Computer Program Run Results
Addendum	1	
781-442-115	1	An Extended Problem Input and Computer Program Run Results
781-442-120	2	Cross Checking Data Cards for a Computer Run
781-442-125	2	Input Cards
781-442-130	2	Program Output
Addendum	1	
781-442-135	1	Advisory Diagnostics
781-442-140	1	Glossary of Terms
781-442-145	1	Data Check and the Remote Data Entry System
781-442-150	1	Network Modeling — General
781-442-155	1	Network Modeling — Routing

781-443 Long Range Switching Studies (LRSS)

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781-443-100	3	General
781-443-101	1	Master Files
781-443-102	2	Data Collection
781-443-103	2	Projection
781-443-104	1	End Office and Toll Network Trunking
781-443-105	1	Annual Charge Evaluation
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781-5 Interoffice Facility Planning

781-500/502 General

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781-500-015	1	Equipment Fundamental Planning Procedures — Description
781-501-100	1	General Description — Interoffice Circuit Forecast Processor
781-501-101	1	Methods Guide — Interoffice Circuit Forecast Processor
781-502-010	2	Current Interoffice Facility and Equipment Planning — General Description — Interoffice Facilities/Equipment Current Planning Center
781-502-020	2	Current Interoffice Facility and Equipment Planning — Special Services and Other Common Carrier Facilities
781-502-100	2	Current Interoffice Facility and Equipment Planning — Metropolitan Networks
781-502-300	2	Current Interoffice Facility and Equipment Planning — Outstate Networks
781-502-401	1	Facility Planning — Description — Equipment Current Planning Center

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781-502-402	1	Carrier and Circuit Equipment Planning — Description — Interoffice Facilities/ Equipment Current Planning Center
781-502-450	1	Scheduling and Coordination — Description — Interoffice Facilities/Equipment Current Planning Center

781-510 Special Service Forecasting System (SSFS)

781-510-010	2	Implementation Guide

781-520 Facility and Equipment Planning System (FEPS)

781-520-105	1	Users Guide — System Administration
781-520-110	1	User Guide — Facility Planning Preparation
781-520-116	1	Users Guide — Forecast Processing — Facility and Equipment Planning System (FEPS) — Interoffice Facilities Planning
781-520-117	1	Users Guide — Allocation Strategy

781-6 Network Structure Planning

781-610 North American Numbering Plan (NANP) and Dialing Procedures

781-610-100	1	Nationwide Numbering Plan General Guidelines (Ref. E.L.3086/GL74-07-004)
781-610-200	1	Efficient Code Utilization and Conservation Program (Ref. E.L.2821/GL74-03-160)
■ 781-610-210	2	NANP GBCS Switch Upgrade Reference Manual (1-95)

781-8 Common Planning and Engineering Center

781-800-005	1	Cable Entrance Facility — Planning and Design

Division 785

Network Access

785-0 Indexes, Switched Access Billing

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785-0 Indexes, Switched Access Billing		
Index		
785-000-000	2	Numerical Index — Division 785 — Network Access
Switched Access Billing		
■ 785-000-001AC	3	Switched Access Bill Verification — Methods and Procedures (1-90)
■ Appendix 1AC	1	Switched Access Bill — Usage Comparison System (SAB UCS) (11-87)
■ Appendix 2AC	2	Switched Access Bill Verification — Minutes of Use (5-89)
■ Appendix 3AC	1	Prepayment Bill Processing (11-87)
■ Appendix 4AC	2	Switched Access Meet Point Billing — Bill Verification (2-89)
■ Appendix 5AC	1	WATS Access Lines and WATS Access Line Extenders (Manual Verification) (11-87)
■ Appendix 6AC	1	Directory Assistance (Manual Verification) (11-87)
■ Appendix 7AC	1	Alternate Routing and Dual Homing (Manual Verification) (11-87)
■ Appendix 8AC	1	Independent Company (Manual Verification) (11-87)
■ Appendix 9AC	1	Installation & Maintenance Testing (Manual Verification) (11-87)
■ Appendix 11AC	2	Centralized Message Data System (CMDS) Overview (9-88)
■ Appendix 12AC	1	Use of 4ESS™ (INSEP/DESEP) Report (11-87)

Division 788

Business and Consumer Communications Services Planning and Operations

788-0 Index and General

788-1 Planning and Operations Common to Business Services

-100 Traffic Engineering

-102 Traffic Administration

-103 Electronic Tandem Network System Operations

788-2 Planning and Operations Common to Consumer Services

-201 Exchange Standards

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788-0 Index and General			
	788-000-000	18	Numerical Index — Division 788 — Business and Consumer Communications Services Planning and Operations
788-1 Planning and Operations Common to Business Services			
788-100 Traffic Engineering			
	788-100-100	1	Cross-Reference Index — Business Services Facilities Engineering Practices to Bell System Practices
	788-100-101	1	Recommended Document List
●	788-100-104	1	General
●	788-100-105	1	Traffic Theory and Application
●	788-100-106	1	Traffic Data
●	788-100-107	1	Engineering Considerations
●	788-100-108	1	Glossary of Terms
●	788-100-109	1	Organizational Structure
●	788-100-110	1	Attendant Facilities — General
●	788-100-111	1	Attendant Position Requirements — CCS Method
●	788-100-115	1	Dial PBX Systems — Step-by-Step
●	788-100-120	1	Centrex CU — AIOD — Dial PBX Systems
●	788-100-121	1	Touch-Tone Calling — Dial PBX Systems
●	788-100-130	1	Hotel-Motel Service — Specialized Industries
●	788-100-135	1	Traffic Measurement System No. 1A
	788-100-140	1	Cable Clips — Installation — General Equipment Requirements
	788-100-142	1	Erlang-C Capacity Tables
788-102 Traffic Administration			
	788-102-100	1	Cross-Reference Index — Business Services Facilities Administration Practices to Bell System Practices
	788-102-101	1	Recommended Document List
●	788-102-102	1	Principles
●	788-102-103	1	Force Requirements and Programs
●	788-102-104	1	Traffic Data Collection Schedules
●	788-102-105	1	Listed Directory Number — Traffic Data Collection
●	788-102-106	1	Customer Premises Registers — Assignments and Data Collection
●	788-102-107	1	Traffic Usage Data Collection
●	788-102-108	1	Data Validation
●	788-102-109	1	Assignments and Balancing
●	788-102-110	1	Data Interpretation
●	788-102-111	1	Network Completion
788-103 Electronic Tandem Network System Operations			
	788-103-100	1	Recommended Document List — Business Services Design Engineering
	788-103-110	1	General Information — Introduction — Business Services Traffic Engineering
	788-103-120	1	Glossary, Acronyms, and Abbreviations — Business Services Design Engineering
	788-103-130	1	Planning Design Objectives — Business Services Design Engineering

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788-103-135	1	Pre-Sales — Point-to-Point — Traffic Data Collection — Business Services Design Engineering
788-103-150	1	Design Methodology — Business Services Design Engineering — Electronic Tandem Network
788-103-160	1	Mixed Network Considerations — Business Services Design Engineering
788-103-200	1	General Description — Design Engineering — Manual Method — Business Services Design Engineering
788-103-235	1	Tandem Switch Selection — Manual Method Business Services Design Engineering
788-103-405	1	DIMENSION® Feature Package 8 — Routing Guide Forms — Business Services Traffic Engineering
788-103-410	2	DIMENSION PBX Feature Package 8 — Routing Guide — Business Services Design Engineering
788-103-420	1	No. 1/1A Electronic Switching Systems — Centrex/Essx-1 — Routing Guide — Business Services Design Engineering

788-2 Planning and Operations Common to Consumer Services

788-201 Exchange Standards

■	788-201-100	4-94	AT&T Exchange Message Interface (EMI) Exchange Standards Reference Document (ESRD) Revision 2

Division 790

Engineering Administrative Practices

790-0 Index and General Information

790-1 Administrative Documents

- **-100 Central Office Equipment Engineering and Power Engineering**
- **-110 Customer Switching Systems**
- **-115 Customer Premises Record Systems**
- **-120 Central Office Equipment Maintenance Engineering**
- **-140 Circuit Provision Engineering**

790-2 PICS/DCPR Engineering Documents

- **-200 Operating Procedures — IMS**
- **-201 Inventory Management Documents**
- **-205 RIMS (Reuse Inventory Management System)**

790-3 Network Plug-In Administrative Methods

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790-0 Index and General Information		
790-000-000	94	Numerical Index — Division 790 — Engineering Administrative Practices
790-1 Administrative Documents		
790-100 Central Office Equipment Engineering and Power Engineering		
Central Office Equipment Engineering		
790-100-000	1	Alphabetical Index to Equipment Engineering Administrative Practice
790-100-010	1	Functional Index to Equipment Engineering — Technical
790-100-101	5	General Plan and Purpose of the Equipment Engineering Administrative Practices
790-100-120	1	General Description — PICS/DCPR System
790-100-125	1	Bell System Disc Oriented Property and Cost (BSDOPAC) System — Description
790-100-205	1	Support Role of the Equipment Engineer in Planning
790-100-210	1	Forecasting Network Growth and Measuring Network Usage
790-100-220	1	Planning Network Growth
■ 790-100-225AC	2	Network Growth Process Definitions and Implementation Guideline
790-100-230	1	Support Role of the Equipment Engineer in Planning — Support Activities
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790-100-260	1	Job File Guidelines
790-100-270	2	Job Scheduling
790-100-280	1	Central Office Equipment Requests
790-100-290	1	Job Planning and Cost Control
790-100-310	3	Central Office Equipment — Specific Estimate, Routine Estimate, and Work Order Preparation
790-100-312	1	Central Office Equipment — Cost Estimating
790-100-320	3	Telephone Equipment Orders — Format Description
■ 790-100-320AC	1	Telephone Equipment Orders — Format Description
790-100-321	3	Western Electric Company Engineered (WEE) — Orders — Preparation Instructions
■ 790-100-321AC	1	AT&T Network System Engineered Orders — Preparation Instructions
790-100-322	3	Telephone Company Engineered Orders (TCE)
■ 790-100-322AC	1	AT&T Network Operations Group Engineered Orders
790-100-323	1	Common Language Equipment — Ordering/Furnish Only (CLEO/FO)
790-100-330	3	Orders on Suppliers Other Than Western Electric
■ 790-100-330AC	1	Orders on Suppliers Other Than AT&T Network System
790-100-340	3	Material Storage Arrangements, Material Receiving Procedures, and Western Electric Company Installation Force Work Space
790-100-350	1	Insurance On Equipment

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	790-100-360	2	Control of Unapplied Central Office Equipment Engineering Material
	790-100-370	1	Control of Equipment Orders Requiring Federal Communications Commission Approval
	790-100-410	4	Contract Proposal/Estimate Analysis
	790-100-415	4	Account 725 — Distribution of Billing
	790-100-416	1	Central Office Equipments — Cost Control
■	790-100-420AC	1	Central Office Installation Coordination
	790-100-421	2	Method of Procedure
■	790-100-421AC	4	Service Method Of Procedure (SMOP)
	790-100-425	2	Major Central Office Project Coordination
	790-100-430	5	Job Information Memorandums (JIMS)
■	790-100-440AC	1	Material Requisitions
	790-100-445	1	Overtime Allowance and Night Work Bonus
	790-100-450	4	Control of Disconnected and Surplus Material
	Addendum	1	
	790-100-460	4	Job Completion and Acceptance
■	Addendum AC	1	
■	790-100-460AC	1	Job Completion and Acceptance
	790-100-510	4	Billing Review and Claims
	790-100-520	4	Plant Removals and Retirements
	790-100-530	3	Material Transfers
	790-100-540	3	Returned Material Notices
	790-100-550	2	Returned Good Memorandum
	790-100-560	2	Scrap Disposition Guidelines
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	790-100-580	4	Specific Estimate Closure
	790-100-610	3	Purchases and Sales of Central Office Plant and Materials
	790-100-630	2	Accounting Terminology and Considerations
	790-100-635	1	Equipment Engineering Considerations for Investment in Accounts Other Than Account 221
	790-100-640	2	Long Lines Department/Operating Telephone Company — Administrative Interface Procedures

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	Power Engineering		
	790-100-650	1	Central Office Equipment — Power Engineering — Administrative Procedures
	790-100-651	3	Introduction
	790-100-652	1	Planning
	790-100-653	1	Economic Analysis
	790-100-654	1	DC Power Plants
■	790-100-655	3	Batteries
	790-100-656	1	DC Distribution
	790-100-659	1	Stand-by AC Plants
	790-100-660	1	AC Power for Telecommunications Equipment (Section 8)
	790-100-661	1	Power Alarms (Section 9)
	790-100-662	1	Layout
	790-100-663	2	Power Equipment Acceptance (Section 11)
■	790-100-663AC	2	Power Equipment Acceptance Guidelines
	790-100-664	1	In-Service Responsibilities
	790-100-665	1	Section 13—Glossary
	790-100-666	1	Permuted Index (Section 14)
	790-100-667	1	Determining Wire Sizes in AC Power Conductors Based on Voltage Drop Requirements
●■	790-100-668	4	Network Operations Group Power Systems Engineering Guidelines for AT&T Network Systems (1-95)
■	790-100-900AC	1	Message Toll Terminal Planning System (MTTP) — Echo Suppressor Planning

790-110/111 Customer Switching Systems

	790-110-001	1	Business Premises Switching Systems — Administrative Analysis
	790-110-100	1	General Plan and Purpose
	790-110-110	1	Index of Customer Switching Equipment
	790-110-200	1	Equipment Request
	790-110-210	1	Floor Plan Procedures
	790-110-220	2	Estimate, Routine, and Keep Cost Orders — Preparation and Approvals
	790-110-230	1	Customer Switching Engineer — Time Sheet Preparations

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790-110-240	1	Engineering Administration System (EAS)
790-110-300	1	Telephone Equipment Orders — General
790-110-310	1	Telephone Company Engineered Orders
790-110-330	1	Purchase and Sale of Material
790-110-400	2	Business Premises Switching Systems — Scheduling and Coordination
790-110-410	1	Administration of Job Records
790-110-420	1	Contract Analysis
790-110-430	1	Job Information Memorandum (JIM) Analysis
790-110-500	1	Preinstallation Requirements for Material, Storage, Installation, and Work Space
790-110-510	1	Material Management
790-110-520	1	Removals, Retirements, and Reuse
790-110-530	1	Transfers of Material and/or Labor
790-110-540	1	Returned Material Notice (RMN)
790-110-550	1	Returned Goods Memorandum (RGM)
790-110-570	1	Installer's Requisitions
790-110-580	1	Transfer From Under Construction to Telephone Plant in Service
790-110-600	1	Engineering Complaint Procedures
790-110-620	1	Job Completion and Acceptance
790-110-630	1	Billing and Claim Review
790-110-640	2	Specific Estimate Closure
790-110-650	1	Accounting Terminology and Considerations
790-110-700	4	Marketing, Engineering, and Business Services — General Description
790-110-711	4	DIMENSION® PBX Traffic Module — Marketing, Engineering, and Business Services
790-110-720	2	DIMENSION PBX Data Check Module Marketing, Engineering, and Business Services
790-110-721	3	DIMENSION PBX Engineering Administration and Simplified Equipment Module — Marketing, Engineering, and Business Services
790-110-723	1	Customer Switching Systems/Marketing, Engineering, and Business Services — DIMENSION PBX Application Customer Switching Engineering — Ordering Module Input/Output Processing
790-110-730	5	DIMENSION PBX Tariff Module — Marketing, Engineering, and Business Services — Customer Switching Systems
790-110-731	6	DIMENSION PBX Price Quote Module — Marketing, Engineering, and Business Services — Customer Switching System
790-110-732	4	DIMENSION PBX Rate Module — Marketing, Engineering, and Business Services — Customer Switching Systems
790-110-735	1	Customer Switching System/Marketing, Engineering, and Business Services — DIMENSION PBX Application — Traffic Engineering for Automatic Route Selection (TEARS)/Queuing Engineering Module — Input/Output Processing
790-110-736	2	Automatic Call Distributor/Electronic Switching System — Tariff Module — Marketing, Engineering, and Business Services — Customer Switching Systems
790-110-737	1	Customer Switching Systems/Marketing, Engineering, and Business Services — Automatic Call Distributor/Electronic Switching System — Marketing — Quote Module — Data Input/Output Processing
790-110-738	3	HORIZON® Communication System — Tariff Module — Marketing, Engineering, and Business Services
790-110-739	3	HORIZON Communication System — Quote Module — Marketing, Engineering, and Business Services
790-110-751	2	COM KEY® System 2152 Calculator Module — Marketing, Engineering, and Business Services

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790-110-752	2	COM KEY System 2152 Tariff Module — Marketing, Engineering, and Business Services
790-110-800	1	Inspection and Survey of In-Service Systems
790-110-820	2	Controlled Estimate Analysis

EMIS (Early Maintenance Information System)

790-111-200	2	Data Retrieval User's Guide

790-115 Customer Premises Record Systems

790-115-100	1	General Description
790-115-101	2	On-Line Operating Procedures
790-115-102	1	Inventory Management Reports
790-115-103	1	Manual Procedure

790-120 Central Office Equipment Maintenance Engineering

790-120-120	2	General Plan and Purpose
790-120-205	1	Processing General Trade Product Change Notice
790-120-230	1	Administrative Practices—Application of Class BU Drawing Changes
Addendum	1	
790-120-260	2	Engineering Complaint Administration — Administrative Practices
790-120-320	1	Test and Analysis Committee
790-120-390	1	Toll Terminal — Review
790-120-480	1	Requests for Changes to Equipment
790-120-490	1	Special Equipment Design
790-120-491	1	Special Equipment Design — Preparation of Apparatus Mounting and Assembly Drawings
790-120-492	1	Special Equipment Design — Tabular T Drawing Preparation
790-120-800	2	Documentation Description

790-140 Circuit Provision Engineering

790-140-100	1	Guidelines for Issuing the Circuit Layout Record Card (CLRC)/Work Order Record and Details (WORD)
790-140-300	2	Metallic Facility (MFT) Administration Guideline
790-140-701	1	Common Language Facility Identification — Administration Guideline T1 Carrier

790-2 PICS/DCPR Engineering Documents

790-200 Operating Procedures — IMS

790-200-214	1	Mass Change Capabilities
790-200-215	1	Data Classification Changes — Central Office Equipment (Account 221)
790-200-220	1	Reference File Maintenance
790-200-225	1	PICS/DSPR — Asset Verification Procedures
790-200-230	1	Hardwired Billing Activity — WEE and TCE — Input Preparation
790-200-232	1	Batch Billing Process
790-200-234	1	Input Preparation — Miscellaneous CPR 0400XX Entries
790-200-236	2	Plug-In and Hardwired Equipment Retirements
790-200-240	1	Job Status Updates — Input Preparation
790-200-250	1	Monthly Journalization Output
790-200-252	1	Monthly Outputs — Plug-In Billing Reconciliation
■ 790-200-252AC	1	Monthly Inputs — Plug-In Billing Reconciliation
790-200-254	1	Monthly Outputs — Hardwired Billing Reconciliation
790-200-261	1	Monthly Investment Analysis
790-200-270	1	Annual Outputs — Overview
790-200-272	1	Operating and Analyzation Procedures — Account 100.1 Analysis
790-200-273	1	Operating and Analyzation — Procedures — Plug-In Other Costs (PIOC)
790-200-274	1	Operating and Analyzation — Procedures — WE® Deferred Tax Analysis

790-201 Inventory Management Documents

Inventory Management Manual (Parts 1 Through 16)

❶	790-201-100	2	Part 1 — General Orientation
❶	790-201-105	2	Part 2 — Determining Spare Levels in Central Offices and Central Stock to Meet Policy Objectives

	Number	Issue	Subject
●	790-201-110	2	Part 3 — Service-Cost Relationships
●	790-201-115	2	Part 4 — Lead Time-Cost Relationships
●	790-201-120	2	Part 5 — Strategies for Each Stage of the Plug-In Life Cycle
●	790-201-125	2	Part 6 — Quality of Service in Providing Plug-Ins
	790-201-130	1	Part 7 — Preparing and Controlling the Plug-In Construction Budget
●	790-201-135	2	Part 8 — Efficient Ordering of New Stock
●	790-201-140	2	Part 9 — Managing the Repair Process
●	790-201-145	2	Part 10 — Managing of Disconnects
●	790-201-150	2	Part 11 — Recall of Surpluses From Central Offices
●	790-201-155	2	Part 12 — Maintaining an Account Data Base
●	790-201-160	2	Part 13 — Force Requirements, Organizational Arrangements, and Office Layout
●	790-201-165	2	Part 14 — Warehousing, Transportation, and Central Office Storage
●	790-201-170	2	Part 15 — Results Reporting
●	790-201-175	2	Part 16 — Management Reports and Procedures for Setting of Objectives

790-205 RIMS (Reuse Inventory Management System)

	790-205-140	1	General Description
	790-205-141	1	On-Line Operating Procedures
	790-205-143	1	Reuse Inventory Management System/National Reuse Administration System (RIMS/NARADS) — On-Line Processing

790-3 Network Plug-In Administrative Methods

	790-300-110	1	Central Office Plug-In Equipment Forecasting — General Description
	790-300-120	1	Organizational Arrangements and Force Requirements
	790-300-300	1	Overview of Acquisition
■	790-300-300AC	1	Overview of Acquisition
	790-300-510	1	Preinventory Procedures
	790-300-520	1	Universal Inventory/Reinventory Procedures (Manual)
	790-300-550	1	Joint-Owned Network Plug-In Inventory Procedures — Manual and Scanned
	790-300-605	1	Pending Circuit Order File
	790-300-610	1	Connect
	Addendum	1	
	790-300-615	1	Ship-From-Stock — Plug-In Movement Administration
■	790-300-615AC	1	Ship-From-Stock — Plug-In Movement Administration
	790-300-620	1	Like-For-Like
■	790-300-620AC	1	Like-For-Like and Mechanized Repair
	790-300-625	1	Field-To-Field
■	790-300-625AC	1	Field-To-Field
	Addendum	1	
	790-300-630	1	Movement of Equipment — Return-to- Stock (Recall) Transactions
	790-300-630AC	1	Movement of Equipment — Return-to- Stock (Recall) Transactions
	790-300-635	1	Disconnect — Plug-In Movement Administration
	790-300-640	1	Network Plug-In Administrative Methods — Status Change
■	790-300-640AC	1	Network Plug-In Administrative Methods — Status Change
	790-300-645	1	Shortage Resolution Procedures — Movement of Plug-In Equipment — Plug-In Inventory Control System/Detailed Continuing Property Record
	790-300-650	1	Look-At-Me and Nonstandard
	790-300-655	1	Network Plug-In Administrative Methods — Inventory Discrepancy Resolution and Movement
	790-300-660	1	Shipping Notice Administration
■	Addendum AC	1	
■	790-300-660AC	1	PICS/SS Product Administration Methods — Shipping Notice Administration
	790-300-665	1	Committed Spare Plug-In Movement Activities

Number	Issue	Subject
790-300-670	1	Central Office — Maintenance Spare Administration
790-300-675	1	Loop Electronics — Plug-In Movement Administration
790-300-680	1	Capital Tool and Portable Test Set
■ 790-300-700AC	1	Asset Verification (Inventory Procedures) Using PICS/SS
■ 790-300-701AC	1	Re-Inventory Procedures Other Than Account 221 (COE)
■ 790-300-702AC	1	Furniture, General Equipment and Other Telephone Equipment — Management Guidelines

Division 795

COMMON LANGUAGE*

795-0 Index and General Information

795-1 Location Identification

795-2 Transmission Equipment Identification

795-4 Circuit Identification

795-5 Switching and Traffic Administration Equipment Identification

Number	Issue	Subject
795-0 Index and General Information		
795-000-000	79	Numerical Index — Common Language
795-1 Location Identification Code		
■ 795-100-100AC	2	CLLI Code Description for Location Identification
■ 795-100-910AC	1	AT&T Coordinator Instructions
■ 795-100-911AC	E	Control Group — Instructions
■ 795-100-912AC	C	Updating Procedures
Appendix 1AC	A	Special Instructions for the Operations Department
795-2 Transmission Equipment Identification		
795-200 General		
795-200-000	6	Standard Coding Procedures
■ 795-200-900AC	B	Standard Coding Procedures — Telephone Central Office Equipment Codes
■ Addendum	C	
■ 795-200-901AC	H	Equipment Codes
■ 795-200-902AC	B	Telephone Central Office Equipment Hard-Wired Assembly
■ 795-200-903AC	B	Circuit Layout — Central Office Equipment Code Tables — Conversion Table (Bell System Common Language Code to Long Lines Code)
■ 795-200-904AC	B	Circuit Layout — Central Office Equipment Code Tables — Conversion Table (Long Lines to Bell System Common Language Code)
■ 795-200-905AC	D	Central Office Equipment Code — Request Form M413
795-4 Circuit Identification		
■ 795-400-100AC	3	Message Trunks
■ Appendix 1AC	3	Trunk-Type Modifier Codes
■ Appendix 2AC	3	Message Trunks, Overseas Message, Support and High Seas Trunk Identification
■ Appendix 3AC	3	Obsolete Traffic Use Codes
■ 795-402-100AC	3	Special Service Circuits
■ Appendix 1AC	3	Service Codes and Definition Grouped by Type of Service
■ Appendix 2AC	3	Obsolete Service Codes
795-450 Facility Identification		
■ 795-450-100AC	2	General Description
■ 795-450-107AC	1	Corporate Data Standards — Facility Assemblies and Assignment Slots
795-5 Switching and Traffic Administration Equipment Identification		
795-500 General		
795-500-000	2	Standard Coding Procedures

* COMMON LANGUAGE is a registered trademark of Bell Communications Research, Inc.

Division 800

Cross-Reference Lists, Floor Plan Data Sheets, Administrative Information, General Equipment Requirements For Installation and Manufacturing, And General Performance Requirements

800-0 Index, Cross-Reference Lists, and Floor Plan Data Sheets

800-1 Administrative Information

800-4 NORAD Alerting System

800-6 General Equipment Requirements for Installation and Manufacturing

- **-600 Checking List (Division 800, Layer 6)**
- **-601 Corporate Identity/Industrial Design Guidelines and Standards**
- **-610 General Information**
- **-611 Woodwork and Metalwork**
- **-612 Wiring and Cabling**
- **-613 Numbering and Lettering**
- **-614 Installation**
- **-630 Performance Requirements**
- **-651 Inspection — Central Office Equipment**

800-0 Index, Cross-Reference Lists, and Floor Plan Data Sheets

Number	Issue	Subject
800-000-000	24	Numerical Index — Division 800 — Cross- Reference Lists, Floor Plan Data Sheets, Administrative Information, General Equipment Requirements for Installation and Manufacturing, and General Performance Requirements
800-020-001	32	J, NJ, IS, and X Specifications to AT&T Practice Numbers — Cross-Reference List — Divisions 800 to 839
800-020-020	20	AA Series to Nine-Digit BSP Numbers
800-020-021	52	Checking List — Floor Plan Data (FPD) Sheets
Addendum	4	
800-020-022	3	Permuted Title Index — Floor Plan Data (FPD) Sheets
800-020-023	1	Floor Plan Data (FPD) Sheets — Description, Characteristics, and Use

800-1 Administrative Information

Number	Issue	Subject
800-101-100	1	Metropolitan Facility Junction Planning
800-102-100	2	Automatic Transmission Measuring System and Associated Testing Arrangements — Centralized Tape and Card Administration

800-4 NORAD Alerting System

Number	Issue	Subject
■ 800-400-001AC	2	Control Center Terminal Equipment Package — Description, Installation, and Maintenance Procedures
■ Addendum AC	1	
■ 800-400-002AC	2	PVAS/WAS Station Set — Description, Installation, and Maintenance Procedures

800-6 General Equipment Requirements for Installation and Manufacturing

800-600 Checking List (Division 800, Layer 6)

Number	Issue	Subject
800-600-000	2	General Equipment Requirements

800-601 Corporate Identity/Industrial Design Guidelines and Standards

Number	Issue	Subject
800-601-005	1	Corporate Color Management Program Brochure
800-601-010	1	Product Marking Reference Manual
800-601-011	1	Corporate Product Marking System Brochure
800-601-014	1	Corporate Color Palette Brochure
800-601-201	1	Customer Premises Industrial Design Standards and Guidelines Brochure

Number	Issue	Subject
800-610 General Information		
800-610-150	11	Moistureproofing of Central Office Equipment
800-610-151	4	Preparation and Mounting of Apparatus Designation Charts, Circuit Labels, Terminal Assignment Lists, etc.
800-610-152	9	Gauge and Insulation of Wire
Addendum	1	
800-610-153	7	Cabling Diagrams for Schematic Circuit Drawings
800-610-154	10	Mounting and Aligning Apparatus
Addendum	1	
800-610-155	10	Earthquake and Disaster Bracing for Central Office Equipment
800-610-156	1	Relay Rack Equipment — Numbering Plans for the Various Central Office Systems
800-610-157	3	Hardening of Central Office and Main Station — Communication Equipment Installed in 50-PSI Buildings
800-610-158	2	Packaged Electronic Products — Wiring, Cabling, Numbering and Lettering
Addendum	1	
800-610-159	7	Printed Wiring Products and Assemblies
800-610-160	2	Hardening of Intermediate or Auxiliary Station — Communication Equipment
800-610-161	1	Amplas Assemblies
Addendum	1	
800-610-162	1	Printed Wiring Products — Resin-Coated Metal Type
Addendum	1	
800-610-163	1	Hardening of Central Office and Main Station — Communication Equipment Installed in 10-PSI Buildings
800-610-164	3	New Equipment-Building System (NEBS)
■ 800-610-164AC	1	Network Equipment-Building System (NEBS)
800-610-165	3	Circuit Voltage Limits
800-610-166	1	No. 4ESS™ — Central Office Frame Location Numbering Plan — Switching Systems

Number	Issue	Subject
800-611 Woodwork and Metalwork		
800-611-150	3	Woodwork and Associated Materials
Addendum	1	
800-611-151	3	Metal Work
Addendum	1	
800-611-153	10	Finishes for Equipment Purposes
800-612 Wiring and Cabling		
Addendum	1	
800-612-150	2	Specific Requirements for Wiring and Cabling — Electronic Type Equipment
800-612-151	6	Design of Cable Forms
800-612-152	5	Stripping and Butting Cables
Addendum	1	
800-612-153	10	Forming, Fanning, Sewing, and Skinning
800-612-154	12	Connecting and Soldering Individual Conductors
800-612-156	10	Placing, Securing, and Supporting Cable Forms Including Unequipped Forms
800-612-157	10	Protection of Cable Forms and Skinners and Repair of Insulation
800-612-158	7	Splicing Switchboard and Lead-Covered Cables, Local Cables, and Individual Conductors
800-612-159	8	Strapping and Cross Connections
Addendum	1	
800-612-160	7	Dressing of Skinners
Addendum	2	
800-612-161	9	Color Combinations and Uses
800-612-162	11	Selection of Standard Copper and Lightguide Central Office Cables
Addendum	1	
800-612-163	8	Specific Requirements for Wiring and Cabling — Crossbar-Type Equipment
800-612-164	8	Forming, Grounding, Splicing, and Terminating Shielded Wiring and Coaxial and Twin-Conductor Shielded Office Cable
800-612-165	1	Specific Requirements for Dressing of Skinners — Power Plant Apparatus

Number	Issue	Subject
800-613 Numbering and Lettering		
Addendum	1	
800-613-150	11	Common Requirements
800-613-151	6	Specific Requirements for Apparatus and Equipment — A to E (Apparatus Coded Panels to Equalizers)
800-613-152	8	Specific Requirements for Apparatus and Equipment — F to I (Filters to Interrupters, except Frame and Racks)
800-613-153	5	Specific Requirements for Apparatus and Equipment — J to Q (Jack to Protectors)
800-613-154	8	Specific Requirements for Apparatus and Equipment — R (Relays to Resistors)
800-613-155	8	Specific Requirements for Apparatus and Equipment S Through Z — (Selectors to Varistors)
800-613-156	2	Specific Requirements for Toll Transmission Equipment Mounted on Duct-Type Frames
800-613-157	3	Specific Requirements for Apparatus and Equipment — Frames and Racks
800-613-158	3	Specific Requirements for Apparatus and Equipment — Distributing and Protector Frames
800-613-159	4	Specific Requirements for Equipment Code Numbers, SD Drawing Numbers, and Single or Multiple Sets of Circuit Apparatus for Equipment Mounted on other than Duct-Type Framework
800-613-160	3	Specific Requirements — Power Apparatus and Equipment
Addendum	1	
800-613-161	1	Specific Requirements for Apparatus and Equipment — Electronic Type
800-614 Installation		
800-614-150	4	General Installation Requirements
800-614-151	6	Emergency Alarm Systems Including Automatic Fire-Detection Feature
800-614-152	9	Switchboard, Power, and Local Power Cables and Lightguide Cables
800-614-153	5	Sheathing for Cable Openings
Addendum	1	
800-614-154	9	Location, Erection, and Assembly of Equipment
Addendum	3	
800-614-155	9	Auxiliary Framing— Low-Type
Addendum	1	
800-614-156	5	Auxiliary Framing (High Type) and Frame Supports Installing
Addendum	1	
800-614-157	11	Cable Racks
800-614-158	8	Cable Clips
800-614-159	11	Rolling Ladders
800-614-160	3	Switchboards and Desks
Addendum	1	
800-614-161	5	Frames, Racks, Fuse Bays, and Fuse Panels
800-614-162	4	Pneumatic Ticket Distributing System
800-614-163	1	Capacitance Unbalance Reduction in Toll Office — Textile Covered Quadded Switchboard Cable
800-614-164	3	Switchboard Multiple Cabling
800-630 Performance Requirements		
■ 800-630-100	1	Notification to Use (NTU) Procedures
800-630-180	3	General
800-651/669 Inspection — Central Office Equipment		
800-651-180	1	(IS201.002) — Detailed Inspection Procedures
800-651-181	5	(IS201.010) — Inspection Requirements — Relays A and AB Types
800-668-000	21	(IS218.001) — Common Systems Index
800-668-153	4	(IS218.005) — Solderless Wrapping Bits and Product Connections — Detailed Information
800-668-180	4	(IS218.002) — Local Systems of Large Rated Capacity — Toll and Telegraph Systems

Number	Issue	Subject
800-668-181	4	(IS206.002) — Detailed Inspection Procedure Toll and Telegraph Systems
800-668-182	4	(IS218.003) — Connecting and Soldering — Detailed Information
800-668-184	4	(IS218.010) — Relays — 111 (Part of 163), 121, 122, 125, 149, 162, 178, and 179 Type(s) (Round Type)
800-668-185	4	(IS218.011) — Relays — 114, 124, 126, 174, and 198 Type(s)
800-668-186	7	(IS218.012) — Relays — 280 Type
800-668-187	5	(IS218.013) — Relays — 263 and 264 Type(s)
800-668-188	4	(IS218.014) — Relays — 208 and 214 Type(s) (Counting Relays)
800-668-189	2	(IS218.015) — Relays — 235 Type
800-668-190	6	(IS218.017) — Relays — 221, 222, 223, 224, 225, 247, 248, 251, and 252 Type(s) (Step-by-Step Types)
800-668-191	3	(IS218.018) — Relays — 266 Type
800-668-192	1	(IS218.020) — Relays — AK Type(s)
800-668-193	5	(IS218.021) — Relays — B and G Type(s)
800-668-194	9	(IS218.022) — Relays — E, EA, F, H, R, and T Type(s)
800-668-195	7	(IS218.023) — Relays — J Type
800-668-196	5	(IS218.024) — Relays — L, N, and S Type(s)
800-668-197	7	(IS218.025) — Relays — U and UA Type(s)
800-668-198	4	(IS218.026) — Relays — Y Type
800-668-199	4	(IS218.027) — Relays — UB Type
800-669-180	1	(IS218.028) — Relays — AF, AG, and AJ Type(s)
800-669-181	1	(IS218.029) — Relays — 286, 287, and 288 Type(s)
800-669-182	6	(IS218.030) — Selectors — 200, 206, 209, and 211 Types — Banks — 16, 26 and 32 Types
800-669-183	3	(IS218.031) — Keys
800-669-184	1	(IS218.032) — Selectors — 204 Type (Minor Switch)
800-669-185	7	(IS218.033) — Switches — 324, 325, and 328 (Crossbar) Types
800-669-186	4	(IS218.034) — Switches — 197 and 198 (Step-by-Step) Types

Division 801

Equipment Design and General Requirements and Engineering Information — Common Systems

801-0 Index, Inventory Control/Identification, Distributing Frames, Racks, Ladders, Casings, Cabinets, Fuse Bays, Network, and Miscellaneous Frames and Equipment

801-1 Minicomputer Equipment

801-2 Test Equipment

801-3 New Product Development Support

-301 NS Gate Process

801-4 Line Balancing and Delay Equalizing, Repeating Coils, VF Repeaters, VF Maintenance, Radio and Carrier

801-5 Digital Transmission Facilities

801-6 Alarm, Announcement, Selective Signaling, Warning, Alerting, Air Ground Communication, Code Calling, Reporting, Signaling Systems and Signaling Equipment

801-7 Picturephone Equipment

801-8 Electronic Switching Type Equipment

801-9 Miscellaneous

Number	Issue	Subject
801-0 Index, Distributing Frames, Racks, Ladders, Casings, Cabinets, Fuse Bays, and Miscellaneous Frames and Equipment		
801-000-000	41	Numerical Index — Division 801 — Equipment Design and General Equipment Requirements and Engineering Information — Common Systems (2-95)
801-001 Inventory Control/Identification		
801-001-100	1	Bar Code Standards
801-001-105	3	Bar Code Label Standard — Shipping and Receiving
801-005 Distributing Frames		
801-005-150	4	(J97029) — Single Sided — 11' 6" High — 10" Guard Rail Width — Verticals on 8" Centers
801-005-151	2	(J97030) — Single Sided — Arranged for Protectors and Associated Radio Frequency Line Filters — 7'-0" and 9'-0" High
801-005-152	1	(J97031) — Main Distributing Frames — Protector Frames
801-005-153	1	(J97032) — Intermediate Distributing Frames — Trunk Distributing Frames
801-005-164	2	(J90610) — COSMIC® II Frame System
801-006 Racks		
801-006-150	5	(J90603) — Cable Racks
801-006-151	5	(J90801) — Cable Hole Sheathing
801-006-153	3	(J93001) — Relay Rack — Unit Framework and Wiring
801-006-154	5	(J97014) — Relay Racks — Channel Type — Framework
Addendum	1	
801-006-155	4	(J97025) — Relay Rack — Angle Type Framework and Cabling
Addendum	1	
801-006-156	5	(J97021) — Message Register Rack — Unit Type
801-006-157	7	(J92603) — Traffic Register Equipment
Addendum	1	
801-006-158	3	(J90606) — Cableway Systems for Electronic Offices Using 7-Foot Frameworks — Equipment Design Requirements — Common Systems
801-006-161	2	Telephone Equipment Frame Cooling — Use of KS-21344 Air Diffuser
801-006-162	1	(J99392) — Routing Selected Transmission Control (RSTC) — Loop Around and Gain Trunk Circuits

Number	Issue	Subject
801-007 Ladders		
801-007-150	5	(J90604) — Ladders, Benches, and Stools — Application Practices
801-007-151	3	(J90605) — Rolling Ladders — Track Type
801-009 Cabinets		
801-009-150	3	(J99204) — Alarm Circuit — Central Office, PBX, or Auxiliary Telephone Repeater Station
801-009-151	4	(J99219) — Steel Equipment Cabinets Housing Miscellaneous Equipments
801-009-152	3	(J99354) — Facilities Serving Power Industry — Terminating Unit — Central Office and Power Stations
801-009-153	2	(J99355) — Facilities Serving Power Industry — Remote Drainage Unit
801-009-154	2	(J99356) — Facilities Serving Power Industry — High Voltage Interface Unit
801-010 Fuse Bays		
Addendum	1	
801-010-150	3	(J97033) — Angle Relay Rack Type
Addendum	1	
801-010-151	4	(J97037) — Bulb Angle Type Relay Rack — Arranged for 70-Type Fuses
801-015 Miscellaneous Frames		
801-015-150	3	(J97035) — Cable Duct-Type Bay Framework and Associated Parts
801-015-151	2	(J97038) — Cable Duct-Type Bay Framework With Unequal Flange Uprights and Associated Parts
801-015-152	1	(J97039) — Universal Framework (UNIFRAME) and Associated Parts
801-015-154	1	(J98632) — 7-, 9-, 11-Foot 6-Inch Network Bay Frame

Number	Issue	Subject
801-020 Network Equipment		
■ 801-020-100AC	1	NEBS (Network Equipment Building System) General Equipment Requirements
801-025/-026 Miscellaneous Equipment		
801-025-150	9	(J99234) — Long Line Equipment for Subscriber Lines to a Central Office
Addendum	1	
801-025-153	1	(J99242) — Miscellaneous Central Office Equipment Covered by Equipment Drawing Codes
Addendum	1	
801-025-154	1	(J99243) — 4-Wire Bridging Arrangement Using 2-Way Speech Multipoint System — Central Amplifier Circuit
Addendum	1	
801-025-155	1	(J99241) — 2-Wire Bridging Equipment Multistation Private Lines — 20-Cycle Signaling
801-025-156	2	(J99240) — Emergency Transfer Facilities to Provide Alternate Routes for Vital Circuits
801-025-157	1	(J99228) — Trunking Facilities for Interconnecting Community Dial Offices With Operator Offices
801-025-158	4	(J93007) — Trunks Interconnecting — Operator Offices With Community Dial Offices
801-025-159	2	(J99265) — Loop Signal Converter and Long Line Equipment for Use With 154A1 Automatic Data Set Operation
801-025-160	2	(J99294) — Transistorized Conference Amplifiers and Equipment for Four or Six Simultaneous Connections
801-025-162	6	(J98610) — Program Transmission — Equipment for Central Office Distributing System
Addendum	1	
801-025-163	13	(J93016) — Relay Rack Mounted Equipment for Traffic, Maintenance Desks, and Frames

Number	Issue	Subject
801-025-164	3	(J93012) — Relay Rack Mounted Equipment for Local Manual or Combined Local Manual and Toll Offices Interconnected by Inter-toll Dialing Arrangements or by Toll Switching System No. 4
801-025-165	10	(J99206) — Equipment Units — Relay Rack Mounted
801-025-166	11	(J99235) — Equipment Units — Relay Rack Mounted
801-025-167	5	(J99236) — Relay Rack Mounted Equipment — Located in Central Office or in Either a PBX or Central Office Associated With PBXs
801-025-168	6	(J99226) — Battery Filters — Equipment and Wiring
801-025-169	3	(J99278) — Decentralized Filter Unit
801-025-170	1	(J99290) — Automatic Detection of Operated Gas Pressure Contactors or Transducer Pressure Indications in Pressurized Exchange Cable
801-025-171	1	(J93023) — Event Counter Unit
801-025-172	1	(J99283) — No. 1A Line Concentrator — Battery Charging Unit
801-025-173	2	(J99279) — Modifications of No. 1A Line Concentrator Systems
Addendum	1	
801-025-174	4	(J99259) - No. 1A Line Concentrator — Remote Units
Addendum	1	
801-025-175	4	(J99258) — No. 1A Line Concentrator — Control Frames and Units
❶ 801-025-176	2	(J99305) — Line Concentrator No. 2B — Control Frame
❶ 801-025-177	2	(J99306) — Line Concentrator No. 2B — Remote Frame
801-025-178	2	(J99295) — Line Concentrator No. 2A — Remote Frame
❶ 801-025-180	1	Performance Requirements — Line Concentrator No. 2B
801-026-151	2	(J99227) — 10 IPM Interrupter and Impulse Clock Supply
801-026-152	3	(J99327) — J99327A Tone Generator (400A)
801-026-153	2	(J99328) — J99328A Timer (5A)
801-026-154	3	(J99329) — J99329A Control Unit (60A)
Addendum	1	
801-026-155	2	(J99340) — General Purpose 4-Wire — Order Circuit Equipment
❶ 801-026-156	1	(J99342) — Preemption Tone Detector for AUTOVON
801-026-157	1	(J99344) — Interconnecting Units — Master Specification
801-026-158	1	(J98623) — Message Repeater Terminal Equipment for Long Subscriber Loops
801-026-159	4	(J99334) — Plug-In Long Line Units for Customer Lines to a Central Office or PBX and for Trunks Between a PBX and a Central Office
801-026-160	3	(NJ02517) — Signaling Range Extender for Coin Lines
801-026-161	5	(J49803) — Testing Equipment (AMA) — Perforator and Reader Test Unit
801-026-162	2	(J49806) — Reader Cabinet — Paper Tape Reader Equipment — Electronic Data Processing — Automatic Message Accounting Centers
801-026-164	2	(J99365) — No. 1 Trunk Concentrator and Outgoing Trunk — Frames
801-026-165	3	(J99375) — Incoming Trunk Frames and Units — No. 1 Trunk Concentrator — Equipment Design Requirements —Common Systems
Addendum	1	
801-026-166	2	(J99376) — Outgoing Trunk Units and Outgoing Trunk Transmission Units — No. 1 Trunk Concentrator
801-026-168	1	(J93026) — Transmission Test Termination Units — Crossbar, Manual, Panel, Step- by-Step, PBX, or Toll Office
801-026-171	5	(J99380) — Customer Premises Facility Terminal
Addendum	1	
801-026-173	1	(J99391) — Message Printer Unit
801-026-180	1	Performance Requirements — No. 1 Trunk Concentrator

Number	Issue	Subject
801-1 Minicomputer Equipment		
801-100-151	3	(J99366) — Unified Bus Converter Unit — 16 Row by 16 Bit Scanner Matrix Unit — 4 Row by 16 Bit Signal — Distributor Matrix Unit
Addendum	1	
801-100-152	2	(J99379) — Programmable Scanner/ Distributor (PSD)
801-100-153	2	(J1C124) — Magnetic Tapes — UNIX®* Operating System
801-2 Test Equipment		
Test Frames, Test Sets		
801-205-150	1	(J93027) — Remote Office Test Line Control Panel for Use With Electromechanical Remote Office Test Line Systems
801-205-151	7	(J93006) — Relay Rack Mounted Test Equipment
Addendum	1	
801-205-152	5	(J93017) — Relay Rack-Mounted Test Equipment
801-205-154	2	(J93025) — Coin Station Test Line Calibration Set
801-205-155	4	(J94711) — Patching Cord Test Set — Box Type — Wall Mounted
801-205-157	4	(J94713) — Relay Timing Test Set for Testing Relays for Time Adjustments (Box Type)
801-205-158	5	(J94714) — 35F Test Set (Box Type) for Adjusting Relays and Other Electromagnetic Apparatus
801-205-159	5	(J94715) — Call Thru Test Set (Box Type) and Associated Connecting Facilities for Originating and Receiving Calls Over Subscriber Line Circuits
801-205-160	1	(J94720) — Jack Test Set (Box Type)
801-205-161	3	(J94723) — Pulse Checking Test Set — (Box Type)
801-205-162	3	(J94724) — Contact Closure Test Set (Box Type)
801-205-163	5	(J94725) — Test Set for Mercury Contact Relays
801-205-164	1	(J94726) — Interrupter Set — 30 Pulses Per Second
801-205-165	3	(J94727) — 1A Signaling Test Set
801-205-166	2	(J94728) — Trunk Test Set For Test of Intercepting Trunks to Information Desks Nos. 3, 4, and 6
801-205-167	5	(J94729) — Trunk Test Equipment for Test of Incoming Automatic Information or Intercepting Trunks
801-205-168	1	(J94730) — 1A Fault Locator Test Set
801-205-169	1	(J94731) — Cold Cathode Tube Test Set
801-205-170	3	(J94732) — 3A Pulse-Generating Test Set, Electronic Type, and 3A Digit Control
801-205-171	1	(J94735) — Magnetic Latching Relay — Timing Test Set
Addendum	1	
801-205-172	2	(J94738) — Remote Testing Test Set
801-205-173	2	(J94743) — 4A Signaling Test Set for Maintenance and Testing in Loop, Single Frequency, E&M Lead and DX Signaling Systems
801-205-174	1	(J94742) — Portable Auxiliary Trunk Test Set for Use in Testing Trunks to No. 5 Crossbar ACD
801-205-175	2	(J64714) — D-C, MF, and MF and D-C, Key Pulsing Control Set
801-205-176	2	(J64722) — Pulse Repeating Test Set (Box Type)
801-205-177	1	(J99233) — Telephone and Test Equipment for Testing 2- and 4-Wire Private Lines
801-205-178	2	(J99297) — Touch-Tone Station Test Receiver — Signaling
801-206-150	1	(J99348) — Speed Test Circuit for Touch- Tone Automatic Dialers
Addendum	1	
801-206-152	1	(J94736) — No. 1A Pulsing Analyzer — Portable Type
801-206-153	1	(J94747) — No. 1 Trunk Concentrator — Portable Trunk Test Set

* UNIX is a registered trademark of Novell, Inc.

Number	Issue	Subject
Test Cabinets, Test Desks, Desks, Key Cabinets Testboards, Test Units		
801-220-150	2	(J94717) — Local Test Cabinet No. 2 — (Box Type)
Addendum	2	
801-220-151	7	(J94709) — No. 3 Local Test Cabinet
801-221-150	9	(J95001) — Loudspeaking Telephone System for Communication Between No. 14 or No. 16 Local Test Desks or No. 3 Cable Test Desk and Distributing Frames
Addendum	2	
801-221-151	9	(J95002) — No. 14 Local Test Desk
801-221-152	4	(J95003) — No. 3 Cable Test Desk
Addendum	1	
801-221-154	3	(J95005) — Test Desk and Associated Supporting Relay-Rack — Equipment Frames — No. 16 Local Test Desk
801-222-150	5	(J94801) — No. 2 Repair Service Desk
801-222-151	3	(J94703) — Test Supervisor Private Desk
801-223-150	5	(J94907) — No. 20 Key Cabinet
801-223-151	3	(J94909) — No. 21 Key Cabinet
801-224-150	3	(J63523) — No. 2A Toll Test Unit — Mobile Wheatstone Bridge — Voltmeter and Telephone Unit
801-224-151	2	(J63528) — No. 5A Toll Test Unit
801-224-152	1	(J94745) — Multifrequency Signaling Test Unit
801-224-153	1	(J94746) — Multichannel Tone Test Unit
801-224-154	1	(J94748) — 24 Channel PCM Bank Type D1 — Encoder Bias Digital Test Set
801-225-150	2	(J63509) — Talking and Signaling Set Equipment for Testboards
801-225-151	7	(J63513) — Miscellaneous Panels and Units for Use With Testboards (also numbered 807-409-150)
801-225-152	9	(J63517) — Miscellaneous Panels and Units for Use With Testboards
801-225-153	6	(J63516) — No. 17B Testboard
801-225-154	3	(J63519) — 17C Testboard
❶ 801-225-155	2	(J63529) — No. 17D Testboard
801-225-156	1	(J63531) — No. 17E Testboard
801-225-158	2	(J63527) — No. 19A Testboard
801-225-159	1	(J63530) — No. 20A Testboard
Addendum	1	
❶ 801-225-160	3	(J63532) — No. 21A Testboard
801-225-161	1	(J99267) — Remote Telegraph Testboard — Switch Frame
801-225-163	2	(J63524) — Circuit Patching Bay
801-225-180	4	Performance Requirements — Testboards No. 4, No. 5, No. 16, No. 17B, 17C and No. 18B
801-225-181	2	Performance Requirements — Amplifiers, Amplifier-Rectifiers, and Weighting Networks for Testing and Maintenance
801-225-182	1	Performance Requirements for Remote Telegraph Testboard Switch Frame
801-225-184	1	(J1C189) — Test Bus Control Unit (TBCU)
Transmission and Noise Measuring Equipment — Specifications		
801-250-150	10	(J94002) — 2-Type Panels, Units, and Portable Test Sets for Transmission Measuring
Addendum	1	
801-250-151	6	(J94003) — Noise Measuring Sets
801-250-152	6	(J94004) — Transmission Test Line or Test Trunk Equipment — Crossbar, Manual, Panel, Step-by-Step, PBX, or Toll Office
801-250-153	7	(J94005) — Using 1U and 1W Amplifier Rectifier (Analog TMS) or KS-20805 Transmission Measuring System (Digital TMS)
Addendum	3	
801-250-154	8	(J94006) — Transmission Measuring — 6-Type Noise Measuring Equipment
Addendum	1	
801-250-155	2	(J94007) — Transmission Measuring Carrier Frequency Noise — Measuring Set
801-250-157	3	(J94022) — Transmission Measuring — 22A Milliwatt Reference Meter

Number	Issue	Subject
Addendum	1	
801-250-158	5	(J94023) — 23-Type — Transmission Measuring Set
801-250-159	3	(J94024) — 24-Type — Subscriber Loop Transmission Checking Equipment
801-250-160	5	(J94025) — J94025-Type — Voiceband Gain and Delay Set
801-250-161	1	(J94026) — J94026 — Wideband Gain and Delay Set
801-250-162	4	(J94027) — 27-Type P/AR
801-250-163	7	(J94051) — 51-Type Automatic Transmission Measuring System — Transmission Measuring
801-250-165	8	(J94071) — 71-Type Milliwatt Reference Generators, Office Tone Sources, and Associated Distributing Arrangements
801-250-166	4	(J99254) — 54-Type Test Sets for Use With E6 and E7 Telephone Repeaters
Addendum	1	
801-250-167	10	(J93020) — Automatic Transmission Measuring System
801-250-168	4	(J93024) — Wideband Test Terminations (100 and 102 Type) — Echo Suppressor Test Termination (108 Type) — Test Line (107 Type) Equipment
801-250-169	2	(J94028) — Transmission Measuring — Continuity Test Circuits
Addendum	1	
801-250-170	2	(J94008) — 8-Type Tone Detector — Transmission Measuring
Addendum	1	
801-250-172	2	(J94052) — 52-Type Automatic Transmission Measuring System — Transmission Measuring
801-250-173	2	(J94054) — ATMS Interrogators and Associated Equipments
801-250-175	1	(J94056) — 56A Mini-Responder — Transmission Measuring
801-250-177	2	(J1C140) — Digital Access Timeslot Selector (DATS) — Transmission Test

Number	Issue	Subject
Performance Requirements Transmission and Noise Measuring Equipment		
801-270-180	1	(J64006B) — Amplifiers and Weighting Networks for Testing and Maintenance
801-270-181	2	(J68831A) — Visual Transmission Measuring Set

801-3 New Product Development Support

801-301 NS Gate Process

Number	Issue	Subject
■ 801-301-100	1	NS Views User Guide '~CIC Contact Dean Harmon x-6369

801-4 Line Balancing and Delay Equalizing, Repeating Coils, VF Repeaters, VF Maintenance, Radio and Carrier

Line Balancing, Delay Equalizing, Repeating Coils

Number	Issue	Subject
801-401-150	7	(J98607) — Line and Balancing — Repeating Coil Equipment Units — For Open- Wire or Cable Circuits — Arranged for CX Signaling
801-401-151	6	(J98616) — Line and Balancing — Impedance Compensator and Impedance Corrector — Panel and Bay Equipments
801-401-152	4	(J99292) — Amplitude and/or Delay Equalizing Units for Use With Voice Frequency Circuits
801-401-153	1	(J99347) — Amplitude and/or Delay Equalizing Units for Use With Voice Frequency Circuits

VF Repeaters and VF Maintenance

Number	Issue	Subject
801-405-150	3	(J98611) — E1 Telephone Repeater
801-405-151	6	(J98612) — E2 and E3 Telephone Repeaters and E-Repeater Test Set
801-405-152	8	(J99253) — E6 Telephone Repeaters and Unit and Bay Equipments for E6 and E7 Telephone Repeaters
801-405-153	1	(J99271) — E7 Telephone Repeaters
801-405-180	3	(J98611A) — Performance Requirements — E1 Telephone Repeater SD-95465-01

Number	Issue	Subject
801-405-181	3	Performance Requirements — E2 and E3 Telephone Repeaters
801-406-151	8	(J98615) — V4 Telephone Repeater — Bay Equipment Panels and Associated Terminating Equipment
Addendum	1	
801-406-152	2	(J98619) — Message and Signal Repeater for Long Subscriber Loops
801-406-160	10	(J99343) — Metallic Facility Terminal
801-406-161	2	(J99378) — Metallic Facility Terminal With Maintenance Access Provisions
801-406-162	3	(J99386) — Metallic Facility Terminal Connectorized Modular
801-406-163	3	(J99394) — Metallic Facility Terminal Connectorized Modular With Maintenance Access Provision
801-406-164	1	(J99400) Packaged Metallic Facility Terminal — Assemblies for Network Termination and Central Office Application
801-406-165	3	(J99401) — Metallic Facility Terminal — Special Arrangements and Mounting Equipment
801-406-166	1	(J99402) — Automated Transmission Terminal System (ATTS), Metallic— Metallic-Facility Treatment (MFT-5)
801-406-167	1	(J99403) — Automated Transmission Terminal System (ATTS) Provisioning Controller
801-406-180	4	Performance Requirements — V3 Telephone Repeaters
801-407-150	4	(J98617) — VF Bay Assemblies and Associated Equipment to Provide Transmission Features Such as Level Adjustment, Equalization, and Signaling
801-407-151	4	(J98620) — Miscellaneous Voice Frequency Equipment
801-407-152	3	(J98621) — Voice Frequency — Transmission Maintenance — Bays and Associated Panels
801-407-153	4	(J98624) — VF Bay Assemblies and Associated Equipment to Provide Transmission Features Such as Level Adjustment, Echo Suppression, Equalization, and Type F Signaling
801-407-154	6	(J99338) — Special Voice-Frequency Equipment for Use With Operator Services, Test Facilities or Similar Application
801-407-155	4	(J98625) — Range Extender With Voice Frequency Gain (Reg)
801-407-156	3	(J98626) — Unitized VF Terminal Equipment — F Type Signaling, A6 Carrier Channel Banks and Associated Equipments
Addendum	1	
801-407-159	2	(J98629) — Unitized VF Terminal Equipment — F Type Signaling, A6 Carrier Channel — Banks and Associated Equipments
801-407-160	2	(J98631) — Miniature Range Extender With Voice Frequency Gain (Mini-REG)
801-407-180	1	(J99338) — Performance Requirements — Switched Gain Repeater
Addendum	1	
801-408-150	3	(J99320) — Switched Maintenance Access System No. 1A
801-408-151	3	(J98622) — Relay Rack Equipment — Switched Maintenance Access System No. 3( )
Addendum	1	
801-408-152	1	(J99357) — Testboard No. 24A
801-408-153	3	(J99359) — Switched Maintenance Access System (SMAS)—Interface and DF Access (SMAS 4) Equipment for Use With SMAS 5A/RTS 5A Equipment to Provide a SMAS 5B/RTS 5A Network
801-408-154	3	(J99361) — Intertoll and Integrated Manual Test Frame (Testboard No. 25A)
801-408-155	1	(J99362) — Voice-Frequency Transmission — Status Display Frame
801-408-156	1	(J99363) — Voice-Frequency Transmission — Status Concentrator Frame

Number	Issue	Subject
Radio Specifications		
801-415-150	3	(J99303) — Short Haul Radio Systems — TJ, TL-2, and TM-1 — Application Specification
Addendum	1	
801-415-151	2	(J99262) — TL-1 Radio — Transmitter- Receiver Equipment — Order-Wire and Alarm Equipment
801-415-152	3	(J99296) — TL-2 Radio — Transmitter- Receiver, Order-Wire and Alarm Diversity Switch, Video, and Associated Equipment Common to Short Haul Radio Systems
801-415-153	3	(J99302) — TM-1 Radio — Transmitter- Receiver Equipment, Power Amplifier, and Associated Equipment — Common to Short Haul Radio Systems
801-415-155	1	(J99351) — TM-2 Radio — Transmitter- Receiver Equipment
Radio Performance Requirements		
801-415-180	1	TL Microwave Radio Transmitter-Receiver
801-415-181	2	TL-2/TM-1 Microwave Radio — Transmitter-Receiver
801-415-182	1	TM-A1 Power Amplifier
801-415-183	1	TM-1 Microwave Radio — TM-1 Transmitter Equipped With TM-B1 Power Amplifier
801-415-185	1	TM-2 Microwave Radio — Transmitter- Receiver
N1 Carrier		
Specifications		
801-430-150	13	(J98703) — N1 Terminal and Repeater — N1, O1, and ON-1 Miscellaneous Equipment
801-430-151	6	(J98704) — Order Wire and Alarm
801-430-152	2	(J99333) — N Carrier Telephone — Schedules A and B Program Terminal — Plug- In Units and Shop-Wired Terminal
Performance Requirements		
801-430-180	5	Terminal Mountings
801-430-181	4	N1 and ON1 Carrier Telephone Repeater Mounting
801-430-182	2	Order Wire and Alarm Circuits
801-430-183	1	Reversing Circuit and Associated Branch Circuits for Schedule A and B Program Transmission
801-430-184	2	Deviation Regulator
801-430-185	2	J98703BE Adjustable Deviation Equalizer — N and ON Carrier Telephone Systems
N2 Carrier		
Specifications		
801-431-150	8	(J99272) — Terminal Equipment — Plug- In Units and Shop-Wired Bays
801-431-151	6	(J99285) — Packaged Terminal Equipment
801-431-152	5	(J99321) — N Carrier Telephone — N2 Carrier Repeater
801-431-153	2	(J99323) — N Carrier Telephone — N2 Line Build-Out and Cross-Connecting Equipment
Performance Requirements		
801-431-180	1	Terminal Bays
N3 Carrier		
801-432-150	4	(J99300) — N3 Terminal, N3-L Type B or C Junction, and Common Carrier- Frequency Supply
Addendum	1	
801-432-151	3	(J99331) — N3-L Junction
801-432-155	3	Terminal Equipment — N4 Carrier Telephone
O, ON and ON/K Carrier		
Specifications		
801-435-150	7	(J98705) — O Carrier Telephone — Terminals and Repeaters
801-435-151	6	(J98706) — ON Carrier Telephone — Repeaters, Junction, and Multiplex Equipment
801-435-152	4	(J98709) — ON/K Carrier Telephone — Terminal, Repeater, and Junction Equipment

Number	Issue	Subject
Performance Requirements		
801-435-180	6	O1 Carrier Telephone Terminal Mountings
801-435-181	3	O1 Carrier Telephone Repeaters
801-435-182	2	ON1 Carrier Telephone Terminals and Junction Mountings
801-435-183	1	20 Channel-40 Channel Combining Circuit of ON1 Carrier Telephone for Radio
801-435-184	1	ON/K Carrier Telephone Terminal, Repeater, and Junction Mountings
801-435-185	1	ON/K Carrier Telephone Adjustable Deviation Equalizer
Loop Carrier		
801-440-001	1	(J1C142) — Pair Gain Test Controller (PGTC)
Addendum	1	
801-441-150	3	(J99332) — U-1 Subscriber Loop Carrier
801-441-151	2	(J98729) — Subscriber Loop Carrier-1 (SLC®-1)
801-444-170	1	KS-20988 Multi-Channel Subscriber Carrier
801-445-150	1	(J1C123) — Loop Switching System
801-450-103	3	(J1C128) — SLC-8 Subscriber Loop Carrier System
801-450-104	1	Subscriber Loop Carrier-96 — SLC-96 Channel Bank Equipment
801-450-105	1	(J1C171) — SLC-24 Subscriber Loop Carrier System
801-450-150	3	(J1C046) — Subscriber Loop Multiplexer
Addendum	1	
801-450-151	4	(J1C049) — Subscriber Loop Carrier-40 (SLC-40)

801-5 Digital Transmission Facilities

Channel Banks

Number	Issue	Subject
Specifications		
801-500-150	2	(J98731) — DSX-1, DSX-1C, and DSX-2 — Patch and Cross-Connect — Equipment Design Requirements — Common Systems
801-500-152	1	(J98735) — Digital Access and Cross- Connect System — System Application and Equipment Design Requirement
801-500-154	1	(J98739) P QUARK — Programmable Quantizer Analyzer and Record Keeper
801-505-150	3	(J98711) — D1 Channel Bank Equipment for Use With T1 Carrier
801-505-151	3	(J98713) — Wideband Data Equipment for Use With T1 Carrier
801-505-152	4	(J98714) — D2 Channel Bank Equipment for Use With Digital Transmission Systems
801-505-153	1	(J98718) — D3 Channel Bank Equipment for Use With Digital Transmission Equipment
801-505-154	1	(J98715) — Unitized D3 Channel Bank Bay With Optional SMAS
801-505-155	3	(J98726) — D4 Channel Bank Equipment for Use With Digital Transmission Systems
801-505-156	1	(J98732) — DCT Channel Bank Equipment for Use With Digital Transmission Systems
801-505-157	3	(J98733) — Voice Frequency Transmission — Unitized Digital Transmission Facilities Terminal, D4 Channel Banks With SMAS 3 or SMAS 5 Access Circuit
801-505-158	2	D4 Channel Bank Equipment Code List, Digital Transmission Systems
801-505-159	1	(J98473) — D5 Channel Bank and Controller Equipment For Use With Digital Transmission Systems
Performance Requirements		
801-505-180	1	T-1 Carrier Terminal Bay — (D1 Bank)
801-505-181	1	D2 Channel Bank
801-507-204	4	D5 Digital Terminal System Nonmechanized Ordering Guides NOTE: Includes binder, introduction, and tabs. To obtain contents of binder, order separately 801-507-205, -206, and -207.

Number	Issue	Subject
801-507-205	2	D5 System Nonmechanized Ordering Guide and Equipment Record for New D5 Digital Terminal System Equipment
801-507-206	2	D5 System Nonmechanized Ordering Guide and Equipment Record for Additions to Existing D5 Digital Terminal System Equipment
801-507-207	2	D5 System Nonmechanized Ordering Guide for D5 Digital Terminal System Plug-Ins
Transmission Lines		
Specifications		
801-523-150	4	(J98710) — T1 Carrier — System Requirements and Repeater Bay Equipment
801-523-151	2	(J98717) — T2 Digital Line — System Application Specification
801-523-152	2	(J98721) — T4M Digital Line — System Application & Equipment Design Requirements
801-523-153	1	(J98725) — T1C Carrier — System Requirements and Repeater Bay Equipment
801-523-156	2	(J98728) — T1/OS Digital Transmission System — Line and Terminal Equipment
801-523-166	1	(J98745) — Transversal Equalizer Bay — 90B Digital Regenerator
Performance Requirements		
801-523-180	1	T-1 Carrier — Office Repeater Bay
801-523-181	2	Carrier Alarm Circuit
801-523-182	1	T-1/OS Span Terminating Bay Circuits — Common Systems
801-523-183	3	(J98721A, B) — T4M Digital Coaxial Line — Span Terminating Frame
801-523-264	1	(J99383) Radio Line Terminating Frame (RLTF) and Radio Line Terminating Arrangement (RLTA) — 3A Radio Digital System (3A-RDS)
Multiplexer		
Specifications		
801-525-151	1	(J98716) — M1-2 Digital Multiplex System Application
801-525-153	3	(J98723) — M34 Digital Multiplex — Digital Transmission Facilities — System Application
801-525-154	2	(J98724) — Digital Transmission Facilities — M13 Digital Multiplex — System Application
801-525-155	1	(J98727) — M1C Digital Multiplex for T1C Carrier
801-525-157	1	(J98737) — M1C-A Digital Multiplex for T1C Carrier
Performance Requirements		
801-525-180	1	Digital Multiplex/Demultiplex Circuit, M1-2
801-525-181	1	M13 Digital Multiplex Circuit
801-525-183	1	M34 Digital Multiplex
801-525-184	1	Digital Multiplex/Demultiplex Circuit, Type M1C
801-525-185	1	(J98734M) — MX3 Multiplex Assembly
801-525-186	1	(J98734L) — MX3 Lightwave Terminating Multiplex Assembly
801-525-187	2	FT3 Line Repeater Bay
801-525-189	1	Digital Multiplex/Demultiplex — Circuit Type MIC-A

801-6 Alarm, Announcement, Selective Signaling, Warning, Alerting, Air Ground Communication, Code Calling, Reporting, Signaling Systems and Signaling Equipment

Alarms		
Specifications		
Addendum	1	
801-601-150	6	(J99202) — Central Office Fire Drill Equipment
801-601-151	6	(J99232) — Audible and Visual Alarm Equipment Units for Interconnection of No. 5 Crossbar With Other Systems (Dually Numbered With 819-752-150)
801-601-152	2	(J93009) — Central Office — Audible and Visual — Maintenance Alarm Equipment

Number	Issue	Subject
Addendum	2	
801-601-153	1	(NJ01046) — Central Office — Audible and Visual — Maintenance Alarm Equipment
801-601-154	7	(J98302) — Emergency Alarm System — Automatic Fire-Detection Feature
801-601-155	4	(J98303) — Emergency Alarm System Without Code Signaling
801-601-156	15	(J98304) — Alarm Transfer Equipment Units — No. 5 Crossbar and Common Systems (Also Numbered 819-751-150)
801-601-157	1	(NJ01078) — Central Office — Fuse Alarm — Maintenance Equipment
801-601-158	6	(J28350) — Emergency Alarm Systems With or Without Code Signaling Including Automatic Fire-Detection Feature
801-601-159	1	(NJ01207) — Unattended Office — Audible and Visual — Maintenance Alarm Equipment
801-601-181	1	(NJ01046) — Central Office Alarm System — Strapping and Interconnection Instructions

Announcement Systems

Specifications

Addendum	1	
801-603-150	9	(J95403) — Announcement Supply Equipment
Addendum	1	
801-603-151	3	(J95410) — 2B — For Subscriber Operated Announcement Service
801-603-152	1	(J95418) — No. 2D
Addendum	1	
801-603-153	6	(J95411) — No. 3A — Equipment Design Requirements
801-603-154	4	(J95415) — Emergency
801-603-155	5	(J95416) — No. 4A
Addendum	1	
801-603-156	5	(J95417) — No. 6A — For Machine Intercept Service
Addendum	1	
801-603-157	3	(J95420) — 8A
Addendum	1	
801-603-158	5	(J95419) — No. 9A
801-603-159	2	(J99276) — No. 11A
801-603-160	3	(NJ02506) — Apartment Door Answering Service
801-603-161	6	(NJ02500) — Automatic Number Announcer and Verification Units
801-603-162	1	(J1C012) — Recorded Announcement Frame — Variable Message Length, Modular Message, Phased Message Announcement Service and Message Synthesis Service
801-603-163	1	(J1C121) — 13A — For Recording and Reproducing Dial Facilities Management Announcements
801-603-165	1	(J1C194) — 14A Announcement System
801-603-170	1	No. 6A — Machine Intercept

Performance Requirements

801-603-180	1	Announcement Machine Intercept Circuits
801-603-181	2	No. 3A
801-603-182	3	124B Amplifier

Selective Signaling

801-605-150	7	(J99252) — SS1
801-605-151	1	(J98614) — Telephone Order Wire Equipment — Using SS1

Warning, Air-Ground Communication, Alerting

801-606-150	5	(J99237) — Civil Air Defense Warning System
801-606-153	2	(J99245) — Air-Ground Voice Communication System
Addendum	1	
801-606-155	7	(J95421) — Group Alerting System

Code Call

801-607-150	6	(J58822) — 3A Code Call Unit
801-607-180	1	3A Code Call Circuit

Number	Issue	Subject
Reporting		
Addendum	1	
801-608-150	6	(J99244) — 520A Emergency Reporting System
801-608-151	6	(J99246) — 520B Emergency Reporting System
Addendum	1	
801-608-154	4	(J99257) — 520D Emergency Reporting System
Addendum	1	
801-608-155	3	(J99251) — 520E — Industrial Emergency Reporting System
801-609-152	3	(J92617) — E2 Status Reporting and Control System — Central and Remote Bays — Summarizing Specification — Operations Support System
801-609-153	1	(J92618) — E2 Status Reporting and Control System — Equipment Units
Signaling Systems		
MF Pulsing		
801-620-150	6	(J95102) — Receiving Equipment
801-620-151	7	(J98609) — Multifrequency Current Supply for AC Keysets and Multifrequency Pulsing Senders
801-620-152	2	(J99337) — Receiver
801-620-153	2	(J1C011) — Multifrequency Supply and Distribution Units
801-620-154	1	(J99353) — Multifrequency Receivers and Transmitters for Use in Electronic Central Offices
801-620-155	1	(J99373) — Multifrequency Interface Units
801-620-156	1	(J99385) — Dual Channel Receiver Unit
801-620-157	1	(J99389) — Coin Tone Receiver
801-620-170	2	The Multifrequency Pulsing System
801-620-180	3	(J98609) — Performance Requirements — Multifrequency Pulsing Supply
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801-621-150	2	(J99266) — Receiver
801-621-151	3	(J99289) — Receiver — Type A3
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801-621-152	3	(J99322) — Centralized Touch-Tone Calling Equipment for PBX Services — PBX and Common Systems (Dually Numbered With 809-140-153)
801-621-154	1	(J99374) — Touch-Tone Calling Receiver
801-621-155	2	(J99388) — Touch-Tone Signaling Receivers — Type H
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801-630-150	3	(J1C015) — Metallic Terminal System
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801-640-151	5	(J98603) — Simplex Signaling Equipment Units for D-C Supervisory and Dial Pulse Signaling
801-640-152	5	(J98604) — Combination Type "B" Composite Signaling, Repeating Coil, and CX Set Equipment Units for Transmitting and Receiving Supervisory and Dial Pulses
801-640-153	10	(J98605) — Miscellaneous Trunk, Signal Converting, and Signal Repeating Equipment Units for Repeating Signals or Converting Type "B" Composite or Simplex Signals to Dial Pulses or Supervisory Signals
801-640-154	10	(J98606) — Type "B" CX Signaling — Signaling Equipment Units and Associated Network Equipment for Transmitting and Receiving Supervisory Signals and Dial Pulses
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801-641-150	1	(J95113) — B1 Frequency Shift Pulsing — Transmitting Equipment

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801-642-150	15	(J98613) — E-Type — AC Trunk Signaling System
801-642-170	2	2400- or 2600-Cycle Single-Frequency Signaling System
801-642-180	3	Performance Requirements — 2400- or 2600-Cycle Supply Unit — (SD-98092- 01) and Load Transfer Unit (SD-98091- 01)
801-642-181	3	Performance Requirements — 2000-Cycle Supply Unit J98613AJ and Load Transfer Unit J98613W
801-642-182	1	(J98613B) — 2600-Cycle Supply Unit (SD- 98080-01) — Performance Requirements
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801-643-150	9	(J99335) — AC Trunk Signaling System
801-643-155	1	(J99349) — Customer Premises — Signaling and Transmission Equipment
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801-644-150	2	(J99395) — SF Signaling System — Type G, Standalone Bay
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801-644-151	1	(J99396) — SF Signaling System — Type G, Consolidated Bay
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801-644-152	1	(J99397) — SF Signaling System — Unitized Terminal Equipment — G-Signaling/N4 Carrier With SMAS
ANI-B Identifier Units		
801-650-150	1	(J1C081) — For Use With No. 1 or 1A Automatic Message Accounting Recording Center

801-7 Picturephone Equipment

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801-701-152	1	(J99341) — Wideband Remote Switch and Wideband Supplementary Remote Switch Frames
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801-8 Electronic Switching Type Equipment

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801-801-151	2	(J1C035) — Teletypewriter Equipment for Use With 1 ESS™ Switch in the Same or Distant Building
801-801-152	2	(J1C037) — Station Identification Frame — PBX Automatic Identified Outward Dialing — Type A2
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801-801-153	3	(J1C000) — Station Identification Frame — PBX Automatic Identified Outward Dialing — Type A1
801-801-154	3	(J1A050) — Protector Frame — 1 ESS Switching System
801-801-155	2	(J1A054) — Lineup Cable Racks and Cross- Aisle Cable Troughs for 7-Foot Framework
801-801-158	3	(J99360) — CCIS Terminal Unit
801-801-162	1	(J99399) — CCIS Data Set Frame
801-801-180	1	PBX Automatic Identified Outward Dialing — Performance Requirements — No. 1 and No. 5 Crossbar LAMA and ANI Offices — Panel and Step-by-Step ANI Offices
801-801-181	1	PBX Automatic Identified Outward Dialing — Type A2 — Performance Requirements — No. 1 and No. 5 Crossbar LAMA and ANI Offices — Panel and Step-by-Step ANI Offices
801-801-182	2	Central Office Engineering — General Engineering Information — Cable Distribution Systems and Systems Assembly in Electronic Offices Using 7-Foot Frameworks

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801-820-150	3	(J1C020) — Processor Frame
801-820-151	7	(J1C021) — Control and Display Program Tape and Teletypewriter Frame
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801-820-158	1	(J1C028) — Limiting Conductor Conditions
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801-820-160	3	(J1C083) — Common ESS Switch —IGFET Store Frame and SSAS Announcement Store
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801-820-161	2	(J1C030) — Peripheral System Interface Frame — Stored Program Control No. 1B
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801-822-150	1	(J1C050) — Equipment Design Requirements
801-822-152	2	(J1C052) — Main Store
801-822-153	1	(J1C053) — Tape Data Controller — Electronic Switching Systems
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801-822-155	1	(J1C055) — System Status Panel Controller
801-822-156	1	(J1C056) — System Status Panel Relay Unit
801-822-157	2	(J1C057) — Processor Frame Power Unit
801-822-158	1	(J1C058) — Processor Frame
801-822-160	1	(J1C060) — Maintenance Frame — Common ESS
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■ 801-900-160	2	AT&T Network Equipment Development Standards (NEDS) Generic Requirements (1-95)
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Division 802

Equipment Design and General Requirements and Engineering Information — Power Systems

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802-002-150	6	(J86421) - J2 and "K" Carrier — Main Repeater and Terminal Stations — Power Requirements

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802-028-151	1	(J87353) - Precise Busy Tone Supply for Small Step-by-Step Offices
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802-029-150	12	(J86212) - Small Ringing and Signaling Equipments

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802-029-153	1	(J86643) - Ringing Equipment — HV Ringing & -72V Distribution for No. 5 Crossbar Long Loop Range Extenders
802-029-154	1	(J86889) - Ringing and Tone Supply — Battery and Batteryless Operation — For 810A PBX
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802-029-155	1	(J85528) - 891A 0.5 Ampere — Auxiliary Ringing, Tone and Cadence System for Central Office — Nonswitched Load Applications
802-029-160	2	(J86294) - Ringing Demand Meter Equipment — For Use on 1/4-, 1/2-, 1-, 2-, 4-, and 6-Ampere 20-Hz Ringing Plants
802-030-150	1	(J86733) - Filter Units — VHF Interference Suppression
802-032-150	2	(J86276) - Cable Current Meter — Calibrating Unit
802-033-150	12	(J86725) - AC Low-Voltage and Automatic Engine Alarm Equipments
802-033-151	4	(J87253) - Power Supply Transfer and Alarm Unit — Semiconductor Type — -24 Volt Input
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802-034-152	3	(J86743) - AC Reserve Energy System — Universal Engine Control
802-034-154	4	(J85520) - Microcomputer Controller for Standby Engine-Alternator Sets
802-034-155	2	(J85529) - Microcomputer Controller for Analog Circuit Processing
802-035-150	1	(J87339) - Rectifier Sequence Control Unit — For 100, 300, 400, and 700 Type Power Plants
802-035-151	1	DC-to-DC Converter Plant — Control Panel — Equipment Design Requirements — Power Systems
802-036-150	1	(J85517) - Triport — 208 VAC/48 VDC Input — 208 VAC 5.6 KVA 60 Hz Single Phase Output
802-036-151	2	(J85518) - Triport Power Supply — 208- VAC/48-VDC Inputs — 208V and 120V Single-Phase 60-Hz 11.2- or 5.6-KVA Output
802-036-155	1	(J85526) — AC Triport II UPS — 208- VAC/48-VDC Input — 208-VAC 5.6- KVA 60-Hz Single-Phase Output
802-036-156	1	(J85527) — Triport II UPS — 208-VAC/48- VDC Input — 120-VAC 5.6-KVA 60-Hz Single-Phase Output
802-036-157	1	(J87462) — Reserve Energy System

802-1 Regulators, Battery and Charging Equipments, Control and Fuse Boards, and Power Distributing Equipment

Regulators

802-101-156	1	(J86246) - Voltage Regulator — Electronic Type — For 20-Cycle Motor Generator Sets
802-102-150	2	(J86253) - Regulator — Electronic Speed and Contact Type Voltage
802-102-156	3	(J86268) - Voltage Regulator — Magnetic Type — 115/230-Volt AC Line Regulation
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802-103-150	7	(J87214) - Voltage and Current Regulator — Semiconductor Type — For Single and 3-Phase PNPN Rectifiers
802-103-151	2	(J87277) - Voltage and Current Regulator — Semiconductor Type — For 3-Phase PNPN Rectifiers
802-104-150	3	(J86459) - Voltage Regulator and Alarm Equipment — For A2A and A2B Video Systems — 115 Volts, 480 Volt Amperes

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802-105-150	1	(J87279) - Regulator — Semiconductor Type — -19 Volts, 4.0 Amperes
802-106-150	3	(J87324) - Voltage Regulator — Semiconductor Type — +18 Volts 1.2 Amperes and -18 Volts 1.2 Amperes Output +24 Volts and -24 Volts Input
Battery Equipments		
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802-125-150	4	(J87120) - For 702C and 708A Power Plants
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802-125-151	6	(J87122) - Battery Stand Equipments — For 24- and 48-Volt Power Plants
802-125-152	10	(J87109) - Battery Framework and Stand Equipments for Small Power Plants — 24 and 48 Volts, 10 to 120 Amperes
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802-126-150	4	(J87110) - Battery Stand Equipments for 301C Power Plants — 24 and 48 Volts, 4000 Amperes
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802-126-151	4	(J87115) - Battery Stand Equipments for 302A and 302B Power Plant
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802-126-152	3	(J87121) - Battery Stand Equipments for 48-Volt 303A Power Plants
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802-126-153	5	(J87117) - Battery Stand Equipments — For 410-, 411-, 412-, 413-, and 414-Type Power Plants — 1 to 120 Amperes
802-127-001	1	(J85504) - For 24- or 48-Volt Power Plants
802-127-150	2	(J87123) - For 24-Volt Power Plants — Using KS-20472 Cells and KS-20760 Stand Parts
802-127-151	1	(J87124) - For 48-Volt Power Plants — Using KS-20472 Cells and KS-20760 Stand Parts
802-127-152	1	(J87125) - Battery Stand Equipment for 140-Volt Power Plants Using KS-20472 Cells and KS-20760 Stand Parts
802-127-153	1	(J87126) — Battery Stand Equipment for 130-Volt Power Plants Using KS-20472 Batteries and KS-20760 Battery Stand Parts
802-127-154	1	(J87127) — Battery Stand Equipment for 24-Volt Power Plants in Hardened 2 and 10 PSI and Earthquake Areas — 2-Tier 2-Row Battery Stand Using KS-20472 Batteries and KS-20760 Battery Stand Parts
802-127-155	1	(J87128) — Battery Stand Equipment for -48 Volt Power Plants in Hardened 2 and 10 PSI and Earthquake Areas Using KS-20472 Batteries and KS-20760 Battery Stand Parts
802-127-157	1	(J87130) - For 140-Volt Power Plants — Located in Earthquake and 10 PSI Environments — Using KS-20472 Cells and KS-20760 Stand Parts
802-127-158	1	(J87131) - Battery Stand Equipment for KS-20472 Batteries and KS-20760 Stand Parts in a 50 PSI Nuclear Blast Environment
Charging Equipments		
802-151-156	9	(J87260) - For 111A, 303A, 326A, and 326B Power Plants — 24 Volts, 100 to 800 Amperes
Addendum	1	
802-151-160	5	(J87249) - Regulated — 24 to 30 Volts, 4 Amperes DC
802-152-151	10	(J87246) - Charging Equipment for 301C, 302A, and 302B Power Plants — Negative 24 and 48 Volts, 100 to 1600 Amperes
802-153-150	9	(J87261) - For 111A, 303A, 326A, and 326B Power Plants — 48 Volts, 100 to 800 Amperes
802-156-150	7	(J86284) - For 702C Power Plants — 130 Volts, 100 to 200 Amperes
Control and Fuse Boards and Power Distributing Equipment		
Addendum	1	
802-175-150	10	(J86323) - Main Control Board — For 302A and 302B Power Plants — 24 and 48 Volts, 100 to 10,000 Amperes

Number	Issue	Subject
802-175-154	2	(J85516) - Control Unit for Charge- Discharge Circuits — 24 Volt or 48 Volt Power Plants
802-175-156	1	(J85540) - Control and Distribution Unit for the 130 and 131 Type — Power Plants
802-175-157	1	(J85501) - For 24- or 48-Volt Power Plants
Addendum	1	
802-185-150	8	(J86322) - Battery Control Boards — For 302A and 302B Power Plants — 24 and 48 Volts, 2000 to 10,000 Amperes
Addendum	3	
802-185-151	3	(J86325) - Battery Control Boards — For 702C Power Plants — ±125 to ±135 Volts, 50 to 1000 Amperes
802-185-153	6	(J86327) - Battery Control and Discharge Fuse Bays — for 303A Power Plant — 24 and 48 Volts, 0 to 2000 Amperes
802-185-185	1	Performance Requirements — For J86327 (303A) Power Plant Equipment
802-195-150	4	(J86324) - Battery Distributing Fuse Boards
802-195-151	2	(J86328) - Battery Distributing Boards
802-195-152	5	(J86329) - Battery-Distributing Circuit Breaker Board
802-195-153	2	(J86330) - Battery-Distributing — Fuse Board
802-195-154	2	(J86331) - Battery or Power Distributing Fuse Boards
Addendum	1	
802-195-155	3	(J86334) - DC Power Distributing Frame
802-195-156	1	(J85521) - Power Distributing Frame — No. 1, 1A, 2, 2B ESS™, AIC No. 1A IN AIS, No. 4A CCIS/STP and TSPS No. 1

802-2 Inverter and Converter Equipments

Inverter Equipment

802-202-150	5	(J87266) - Inverter — 20 Hz DC-AC — 86 Volts, 6 Amperes
802-202-151	2	(J87295) - Inverter — 20 Hz DC-AC — 86 Volts, 0.25 Ampere
802-204-150	2	(J87274) - Inverter — Semiconductor Type — Regulated — 1300 VA, 60 Hertz — 230 Volts, 5.65 Amperes AC
802-204-151	1	(J85539) - 48-Volt DC Input — 120 Volt, 60 Hz, 300 to 1500 VA Output
802-205-150	1	(J87322) - Inverter — 20 Hz DC-AC — 86 Volts, 1.5 Amperes
802-205-151	1	(J87326) - Inverter — 20 Hz DC-AC — 86 Volts, 0.5 Ampere
802-205-152	1	(J87337) - Inverter — 20 Hz, 86 Volts -0.25 Ampere Output — -48 Volts DC Input — For 810A PBX
802-205-155	1	(J87415) — Inverter — 20 Hz DC-AC — 86 Volts, 0.5 Amperes
Addendum	2	
802-206-150	4	(J87428) - 59.5 Hz, 1.5 kW, 120 Volts — Single Phase
Addendum	2	
802-206-151	2	(J87429) — 59.5 Hz, 5 kW, 120 Volts — Single Phase

Converter Equipment (See also Power Supplies)

802-213-150	2	(J87407) - DC-to-DC Converter — Semiconductor Type— Regulated +3 Volt or -3 Volt and 4 Ampere Output — +140 and Two +24 Volt Inputs — No. 4 Toll Electronic Switching System
802-213-151	2	(J87399) - DC-to-DC Converter — Semiconductor Type — Regulated +3 Volt or -3 Volt and 8 Ampere Output — +140 and +24 Volt Inputs — No. 4 Toll Electronic Switching System
802-213-152	2	(J87409) - DC-to-DC Converter — Semiconductor Type — Regulated +3 Volt and 8 Ampere Output — -48 and Two +24 Volt Inputs — Common Channel Interoffice Signaling for No. 4A Toll Crossbar System

Number	Issue	Subject
802-213-153	3	(J87389) - DC-to-DC Converters — Semiconductor Type-Regulated — Numbers 1A, 2B, 3, 4ESS™, TSPS and No. 5 ETS — -48 Volt and +24 Volt Inputs — +3V or -3V, 4A DC Output; +3.030V, 5A DC Output; +6V, 3A DC Output; +5V, 4A DC Output; +8.35V or -8.35V, 1.5A DC Output;+3.030V, 8A DC Output, -1V to -13V, 2A DC Output — +24 Volt Input — +3V or -3V, 2A DC Output; +5V, 2.5A DC Output
802-214-150	4	(J87380) - DC-to-DC Converter — Multiple Outputs — -48 Volt Input
802-214-157	3	(J87421) - DC-to-DC Converter — -48 Volt and Two +24 Volt Inputs — +5.000 Volt, 6 Ampere Output or +5.000 Volt, 7 Ampere Output — TSPS, No. 2B ESS, No. 3 ESS, and No. 5 ETS
802-215-150	1	(J87285) - DC to DC — 6 Volt, 11 Ampere DC Output — -48 Volt DC Input
Addendum	1	
802-215-151	3	(J87248) - For 101-Type ESS Control Unit — DC to DC — Regulated — 6 Volts 20 Amperes DC Output — 12 Volts 40 Amperes DC Output — 24 Volts 25 Amperes DC Output — -48 Volt DC Input
Addendum	2	
802-215-152	2	(J87293) - DC-to-DC Semiconductor Type — Regulated — 6.6 Volt, 84 or 126 Ampere DC Output — 24 Volt DC Input
Addendum	1	
802-215-153	1	(J87298) - For Use in No. 2 ESS Power Plant — DC to DC — Regulated — 6.7 Volt, 200 Ampere DC Output — 48 Volt DC Input
802-215-154	1	(J87340) - DC-DC — Semiconductor Type — Regulated — +6.6 Volt, 30 Ampere DC Output — +24 Volt, DC Input
Addendum	1	
802-215-155	1	(J87311) - Regulated — +6.2 Volt, 50 Ampere Output — +24 Volt Input
802-215-157	1	(J87372) - DC-to-DC, Semiconductor Type, Regulated — +6 Volt, 5-Ampere DC Output — +12 Volt, 0.75-Ampere DC Output — -24 Volt DC Input
802-215-158	2	(J87379) - DC to DC — Semiconductor Type — Regulated — -6.2 Volt 8- Ampere DC Output — +5.2 Volt 1.2- Ampere DC Output — -24 Volt DC Input
802-216-160	2	(J87368) - DC-to-DC Regulated — +9.25- Volt, 10-Ampere Output — 140-Volt Input
802-217-154	1	(J87344) - DC to DC — +6.6 Volts, 60 Amperes Output — -48 Volts, 10.5 Amperes Input — For 810A PBX Battery Reserve Power Plant
802-217-155	1	(J87345) - DC to DC — +11 Volts, 4 to 16 Amperes Output — +24 Volts, 2.4 Amperes Input — For 810A PBX — Battery Reserve Power Plant
802-218-150	3	(J87204) - DC to DC — Regulated — +12 Volt, 1.5 and 2.0 Ampere DC Output — -48 Volt DC Input
802-218-151	1	(J87268) - DC to DC — Regulated — +12 Volt, 0.75 Ampere DC Output — -24 Volt or -48 Volt DC Input
Addendum	1	
802-218-152	1	(J87263) - DC-to-DC Semiconductor Type — Regulated — +12 Volt, 0.7 Ampere Output — -48 Volt Input
802-218-153	1	(J87284) - DC to DC — 12 Volt, 11 Ampere DC Output — -48 Volt DC Input
802-218-154	2	(J87308) - DC to DC — Regulated — ±24 Volt, 3 Ampere DC Output — -48 Volt DC Input
802-218-155	1	(J87388) DC to DC — Semiconductor Type — Regulated — +12 Volt 0.7-Ampere Output -24 Volt DC Input
❶ 802-218-156	1	(J87377) - DC-to-DC, Regulated — +12.1 Volt, 2-Ampere DC Output — -12.1 Volt, 2-Ampere DC Output — -5.5 Volt, 9-Ampere DC Output — -48 Volt DC Input

Number	Issue	Subject
Addendum	2	
802-218-158	1	(J87378) - DC-to-DC — Regulated — -24 Volt Input — +12.1 Volt, -12.1 Volt, and -5.5 Volt Output
Addendum	1	
802-218-159	1	(J87411) - Power Supply Circuit — Semiconductor Type — Regulated — Numbers 1A and 4ESS — -48 Volt and +24 Volt Inputs — +12V, 10.5A Output; +6V, 9.3A Output, +3.06V, 17A Output — -3V, 12A Output; -12V, 10.5A Output
802-219-160	2	(J87422) - DC-to-DC Converters — Semiconductor Type — Regulated — No. 2B and No. 3 ESS, TSPS, and No. 5 ETS — -48 Volt, Two +24 Volt, and +5 Volt Inputs — +12V 2.0A and — 5V 0.05A Outputs
802-220-150	1	(J87287) - DC-to-DC Semiconductor Type — Regulated — ±18 Volt, 1.4 and 0.25 Ampere DC Output — +24 and -48 Volt DC Input
802-223-150	3	(J87304) - For Voice Frequency Transmission Systems — DC-to-DC Semiconductor Type — Regulated — 24-Volt, 5-Ampere DC Output — 48-Volt DC Input
Addendum	2	
802-223-151	2	(J87294) - DC-to-DC Semiconductor Type- Regulated — -24 Volt, 13 Ampere DC Output — +24 Volt DC Input
802-223-152	1	(J87283) - DC to DC — 24 Volt, 9 Ampere DC Output — -48 Volt DC Input
802-223-153	3	(J87338) - +24V DC, 16.0 Amperes Output — 24 Volts DC Input
Addendum	1	
❶ 802-223-154	2	(J87310) - Converter — Regulated — (+ or -) 18 or 24 Volt, 16 Ampere Output — +24 Volt Input
Addendum	1	
802-223-156	1	(J87371) - DC-to-DC Regulated — 24-Volt, 100 Ampere Output — 140-Volt Input
802-223-157	2	(J87361) - DC-to-DC Regulated + or -24 Volt, 40-Ampere DC Output — + or -48 Volt DC Input
802-223-159	1	(J87456) - Converter DC-to-DC Regulated — ±24 Volt 50-Ampere Output — +140 Volt Input
802-223-160	1	(J87461) - DC-to-DC Regulated Converter — +24 Volt 30 Ampere Output — -48 Volt Input — Equipment Design Requirements — Power Systems
802-224-160	2	(J87288) - DC to DC — Regulated — -25 Volt, 2.5 Ampere DC Output — -20 to -26 Volt DC Input
802-224-161	2	(J87297) - DC to DC — Regulated — 25 Volt, 10 Ampere DC Output
802-226-151	1	(J87391) - DC to DC — Semiconductor Type — Regulated — +48 Volts 2 Ampere Output — -48 Volts Input
802-226-152	1	(J87306) - DC to DC — Converter — +48 Volt 48 V DC, 4.0 Ampere Output – 24V DC Input
802-226-153	2	(J87400) - DC to DC Regulated — 48-Volt, 50-Ampere Output — 140-Volt Input
Addendum	1	
802-226-155	1	(J87408) Converter DC-to-DC Regulated ±48 Volt 100-Ampere Output — ±140 Volt Input
802-226-156	1	(J87457) Converter DC-to-DC Regulated ±48 Volt 50-Ampere Output — +140- Volt Input
Addendum	1	
802-227-150	1	(J87307) - DC-to-DC Semiconductor Type — Regulated — -72 Volt, 9 Ampere Output, -48 Volt DC Input
802-230-152	1	(J87305) - DC to DC Converter — ±130V DC, 3.33 Amperes Output — 24 Volts DC Input
802-230-154	1	(J86879) - 670A Converter Power Plant — +130V or -130 V DC, 10.0 Amperes Output — -24V DC Input
802-234-150	3	(J87271) - DC-to-DC Semiconductor Type — 250 Volt, 5 Ampere DC Output — 130 Volt DC Input
802-234-151	1	(J87290) - DC-to-DC Semiconductor Type — 250 Volt, 0.015 Ampere DC Output — 3 to 10.5 Volt DC Input

Number	Issue	Subject
802-240-150	6	(J87303) - 0- to 1800-Volt, 520-Milliampere DC Output — 24-Volt DC Input
802-242-150	1	(J87331) - DC-to-DC Converter — -48 Volt Input — +48, -42, +24, -48 Volt Outputs
Addendum	1	
802-243-150	1	(J87332) - For PBX-AIOD-A2 — 6 Volts, 10 Amperes DC — 12 Volts, 6 Amperes DC — 24 Volts, 0.5 Ampere DC
802-244-150	4	(J87334) - DC-to-DC — 25-Volt, 3.5 Ampere DC Output — 20-26 Volt DC Input
Addendum	1	
802-290-150	1	(J87356) - Converter, DC-DC — Semiconductor Type, Regulated for TH3 Radio Systems

802-3 Power Supplies

General

Number	Issue	Subject
802-300-151	4	(J86858) - For L4 and L4S Coaxial System
802-300-152	2	(J87321) - 1 and 10 Milliampere — Constant Current — 117 Volts AC Input for L4 Coaxial System
Addendum	1	
802-300-154	1	(J87397) - Remote Repeater Power Feed Terminal for Subscriber Loop Multiplexer System
❶ 802-301-150	1	(J86847) - Precise Tone, Interrupter, Transfer, and Alarm for Use With 4 Wire No. 5 Crossbar AUTOVON — 0.18 to 1.47 Volts, 1 Volt-Ampere, 350, 440, 480, and 620 Hz Tones
802-301-155	1	(J86223) - Filament Supply — Regulated — 6.3 Volts, 0.6 and 1 Ampere DC — 6.3 Volts, 1.5 Amperes AC
802-301-156	4	(J86857) - Nonreserve or Reserve Plants — +6.6, ±24, -48, and ±86 Volts, 0 to 120 Amperes
Addendum	1	
802-301-160	2	(J87296) - Semiconductor Type — Ferroresonant Regulation — +300 Volts, 0.13 Ampere DC — -150 Volts, 0.01 Ampere DC — -40 Volts, 0.01 Ampere DC — -24 Volts, 0.95 Ampere DC— ±6.4 Volts, 3.9 Amperes AC
Addendum	1	
802-301-165	3	(J87276) - Rectifier — Semiconductor Type — Ferroresonant Regulation — +24 Volts, 6 and 12 Amperes DC — +6.6 Volts, 38 Amperes DC — -24 Volts, 2 Amperes DC
802-301-166	2	(J87292) - Semiconductor Type — Ferroresonant Regulation — +24 Volts, 20 and 24 Amperes DC — +6.6 Volts, 84 Amperes DC — -24 Volts, 11 Amperes DC
Addendum	1	
802-302-150	1	(J87213) - Semiconductor Type — Manual Regulation — 11 Volts, 6 Amperes DC — 135 Volts, 0.375 Ampere DC
Addendum	1	
802-302-156	1	(J87203) - Semiconductor Type — Manual Regulation — -11 Volts, 2 Amperes DC — 135 Volts, 0.125 Ampere DC
Addendum	1	
802-302-160	2	(J87220) - Power Supply — Semiconductor Type — Ferroresonant Regulation — 16.8 Volts 75 Amperes DC
802-304-151	3	(J87252) - Semiconductor Type — Regulated — -20 Volts, 2.5 Amperes
Addendum	1	
802-304-152	1	(J87300) - Remote Test Voltage Supply Unit — +20 to +200 Volts, 0.001 to 0.07 Ampere — -116 Volts, 0.015 Ampere
802-304-153	9	(J86498) - For T-1 Carrier and No. 1 Traffic Service Position Systems — ±24, -48, +48 Volts DC
802-304-155	1	(J86489) - Semiconductor Type — Unregulated — ±15 Volts, 0.5 Ampere DC — 20 and 48 Volts, 1 and 0.2 Ampere AC
802-304-156	3	(J87412) - For T4M Digital Line — 0 to + and -960 Volt, 835 Milliampere DC Output — +140 Volt DC Input
802-305-150	4	(J87216) - Semiconductor Type — Automatic Regulation — -21 Volts, 2.0 Amperes

Number	Issue	Subject
802-305-151	5	(J87245) - DC-to-DC Semiconductor Type — Automatic Regulation — -21 Volts, 4 Amperes DC — -24 Volts, 3.5 Amperes DC
Addendum	1	
802-305-152	1	(J87320) - Semiconductor Type — Regulated Rectifier — +24 Volts, 0.75 Amperes — -24 Volts, 1.25 Amperes
Addendum	2	
802-309-150	3	(J86496) - ±24 Volts, 0 to 30 Amperes DC
802-309-152	1	Performance Requirements — For J86496 Power Supply — ±24 Volts, 0 to 30 Amperes
802-309-153	3	(J87255) - Semiconductor Type — Ferroresonant Regulation — -24 Volts, 16 Amperes DC
802-309-154	4	(J87254) - Semiconductor Type — Ferroresonant Regulation — -24 Volts, 48 Amperes DC
802-309-156	1	(J87281) - Semiconductor Type — Ferroresonant Regulation — -40.5 Volts 50 Milliamperes DC Output
Addendum	1	
802-315-150	2	(J86878) - For 761B PBX System — Ringing, Tones, and Interruptions — ±48 Volts, 0.3 and 4.4 Amperes DC — 10 Volts, 1.3 Amperes AC — -130 Volts, 0.05 Ampere DC
802-315-152	1	(J87358) - Semiconductor Type — Ferroresonant Regulation -24 Volts 0.6 Amp DC Talk, -24 Volts 10 Amp DC Signal, ±10 Volts 0.3 Amp AC for 805A PBXs
802-315-153	1	(J87416) - Converter for PBX-A10D-A2 -48 VDC Input — 6 VDC 10A, 12 VDC 6A, 24 VDC 1A Outputs
802-321-150	2	(J87327) - For D2 Channel Bank — +5V — 12.2 Amp — -5V — 3.2 Amp — -12V — 3.3 Amp — +24V — 4.4 Amp — -24V — 2.0 Amp — +32V — 0.11 Amp — -32V — 0.07 Amp

Number	Issue	Subject
Radio Systems		
Addendum	2	
802-340-150	2	(J86835) - For TD3 Radio System Traveling Wave Tube — -7.5 Volts, 0.95 Ampere DC — 60 to 500 Volts, 0.001 Ampere DC — 1420 Volts, 0.04 Ampere DC — 2500 to 2900 Volts, 0.01 Ampere DC
802-340-151	1	(J86890) - Converter — For TD3 Radio System Traveling Wave Tube — -7.5 Volts, 0.95 Ampere DC — 60 to 500 Volts, 0.001 Ampere DC — 1420 Volts, 0.04 Ampere DC — 2500 to 2900 Volts, 0.01 Ampere DC
802-340-152	1	(J87325) - Converter Regulator — +130V Input, +475V, 100 mA Output — TD2 Radio
Addendum	2	
802-341-154	2	(J86853) - DC Power Supply — For TM Radio Traveling Wave Tubes
Addendum	1	
802-341-155	2	(J86886) - For 464A Traveling Wave Tubes — TH3 Radio Systems
802-341-160	1	(J87259) - For TJ Microwave System — AC Power Equipment
802-341-161	6	(J86473) - For TJ Radio Systems — 6.5 to 650 Volts, 0.005 to 2.0 Amperes DC — 5.3 to 117 Volts, 0.25 to 8.2 Amperes AC
802-343-150	2	(J86499) - For TL Radio System — -20 to -600 Volts, 0.01 to 1.88 Amperes DC — 43 Volts, 0.01 Ampere AC
802-343-151	4	(J87256) - For TL-2 and TM-1 Radio Systems — Semiconductor Type — Regulated— +6.4 Volts, 0.8 Ampere DC — -20 to -600 Volts, 0.01 to 1.1 Ampere DC — 43 Volts, 0.01 Ampere AC
Addendum	1	
802-343-160	1	(J86843) - For TM Radio System Traveling Wave Tube — 6.5 Volts, 0.95 Ampere DC 700 Volts, 0.001 Ampere DC — 1200 Volts, 0.035 Ampere DC — 2300 Volts, 0.01 Ampere DC
802-350-150	1	(J87431) - Power Supply for Traveling Wave Tubes — AR6A Radio System

Number	Issue	Subject
802-350-151	1	(J87449) - Regulator and Converter — Multiple Outputs — -24 Volt Input

802-4 Rectifiers (See also Power Supplies)

Tube Type

Addendum	1	
802-404-151	9	(J86227) - Regulated — 300 Volts, 0.22 Ampere DC

Tube and Semiconductor Type

Addendum	1	
802-408-150	6	(J86240) - Automatic Regulation — 130 Volts, 8 and 9 Amperes DC
Addendum	1	
802-409-150	15	(J86207) - Tube and Semiconductor Types — Regulated — 17 to 18 Volts, 0.1 to 30 Amperes DC

Semiconductor Type — Unregulated

802-411-150	3	(J87201) - 2.5 Volts, 200 Amperes DC — 5 Volts, 200 Amperes DC
Addendum	1	
802-411-160	8	(J86248) - For Key Telephone Systems — 20 Volts DC and 10 Volts and 18 Volts AC
802-414-150	12	(J86205) - Unregulated and Manually Regulated — 3.5 to 24 Volts, 0.1 to 6 Amperes
802-414-151	2	(J87323) - +24 Volt 1.3 Ampere, -24 Volt 1.3 Ampere Output — 117 Volts AC, 60 Hz Input
802-414-152	2	(J87341) - +24 Volt 1.2 Ampere, -24 Volt 1.2 Ampere Output — 117 Volts AC, 60 Hz Input

Semiconductor Type — Manual Regulation

802-419-150	3	(J86257) - 12 Volts, 22 Amperes
802-420-150	5	(J86256) - 120 and 130 Volts, 0.45 and 0.8 Ampere
Addendum	1	
802-421-150	2	(J86278) - 135 Volts, 0.125 and 0.375 Ampere
Addendum	1	
802-421-156	7	(J86254) - 190 and 200 Volts, 0.7 Ampere
Addendum	1	
802-422-150	5	(J86255) - 315 Volts, 0.4 Ampere

Semiconductor Type — Automatic Regulation

802-425-150	1	(J86298) - 4 Volts, 3 Amperes
802-425-156	2	(J87275) - 9 Volts, 100 Amperes
Addendum	3	
802-425-161	5	(J86244) - 12 Volts, 200 Amperes
802-425-162	1	(J87357) - Rectifier — Input: 117 Volts RMS, 60 Hertz — Outputs: Regulated +33 Milliamperes — Regulated +30, +45,+60, +75 or +105 Volts — Regulated -14 Volts
802-425-166	2	(J87247) - 17 to 26 Volts, 1.5 to 2.0 Amperes
802-426-150	2	(J87207) - 24 Volts, 1.5 Amperes
Addendum	1	
802-426-151	3	(J87232) - 24 Volts, 30 Amperes
Addendum	1	
802-426-152	8	(J87222) - 24 Volts, 100 Amperes
Addendum	3	
802-426-153	4	(J87211) - 24 and 48 Volts, 11 Amperes
Addendum	1	
802-426-156	1	(J87328) - Automatic Ferroresonant Regulation — 24 Volts, 15 Amperes
Addendum	1	
802-426-157	1	(J87329) - Automatic Ferroresonant Regulation — 48 Volts, 15 Amperes
Addendum	1	
802-426-160	1	(J87417) - ±24 Volts DC, 100 Amperes — Automatic Regulation — KS-20491
Addendum	3	
802-428-150	2	(J87233) - 48 Volts, 30 Amperes
Addendum	1	
802-428-151	9	(J87223) - 48 Volts, 100 Amperes
Addendum	1	
802-428-156	1	(J87418) - -48 Volts DC, 100 Amperes — Automatic Regulation — KS-20493

Number	Issue	Subject
802-432-150	7	(J87228) - 130 Volts, 10 Amperes
802-432-151	7	(J87229) - 130 Volts, 30 Amperes
Addendum	1	
802-432-152	8	(J87224) - 130 Volts, 100 Amperes
802-433-150	1	(J87346) - 230 Volts — 60 Hz Input — -19 Volts — .175 Ampere Output TH-1 Radio Systems
Semiconductor Type — Ferroresonant Regulation		
Addendum	1	
802-440-150	2	(J87221) - -3 Volts 3.5 Amperes DC— +60 Volts 0.15 Ampere DC — +145 Volts 0.045 Ampere DC
Addendum	1	
802-440-155	3	(J87419) - For CSS-201 DIMENSION® PBX — +19.5V 1.1A, +16.0V 0.5A, +12.0V 1.4A, +9.0V 4.0A, +5.1V 1.25A, +5.1V 35.5A, +5.0V 0.5A, -5.1V 2.5A, -9.0V 3.5A, -48.0V and -48.0 FV 7.0A DC Output — 117V, 8A, 60 Hz AC Input and +9.0V 5A, +5.1V 20.5A, +5.0V 0.5A, -5.1V 3.5A, -9.0V 4.5A, -48.0V and -48.0 FV 7.0A DC Output — 117V, 8A, 60 Hz AC Input
802-441-150	2	(J87272) - -12 Volts, 0.125 Ampere DC — +12 Volts, 0.6 Ampere DC — +26 Volts, 0.25 Ampere DC — +155 Volts, 0.004 Ampere DC — +200 Volts, 0.04 Ampere DC
Addendum	1	
802-441-151	3	(J87212) - +12 Volts, 0.66 Ampere DC — -12 Volts, 0.28 Ampere DC — +12 Volts, 0.135 Ampere DC, -12 Volts, 0.135 Ampere DC
802-441-154	1	(J87432) - List of Power Supplies
Addendum	1	
802-442-150	1	(J87267) - ±17.5 Volts, 1.6 and 3.2 Amperes DC
Addendum	1	
802-443-151	3	(J87208) - ±18 Volts, 0.275 Ampere DC
802-443-152	1	(J87270) - ±18 Volts, 0.5 and 1.5 Amperes DC
802-443-153	1	(J87258) - ±18 Volts, 0.65 Ampere DC
Addendum	1	
802-443-160	3	(J87239) - ±20 Volts, 0.25 Ampere DC
Addendum	2	
802-443-161	2	(J87215) - ±20 Volts, 0.5 Ampere DC
Addendum	1	
802-443-162	3	(J87240) - ±20 Volts, 0.50 Ampere DC
802-444-151	3	(J87234) - -24 Volts
802-444-152	1	(J87282) - -22.5 Volts, 60 to 100 Milliamperes DC Output
802-444-158	2	(J87434) - Rectifier — 24 Volts, 35 Amperes
802-444-159	2	(J87436) - Rectifier — 24 Volts, 100 Amperes
802-444-160	3	(J87438) - Rectifier 24 Volts, 200 Amperes
802-444-163	1	(J87447) - Rectifier — 24 Volts, 15 Amperes
802-446-150	2	(J87241) - -48 Volts, 0.7 Ampere
Addendum	1	
802-446-152	4	(J87205) - 48 Volts, 8 Amperes
802-446-153	1	(J87342) - 6.6 Volts, 60 Amperes DC — For 810A PBX — Batteryless Power Plant
802-446-154	1	(J87343) - 24 Volts, 20 Amperes DC — For 810A PBX — Batteryless Power Plant
802-446-155	1	(J87347) - 48 Volts, 15 Amperes DC — For PBX — Batteryless Power Plant
802-446-161	2	(J87435) - Rectifier 48 Volts, 35 Amperes
802-446-162	2	(J87437) - Rectifier — 48 Volts, 100 Amperes
802-446-163	3	(J87439) - Rectifier — 48 Volts, 200 and 180 Amperes
802-446-166	1	(J87448) - Rectifier — 48 Volts, 15 Amperes
Metallic Type — Manual Regulation		
802-460-161	5	(J86220) - 10 Volts, 12 Amperes
Addendum	1	
802-460-166	2	(J86277) - 11 Volts, 2 and 6 Amperes

	Number	Issue	Subject
	802-465-155	3	(J86265) - 130 Volts, 0.2 Ampere
	802-465-156	2	(J86258) - 130 Volts, 0.65 Ampere
	802-466-150	3	(J86259) - 250 Volts, 0.35 Ampere
	Metallic Type — Automatic Regulation		
	Addendum	1	
	802-471-150	2	(J86241) - 24 Volts, 1 Ampere
	802-473-150	1	(J86281) - 48 Volts, 7.5 Amperes

802-5 Submarine Cable Systems

❶	802-501-150	2	(J86806) - Ground Supply Bay for SD Submarine Cable System
❶	802-501-151	1	(J86860) - Ground Supply Bay for SF Submarine Cable System
❶	802-502-150	3	(J86469) - Common Control Bays — 2800 Volts, 0.26 Ampere DC
❶	802-502-151	1	(J87291) - Equipment Units for Use With SF Submarine Cable Power and Ground Supplies
❶	802-503-150	2	(J87209) - Power Equipment Units for SD Submarine Cable System
❶	802-503-151	1	(J87301) - Plug-In Units for SF Submarine Cable Power and Ground Supplies
❶	802-510-150	1	(J87218) - Inverter for SD Submarine Cable Systems — Semiconductor Type — Automatic Regulation — 5 Volt- Amperes, 400 Cycles — 4.1 Volts, 0.03 Ampere AC — 16.6 Volts, 0.04 Ampere DC — 55 Volts, 0.09 Ampere AC
❶	802-510-151	1	(J87251) - Inverter for Short Haul SD Submarine Cable Systems — Semiconductor Type — Regulated — 300 VA, 1200 Cycles — 100 Volts, 0 to 0.2 Ampere — 660 Volts, 0.45 Ampere
❶	802-515-150	1	(J86819) - Power Supply for Terminal SD Submarine Cable Systems — 420 Volts, 0.389 Ampere DC
❶	802-515-151	4	(J86275) - Power Supply — Regulated — 1900 to 3200 Volts, 0.26 Ampere
❶	802-515-152	4	(J86467) - Power Supplies for Terminal and Shipboard Submarine Cable Systems — 2800 Volts, 0.26 Ampere DC
❶	802-515-153	4	(J86468) - Power Supply — Regulator Bays — 2900 Volts, 0.26 Ampere DC
❶	802-515-154	3	(J86804) - Power Supplies for Terminal and Shipboard SD Submarine Cable Systems — 6500 Volts, 0.225 to 0.43 Ampere DC
❶	802-515-155	3	(J86805) - Power Supply Equipment for Terminal and Shipboard SD Submarine Cable Systems — 6500 Volts, 0.37 and 0.43 Ampere DC
❶	802-515-181	2	Performance Requirements for J86467 Power Supply
❶	802-516-150	1	(J86844) - DC Power Supply — 2500 or 5000 Volts 0.136- Ampere Constant Current for SF Submarine Cable System
	802-517-150	2	(J86902) - Constant Current DC Power Supply 2500-, 5000-, or 7500-Volt 0.657- Ampere for Use With SG Submarine Cable System
	802-517-151	2	(J87413) - Equipment and Plug-In Units for SG Submarine Cable Power Supply
	802-517-152	1	(J86924) - Short Range SF Submarine Cable Power Supply — 0- to 1800-Volt, 136- Milliampere DC Output 48-Volt DC Input
	802-525-150	4	(J86460) - Power Supplies for Terminal and Submarine Cable Plants
❶	802-525-151	1	(J86852) - Equipment Bays for Use With SF Submarine Cable Power Supplies
	802-525-180	1	Performance Requirements — For J86460 Submarine Cable System

802-6 Power Plants — Miscellaneous and 100-Type

	Miscellaneous		
	802-601-151	6	(J86822) - Automatic Regulation — 24 Volts, 48 Amperes

Number	Issue	Subject
Addendum	1	
802-601-152	9	(J86440) - 24 Volts, 1, 1.5, 6, and 12 Amperes DC
802-601-180	3	Performance Requirements — For J86440A Power Plant — 24 Volts, 6 and 12 Amperes
802-601-181	2	Performance Requirements — For J86440B Power Plant — Filament Supply — 24 Volts, 1.5 Amperes
802-601-182	1	Performance Requirements — For J86440C Power Plant — 24 Volts, 1 Ampere
802-605-150	2	(J86483) - For TH-1 Radio System
Addendum	1	
802-606-153	4	(J86454) - For Type "0" Carrier Terminals and Repeaters — 130 Volts, 0.42 to 0.84 Ampere
Addendum	1	
802-608-150	2	(J86859) - 2-Wire No. 2 Electronic Switching System and Automatic Intercept Center — No. 1A in Automatic Intercept System — 6.7 Volts, 200 Amperes
Addendum	1	
802-610-150	2	(J86811) - For Traffic Data Summarizer — -3, -17.5, and -48 Volts, 3.5, 1.6, and 8 Amperes DC — +16.8, +17.5, +60, and +145 Volts, 75, 3.2, 0.15, and 0.045 Amperes DC
802-612-150	4	(J86431) - For Teletypewriter Switching Unit 81C1 — 48 and 115 Volts DC — 120 Volts AC
802-612-153	2	(J86453) - For 81D1 Teletypewriter Switching System — 48 Volts, 100 Amperes DC — 130 Volts, 20 Amperes DC — 120/208 Volts AC
802-612-154	4	(J86658) - 3B20 Simplex — Power Conditioning Cabinet
802-612-180	1	Performance Requirements — For J86431 Power Plant — 48 Volts DC
802-612-181	1	Performance Requirements — For J86431 Power Plant — 115 Volts DC
802-612-184	1	Performance Requirements — For J86453 Power Plant — 48 Volts DC
802-612-185	1	Performance Requirements — For J86453 Power Plant — 130 Volts DC
802-616-150	1	(J86848) - For PBX-A10D — 6 Volts, 11 Amperes DC — 12 Volts, 11 Amperes DC — 10 Volts, 13.6 Amperes AC
802-620-150	6	(J86635) - For 800A and 801A PBX Systems — -48 Volts 7 Amperes DC — +24 Volts 16 Amperes DC — -24 Volts 0.8 Ampere DC — 10 Volts 0.3 Ampere AC — 10 Volts 2 Amperes AC
802-620-151	1	(J86887) - 6.6, 24 and 48 Volts Supplies — For 810A PBX — Batteryless Operation
802-620-152	1	(J86888) - 6.6 Volt Supply — For 810A PBX — Battery Reserve Operation
802-624-150	4	(J86833) - For 1A or 1B Telephone Answering System — -24 Volts, 4 Amperes DC — 10 Volts, 0.3 Ampere AC — 15 Volts, 1.0 Ampere AC
802-626-150	5	(J86818) - For 2A Automatic Call Distributing System — Batteryless Operation — -48 Volts, 8 Amperes DC — 10 Volts, 17 Amperes AC
Addendum	3	
802-626-151	3	(J86828) - For 2A Automatic Call Distributing PBX System — Battery Reserve Operation — -10 and -48 Volts, 11 and 20 Amperes DC
802-626-152	5	(J86830) - For 3A Automatic Call Distributing System — Battery Reserve Operation—+10 Volts, 20 Amperes — Zip Tone, and 117-Volts AC Supplies
802-627-150	8	(J86812) - For No. 400 Switching System — -48 Volts, 8 Amperes DC — +48 Volts, 0.1 Ampere DC — 10 Volts, 2.1 Amperes AC
802-628-001	2	(J85500) — LINEAGE® 2000 Battery Plant — 24 or 48 Volts — 0 Through 6400 Amperes — Equipment Design Requirements — Power Systems

Number	Issue	Subject
100-Type		
802-652-153	5	(J86566) - 101E Power Plant — 20 to 24 Volts, 15 and 30 Ampere-Hours
Addendum	2	
802-652-155	8	(J86731) - 101G Power Plants — For Use On Subscriber Premises — 20 Volts, 0.6 and 0.9 Ampere DC — 10 and 18 Volts, 1.4, 2.8, and 17 Amperes AC — 20 Cycle Ringing
Addendum	1	
802-652-157	5	(J86471) - 101J Power Plant — 18 or 24 Volts, 4 Amperes DC — 18 Volts, 1.6 Amperes AC — 10 Volts, 5 Amperes AC
802-652-158	1	(J86897) - 101K Power Plant — 110 Volts, 30 Hertz AC — -10 Volts, 3 Amperes and -24 Volts, 2 Amperes DC With 15-Ampere-Hour Battery Reserve
Addendum	1	
802-653-153	10	(J86466) - 102F Power Plant — 24 Volts, 100 Ampere-Hours DC — 48 Volts, 50 Ampere-Hours DC
802-653-180	1	Performance Requirements — For J86802 (102G) Power Plant
802-654-150	6	(J86423) - 103B Power Plant — 48 and 75 volts, 0.6 Ampere DC
802-654-180	1	Performance Requirements — For J86423 (103B) Power Plant
Addendum	1	
802-656-151	5	(J86516) - 105C Power Plant — 48 Volts, 3, 10, and 20 Amperes DC
802-656-152	10	(J86446) - 105D — 48 Volts, 10, 25, and 40 Amperes DC
Addendum	1	
802-656-153	12	(J86814) - 105E Power Plant — 24 and 48 Volts, 30 Amperes DC
802-656-180	1	Performance Requirements — For J86446 (105D) Power Plant
Addendum	1	
802-659-150	12	(J86572) - 110A Power Plants — 24 Volts, 10 to 120 Amperes DC — 48 Volts, 10 to 400 Amperes DC
Addendum	1	
802-659-151	3	(J86455) - 110B Power Plant — 24 Volts, 5 to 80 Amperes DC
Addendum	1	
802-659-160	14	(J86470) - 111A Power Plant — 22 to 26, 44 to 50, or 44 to 52 Volts — 0 to 800 Amperes — Positive or Negative Ground
802-659-180	2	Performance Requirements — For J86572 (110A) and J86455 (110B) Power Plants
802-659-186	1	Performance Requirements — For J86470 (111A) Power Plant
802-669-150	2	(J86866) - 130A Power Plant — ±24 Volts, 0 Through 70 Amperes
802-669-160	2	(J86867) - 131A Power Plant — -48 Volts, 0 Through 70 Amperes
802-669-161	2	(J85522) - 131B Battery Power Plant — 48V, 0 Through 70 Amperes DC
802-669-162	3	(J85525) - 131C, 131D, and 131F Battery Power Plants — -48 Volts, 0 Through 70 Amperes DC
802-670-150	2	(J86868) - 132A Power Plant — ±24 Volts, 0 Through 140 Amperes
802-670-151	3	(J86918) - 132B Power Plant — ±24 Volts, 0 Through 140 Amperes
802-670-160	2	(J86869) - 133A Power Plant — -48 Volts, 0 Through 140 Amperes
802-670-161	3	(J86919) - 133B Power Plant — -48 Volts, 0 Through 140 Amperes
802-679-151	3	(J86871) - 150B Power Plant ±24 Volts, 0 Through 600 Amperes
802-679-152	2	(J86928) - Battery Plant — 24 or 48 Volts, 0 Through 800 Amperes
802-679-160	2	(J86872) - 151A Power Plant — 48 Volts, 0 Through 400 Amperes — Positive or Negative
802-679-161	2	(J86873) - 151B Power Plant — -48 Volts, 0 Through 600 Amperes

Number	Issue	Subject
802-679-162	1	(J86917) - 151C Power Plant -48 Volts, 0 Through 600 Amperes — Equipment Design Requirements — Power Systems
802-680-150	3	(J86908) - 152A Power Plant — 24 Volts, Positive or Negative — 0 Through 1200 Amperes
802-680-160	3	(J86909) - 153A Power Plant - 48 Volts Negative — 0 Through 1200 Amperes
802-681-150	3	(J86910) - 154A Power Plant — 24 Volts, Positive or Negative — 0 Through 2400 Amperes
802-681-160	3	(J86911) - 155A Power Plant — 48 Volts Negative, 0 Through 2400 Amperes

802-7 Power Plants — 200-, 300-, and 400-Types

300-Type

Addendum	2	
802-726-150	4	(J86434) - 302A Power Plant — 24 and 48 Volts, 0 to 10,000 Amperes DC
802-726-151	1	(J86636) - 302B Power Plants — Negative 24 and 48 Volts — 0 to 10,000 Amperes
802-726-180	3	Performance Requirements — For J86434 (302A) Power Plant — 24 Volts, 0 to 10,000 Amperes — 48 Volts, 100 to 10,000 Amperes
802-727-150	6	(J86874) - 326A Power Plant — Combined Positive 24 Volts and Negative 48 Volts — 0 to 10,000 Amperes
802-727-151	2	(J86896) - 326B Power Plant — Combined Positive 24 Volts and Negative 48 Volts — 0 to 6000 Amperes

400-Type

Addendum	1	
802-751-150	2	(J86577) - 403A Power Plant — 130 Volts, 0.1 to 0.6 Ampere DC
Addendum	1	
802-751-152	3	(J86436) - 403C Power Plant — 130 Volts, 0.18 Ampere DC
802-751-180	1	Performance Requirements — For J86577 (403A) Power Plant — 130 Volts, 0.6 Ampere
802-751-181	1	Performance Requirements — For J86592 (403B) Power Plant — 125 or 130 Volts, 0.1 Ampere
802-751-182	2	Performance Requirements — For J86436 (403C) Power Plant — 130 Volts, 0.18 Ampere
802-754-150	9	(J86584) - 410A Power Plant — 130 Volts, 1 to 25 Amperes — Using Regulated Rectifiers
Addendum	1	
802-754-151	5	(J86465) - 410B Power Plants — ±130 Volts, 1 to 80 Amperes DC
802-754-160	3	(J86862) - 411A Power Plant — Positive and Negative — 63 Cell, 130 Volts, 120 Amperes — Using Duct-Type Framework
802-754-161	3	(J86863) - 411B Power Plant — Positive and Negative — 63-Cell, 130 Volts, 120 Amperes — Using Cabinet Framework
802-754-180	1	Performance Requirements — For J86584 (410A) Power Plant
802-754-181	1	Performance Requirements — For J86465 (410B) Power Plant
802-755-150	4	(J86864) - 412A Power Plant — Positive and Negative — 66 Cells, 130 Volts, 120 Amperes — Using Duct-Type Framework
802-755-151	3	(J86865) - 412B Power Plant — Positive and Negative — 66-Cell, 130 Volts, 120 Amperes — Using Cabinet Framework
802-755-160	4	(J86826) - 413A Plant — 70-Cell Float and Recharge Equipment for Motor- Alternator and Inverter Plants
802-755-163	2	(J86892) - 414B — Position Operation — 59-Cell, 125 Volts, 10 Amperes — Using Cabinet Framework
802-755-166	1	(J86875) - 415A Power Plant — +140 Volt DC Operation — 70-Cell Float and Recharge Equipment
802-755-167	1	(J87132) - Power Equipment for 415A Power Plant

Number	Issue	Subject
802-757-150	11	(J86578) - 420A Power Plant — For Auxiliary Repeater Stations With AC Power Service — 152 Volts, 30 Amperes DC — 55 and 60 Volts AC
802-759-150	9	(J86443) - 425A Power Plant — AC Service Equipment — For 12, 24, 130, and 250 Volt Power Plants
802-759-151	8	(J86439) - 425 A Power Plant — Filament Supply — -12 Volts, 60 to 800 Amperes
802-759-152	3	(J86832) - 425A Power Plant — Filament Supply — -12 Volts, 60 to 1600 Amperes
802-759-153	1	(J86435) - 425A Power Plant — Plate and Filament Supplies — -12, -24, +130, and +250 Volts
Addendum	1	
802-759-154	6	(J86437) - 425A Power Plant — Plate Supply — 130 Volts, 0.5 to 20 Amperes DC
802-759-155	5	(J86438) - 425A Power Plant — Plate Supply — 250 Volts, 0.5 to 20 Amperes
802-759-156	4	(J86837) - 425A Power Plant — +250 Volts, 0.5 to 20 Amperes DC
802-759-160	2	(J86452) - 425B Power Plant — Plate and Filament Supplies — 12-, 24-, 130-, and 250-Volt Power Plants
802-759-161	4	(J86450) - 425B Power Plant — Plate and Filament Supplies — -12 Volts, 22 Amperes DC — +130 Volts, 0.65 Ampere DC — +250 Volts, 0.35 Ampere DC
802-759-162	1	(J86449) - 425B Power Plant — Plate Supply — 130 Volts, 0.5 to 5 Amperes DC — With 30 Ampere Charge Signal Supply
802-759-180	3	Performance Requirements — For J86439 (425A) Power Plant — Filament Supply — -12 Volts, 800 Amperes
802-759-181	3	Performance Requirements — For J86437 (425A) — Plate Supply — 130 Volts, 20 Amperes
802-759-182	3	Performance Requirements — For J86438 (425A) Power Plant — Plate Supply — 250 Volts, 20 Amperes
802-759-186	1	Performance Requirements — For J86450 (425B) Power Plant — 12 Volts, 22 Amperes — 130 Volts, 0.65 Ampere — 250 Volts, 0.35 Ampere
802-759-187	1	Performance Requirements — For J86449 (425B) Power Plant — Plate Supply — 130 Volts, 5 Amperes — With 30- Ampere Charge Signal Supply
802-760-150	5	(J86442) - 426A Power Plant — ±130 Volts, 0.5 to 40 Amperes
802-760-180	1	Performance Requirements — For J86442 (426A) Power Plant — ±130 Volts, 0.5 to 40 Amperes

802-8 Power Plants — 500-, 600-, and 700-Types

500-Type

Number	Issue	Subject
802-801-150	8	(J86527) - 501A Power Plant — For Busy or Idle Line Indicating Lamps — 5 to 8.5 Volts, 59 Amperes AC
802-802-161	10	(J86617) - 504B Power Plants — Emergency AC Supply Units — 208/120 Volts, 1.85 and 6.25 KVA AC
802-802-186	1	Performance Requirements — For J86611 (504A) Power Plant — 110, 115, and 230 Volts
802-802-187	3	Performance Requirements — For J86617 (504B) Power Plant
Addendum	1	
802-804-154	6	(J86448) - 505D Power Plant — L3 Carrier 2-Motor Alternator Equipment — 230 Volts, 10 and 16 KVA AC
802-804-181	1	Performance Requirements — For J86426 (505C) Power Plants — Using Motor- Alternators for Stand-By Supply
802-804-182	1	Performance Requirements — For J86426 (505C) Power Plant — Using Motor- Alternator Continuously
802-804-183	1	Performance Requirements — For J86426 (505C) Power Plant — Auxiliary Charging Equipment
802-804-184	2	Performance Requirements — For J86447 and J86448 (505D) Power Plants

Number	Issue	Subject
802-805-150	10	(J86724) - 506A Power Plant — 12 Volts, 0.1 KVA AC — 20 or 22 Volts, 0.25 and 0.75 KVA AC — 22 Volts, 50 VA, 0.5 and 1.5 KVA AC
802-806-186	3	Performance Requirements — For J86476 (508A) Power Plant — Continuous 230 Volts AC
802-810-150	2	(J86840) - 520A — Continuous 230 Volt AC Power
802-810-180	2	Performance Requirements — For J86840 (520A) Power Plant — 230 Volts
802-811-150	2	(J86854) - 521A Power Plant and Combination 505D and 521A Power Plants — L3 Carrier Inverter Plant
802-811-185	1	Performance Requirements — For J86447 and J86854 (521A) Power Plants — L3 Carrier Inverter Plant
802-813-150	5	(J86641) - 523A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 1.5 kW, 117 Volts, Single-Phase
802-813-180	3	Performance Requirements — For J86641 (523A) or J86642 (524A) Power Plant — General Purpose Inverter Plant With Regular and Reserve Supply
802-814-150	4	(J86642) - 524A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 5 kW, 117 Volts, Single-Phase
802-815-160	1	(J86651) - 526A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 8.0 KW, 120 Volts, Single-Phase

600-Type

Addendum	1	
802-852-150	5	(J86497) - 610A Power Plant — DC-to-DC Converter — Positive or Negative — 130 Volts, 3.0 Amperes Output — -48 Volt Input
Addendum	1	
802-852-151	6	(J86801) - 601B Power Plant — ±120 and ±130 Volts, 0.75 Ampere
802-852-152	1	(J86803) - 610C Power Plant — -24 Volts, 5 Amperes DC
802-852-153	6	(J86807) - 610D Power Plant — 48 Volts, 1.5 Amperes DC
802-852-154	1	(J86901) - 610F Power Plant — Negative 48-Volt DC to Positive 65-Volt DC — 3-Ampere Converter
Addendum	1	
802-854-160	1	(J86894) - 620A Plant — Using DC-to-DC Converters — 24 Volts, 600 Amperes Output — 140 Volts Input
802-854-162	2	(J86922) - 620C Converter Frame — DC- to-DC Regulated — 24-Volt, 0- to 300- Ampere Output — +140-Volt Input
802-854-163	2	(J86925) - 620C Power Plant — DC-to-DC Regulated — 24-Volt, 0- to 600-Ampere Output on Each of Two Buses — 140- Volt Input
802-855-165	2	(J86898) - 625A — Using DC-to-DC Converters — 48 Volts, 300 Amperes Output — 140 Volts Input
Addendum	1	
802-855-166	1	(J86903) - 625B Power Plant — DC-to-DC Regulated — 48-Volt, 0- to 300-Ampere Output — 140-Volt Input
802-855-167	2	(J86923) - 625C Converter Frame — DC- to-DC Regulated — 48-Volt, 0- to 300- Ampere Output — +140-Volt Input
802-855-168	2	(J86926) - 625C Power Plant — DC-to-DC Regulated — 48-Volt, 0- to 600-Ampere Output on Each of Two Buses — 140- Volt Input
802-855-170	1	(J86907) - 625F Power Plant DC-to-DC Regulated — 48-Volt, 0- to 1800-Ampere Output — 140-Volt Input
802-857-150	2	(J86900) - 630A Power Plant — Using DC-to-DC Converters — 24 Volts, 300 Amperes and — 48 Volts, 150 Amperes Output — 140 Volts Input
Addendum	1	
802-862-150	6	(J86809) - 651A Power Plant — Using DC-to-DC Converters — ±130 Volts, 2 and 5 Amperes DC

Number	Issue	Subject
802-865-150	5	(J87309) - 660-Type Power Plant — Using DC-to-DC Converters — ±130 Volts Output, 48 Volts Input
Addendum	1	
802-865-151	5	(J86882) - 660A Power Plant — Using DC-to-DC Converters — +130 or -130 Volts Output — -48 Volts Input — 7-Foot Duct Framework
Addendum	1	
802-865-152	5	(J86883) - 660B Power Plant — Using DC-to-DC Converters — +130 or -130 Volts Output — -48 Volts Input — 7-Foot Cabinet Framework
Addendum	1	
802-865-153	5	(J86884) - 660C Power Plant — Using DC-to-DC Converters — +130 0r -130 Volts Output — -48 Volts Input — 9-Foot Duct Framework
802-865-161	1	(J86905) - 662A Converter Power Plant for Dial-Tone-First Operator Coin Trunks and Miniaturized Dial Long Lines Circuits
802-865-162	1	(J86912) - 663A Converter Power Plant for Coin Control Circuits
802-865-163	1	(J86913) - 663B Converter Power Plant for Coin Control and T1 Carrier Circuits
802-865-164	2	(J86914) - 663C Converter Power Plant for T1 Carrier Circuits
802-865-166	1	(J86920) - 664A Converter Power Plant — General Use Plant
802-866-152	2	(J86880) - 671A Power Plant — +48V or -48V DC, 16.0 Amperes Output — -24V DC Input
802-866-153	3	(J87811) - 672A Power Plant — +24V DC, 48.0 Amperes Output — -24V DC Input
802-866-157	1	(J86915) - 673A Converter Power Plant for C1 Alarm and Miscellaneous Equipment in TD-2 Radio Bays
802-866-158	2	(J86921) - 673B Converter Power Plant for Equipment in TD-2 Radio Bays
802-867-150	3	(J86891) - 680A Power Plant — 0- to 1150-Volt, 910-Milliampere DC Output — -24 Volt DC Input
802-867-151	1	(J86899) - 680B Power Plant — 0- to 1150-Volt, 835- and 910-Milliampere DC Output — +140 Volt DC Input
802-867-156	1	(J86904) - 681A Converter Power Plant for TD2 Radio

700-Type

Addendum	1	
802-871-150	3	(J86475) - 702C Power Plant — ±125 to ±135 Volts, 50 to 1000 Amperes
802-871-180	2	Performance Requirements — For J86475 (702C) Power Plant — 130 Volts, 50 to 1000 Amperes
802-872-186	1	Performance Requirements — For J86583 (704B) Power Plant
802-872-187	1	Performance Requirements — For J86590 (704C) Power Plant
802-874-150	8	(J86827) - 708A Power Plant — ±130 Volts, 1000 Amperes

802-9 Power Plants — 800- and 900-Types

800-Type

802-901-150	1	(J86458) - 801E Power Plant — 20 Cycle ± Continuous Ringing Supply — 105 Volts, 0.5 Ampere
802-901-156	5	(J86523) - 802B Power Plant — 1000 Cycle Ringing Machine Equipment
Addendum	1	
802-902-151	9	(J86555) - 803C Power Plants — 20-Cycle Machine Ringing Equipment — KS- 15816 Ringing and Coin Control Machines — 84 to 88 Volts Ringing, 6 Amperes AC — 115 to 120 Volts Coin Control, 0.5 Ampere DC
Addendum	1	
802-902-157	5	(J86451) - 804C Power Plants — 20-Cycle Machine Ringing Equipment — 84 to 88 Volts, 1 Ampere

Number	Issue	Subject
802-902-158	2	(J86477) - 804D Power Plant — 20-Cycle Emergency Machine Ringing Equipment — KS-15532 Ringing Machine — 84 to 88 Volts, 1 Ampere
802-902-181	2	Performance Requirements — For J86555 (803C) Power Plant
802-902-186	1	Performance Requirements — For J86451 (804C) Power Plant — Ringing and Signaling
802-903-181	1	Performance Requirements — For J86428 (805C) Power Plant
Addendum	2	
802-904-151	9	(J86596) - 806D Power Plants — 20-Cycle Machine Ringing Equipment — KS-5546 Ringing Machines — 72 to 88 Volts, 0.25 Ampere — 75 to 110 Volts, 0.5 Ampere — 84 to 88 Volts, 0.5 Ampere
802-904-152	5	(J86445) - 806E Power Plant — Machine Ringing Equipment — 84 to 88 Volts, 0.25 Ampere — 94 to 101 Volts, 0.25 Ampere — 102 to 110 Volts, 0.25 Ampere
Addendum	3	
802-904-153	4	(J86456) - 806F — 20-Cycle Machine Ringing Equipment — 84 to 88 Volts, 0.25 Ampere — 90 to 120 Volts, 0.1 Ampere — 94 to 101 Volts, 0.25 Ampere — 102 to 110 Volts, 0.25 Ampere
Addendum	1	
802-904-154	4	(J86472) - 806G Power Plants — 20 Cycle Machine Ringing Equipment — KS- 15804 Ringing Machines — 65 to 90 Volts, 0.25 Ampere
Addendum	1	
802-904-155	8	(J86815) - 806H Plant — Ringing and Tone Equipment — Static Ringing and Transistor Tone Generators for 1 ESS™ Offices
802-904-160	2	(J86816) - 807B Power Plants — Call Progress Tone Equipment — Transistor Tone Generators and Rotary Interrupters
802-904-162	4	(J86829) - 807D Power Plants — Dial Tone Supply and Signaling Equipment for Use With Touch-Tone Dial Tone — 350 and 440 Hertz — 1.2 to 23 Volts, 1 and 35 Volt-Amperes
802-904-163	1	(J86839) - 807E Power Plant — Tone Supplies for No. 1 TSPS Office — 30-, 60-, and 120-IPM Interrupter Loop Signaling — 0.18 Volt, 1 Volt-Ampere, 480/620 Cycles — 0.29 Volt, 1 Volt-Ampere, 480 Cycles — 0.36 Volt, 1 Volt-Ampere, 440/480 Cycles
802-904-164	2	(J87813) - 807F — Signaling Equipment — Touch-Tone Dial Tone — Power Supply
802-904-165	3	(J87814) - 807G — Signaling Equipment — Precise Busy-Tone Power Supply for Step-by-Step Offices
802-904-181	1	Performance Requirements — For J86596 (806D) Power Plant — Ringing and Signaling
802-904-182	1	Performance Requirements — For J86445 (806E) Power Plant
802-904-183	1	Performance Requirements — For J86456 (806F) Power Plant — Ringing and Signaling
802-905-155	7	(J87801) - 812A Power Plant — Ringing and Tone Power Plant — For No. 1 ESS Offices
Addendum	3	
802-906-150	9	(J86834) - 808A Plant — Ringing and Tone Power Plant for 1 ESS™ Offices
802-908-160	2	(J87822) - 820A — Ringing, Tone, and Interrupter Power Plant for No. 4 ESS Toll Offices
802-910-150	1	(J87803) - 831A Power Plant — Ringing and Tone Equipment — Static Ringing and Transistor Tone Generators — For No. 2 ESS 4-Wire Offices
802-915-150	4	(J87804) - 841A Plant — Ringing and Tone Power Plant — For No. 2 ESS Offices
802-921-150	2	(J87807) - 852A Power Plant — Ringing and Tone Power Plant — For No. 5 Crossbar Offices
802-922-150	2	(J87809) - 853A Power Plant — Ringing and Tone Power Plant — For No. 5 Crossbar Offices
802-925-150	1	(J87820) - 856A Power Plant — Ringing, Tone, and Interrupter Power Plant for No. 4A Toll and Crossbar Tandem Offices

Number	Issue	Subject
802-926-150	1	(J87821) - 857A Power Plant — Ringing, Tone, and Interrupter Power Plant for No. 4A Toll and Crossbar Tandem Offices
802-930-155	1	(J87812) - 861A Power Plant — Ringing and Tone Power Plant — For No. 1, 350A and 355A Step-by-Step Offices
802-931-150	2	(J87810) - 862A Power Plant — Ringing and Tone Power Plant — For No. 1 and 350A Step-by-Step Offices
802-932-150	3	(J86881) - 863A — Ringing and Tone Power Plant — For No. 1 and 350A Step-by-Step Offices
802-938-150	1	(J87819) - 871A Ringing Power Plant—±105 Volt Continuous Ringing
802-939-150	1	(J87808) - 872A Ringing Power Plant — 105V Continuous Ringing
802-940-150	2	(J86855) - 873A Power Plant — 20 Cycle, ± Continuous Ringing — 105 Volts, 5 Amperes
802-943-150	1	(J87824) - 881A Miscellaneous Power Frame and the Ringing, Tone, and Cadence System — For No. 3 ESS Offices
802-943-151	1	(J87825) 881B Miscellaneous Power Frame and the Ringing, Tone, and Cadence System for No. 3 ESS Offices
900-Type — General		
802-950-152	1	(J86632) - 900-Type Power Plants — Method for Determining Motor Starting Capacity — Of Engine-Alternators
900-Type — Gasoline Plants		
802-956-180	2	Performance Requirements — For J86618 (900-Type) Power Plants — Automatic or Manual Control
802-956-181	1	Performance Requirements — For J86618J and J86618K (900-Type) Power Plants — Automatic Control
900-Type — Diesel Plants		
Addendum	1	
802-961-151	1	(J86627) - 900-Type Power Plants — Stationary Diesel Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 500 kW — Automatic and Manual Control — General Information
802-961-180	2	Performance Requirements — For J86633 (900-Type) Power Plants — Manual Control
802-961-181	2	Performance Requirements — For J86633 (900-Type) Power Plants — Automatic Control
802-961-182	3	Performance Requirements — For J86627 (900-Type) Power Plants — Manual Control
802-961-183	2	Performance Requirements — For J86627 (900-Type) Power Plants — Automatic Control
802-963-180	1	Performance Requirements — For J86625 (900-Type) Power Plants — Automatic or Manual Control
802-963-181	1	Performance Requirements — For J86625C (900-Type) Power Plant — Automatic Control
802-963-182	1	Performance Requirements — For J86620 (900-Type) Power Plants
802-963-183	2	Performance Requirements — For J86614 (900-Type) Power Plants
Addendum	1	
802-964-152	2	(J86842) - 900-Type Power Plants — Automatic Diesel Engine-Driven Alternators — 208 to 240 Volts, 115 kW — 3-Phase, 4-Wire, 1800 RPM
802-964-153	6	(J86841) - 900-Type Power Plants — Automatic Diesel Engine-Driven Alternator Plants — 30-115 Kilowatts, 208 to 240 Volts, 75-115 Kilowatts, 416 to 480 Volts, 3-Phase, 4-Wire, 1800 RPM
802-964-154	3	(J86645) - Manual Diesel Engine-Driven Alternator Plants — 30-115 Kilowatts, 208 to 240 Volts and 75-115 Kilowatts, 416 to 480 Volts, 3-Phase, 4-Wire, 1800 RPM

Number	Issue	Subject
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802-964-155	1	(J86647) - 900-Type Power Plants — Manual Diesel Engine-Driven Alternator Plants — 115 kW, 208 to 240 Volts, 3-Phase, 4-Wire, 1800 RPM
802-964-156	4	(J86657) - 900 Type Power Plants — Diesel- Engine-Driven Alternator — 24 or 28 Kilowatts, 208-240V, 60 Hz, 3ϕ, 4 Wire — 24 or 28 Kilowatts, 230-240V, 60 Hz, 1ϕ, 3 Wire — 40 Kilowatts, 208-240V, 60 Hz, 3ϕ, 4 Wire — 40 Kilowatts, 230-240V, 60 Hz, 1ϕ, 3 Wire
802-964-157	2	(J86659) - 900-Type Power Plants — Diesel-Driven Alternator — 12 and 20 Kilowatts, 230-240 Volts, — 1.0 Power Factor, 60 Hertz, 1-Phase, 3-Wire
802-964-180	1	Performance Requirements — For J86628 (900-Type) Power Plants
802-964-181	1	Performance Requirements — For J86629 (900-Type) Power Plants
802-964-183	2	Performance Requirements — For J86842 (900-Type) Power Plants — Automatically Controlled
802-964-184	2	Performance Requirements — KS-22344 Disel-Engine Alternator — 40-kW and 24-kW Plant (J86657)
Addendum	1	
802-965-150	2	(J86631) - 900-Type — Stationary Diesel Engine-Driven Alternator — Automatic and Manual — 208 to 240 or 416 to 480 Volts, 225 kW — 3-Phase, 60 Cycles
802-965-180	2	Performance Requirements — For J86631 (900-Type) Power Plants — Manual Control
Addendum	1	
802-965-181	2	Performance Requirements — For J86631 (900-Type) Power Plants — Automatic Control

Number	Issue	Subject
900-Type — Engine Alternator Plants		
Addendum	2	
802-980-150	4	(J86838) - 900-Type Power Plants — Stationary Gas Turbine Engine-Driven Alternator — 208, 230, 240, 480, or 4160 Volts, 750 kW — Manual and Automatic Control
Addendum	1	
802-980-151	4	(J86637) - 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 200 kW — 3-Phase, 60 Cycles
Addendum	1	
802-980-152	2	(J86644) - 900-Type Power Plants — Gas- Turbine Engine-Driven Alternator — 480 and 4160 Volts, 2100 and 2500 kW — 3-Phase, 60 Hz
802-980-153	3	(J86653) - 900-Type Power Plants — Stationary Gas Turbine Engine-Driven Alternator — 208, 230/240, 480, or 4160 Volts, 900 kW (Peak)/750 kW (Base) — Manual and Automatic Control
802-980-154	1	(J86654) — 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 208 to 240 and 416 to 480 Volts, 435 to 500 kW 3-Phase, 60 Hz
802-980-155	1	(J86655) — 900-Type Power Plants — Gas Turbine Engine-Driven Alternator — 480 Volts and 4160 Volts, 1250 to 1500 kW 3-Phase, 60 Hz
802-980-180	1	Performance Requirements — For J86838 (900-Type) Power Plants — Manual Control
802-980-181	1	Performance Requirements — For J86838 (900-Type) Power Plants — Automatic Control
802-980-182	1	Performance Requirements — KS-19896 Gas Turbine Engine-Alternator — 200 kW Plant (J86637)
802-980-183	2	Performance Requirements — KS-20542 Gas Turbine Engine-Alternator — 200 kW Plant (J86637)

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802-980-185	1	Performance Requirements — KS-20460 Gas Turbine Engine-Alternator — 2100 kW and 2500 kW Plants (J86644)
802-980-186	1	Performance Requirements — KS-21264 Gas Turbine Engine-Alternator — 435 to 500 kW Plants (J86654)
802-980-187	1	Performance Requirements — KS-21879 Gas Turbine Engine-Alternator — 1250 to 1500 kW Plants (J86655)
Addendum	2	
802-981-150	1	(J86646) - 900-Type Power Plants — Automatic Reserve Power Plants — 480 or 4160 Volts, 2.1 to 7.5 Megawatts
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802-981-151	1	(J86740) - System Control Bay for Paralleled Standby Alternators

Division 803

Grounding Systems

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803-2 Electrodes and Terminals

803-5 Grounding Requirements

803-7 Grounding Verification

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Division 804

Equipment Design and General Requirements and Engineering Information — Toll Systems

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	Number	Issue	Subject
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	804-007-155	7	(J63004) — Alarm Trunk Equipment for Repeater Stations
	804-007-156	1	(J63005) — Maintenance Alarm Equipment
	804-007-157	2	(J68904) — Signal Converter for International Trunk Supervision
	804-007-158	1	(J68957) — Unitized Analog Facility Terminal Equipment For CCITT No. 5 With Line Signaling Transceivers, Optional A6B Channel Banks, Optional Direct Formed Supergroup With Optional 2BX SMAS No. 3 Maintenance Connectors Arranged for 96 Circuits
	804-007-160	2	(J68883) — Broadband Restoration — Order Wire Equipment
❶	804-007-161	1	(J68890) — Failure Display Equipment 4 Broadband Restoration
	Addendum	1	
❶	804-007-162	1	(J68891) — Control Console — Broadband Restoration
❶	804-007-164	1	(J68907) — Telemetry Printer for Broadband Restoration
	Performance Requirements		
	804-020-180	3	1600- or 2000-Cycle Single-Frequency Signaling Circuits SD-55954-01 and SD- 55954-02
	804-020-181	2	1600- or 2000-Cycle Supply Circuit SD-55962-01
	804-020-182	2	1600- or 2000-Cycle Single Frequency Signaling Circuit SD-56202-01
	804-020-183	1	1600- or 2000-Cycle Supply Circuit SD-56239-01
	804-020-184	2	2400- or 2600-Cycle Supply Circuit — J68602CM Oscillator Circuit — J68602CN Transfer Circuit
	804-020-185	4	2400- or 2600-Cycle Single-Frequency Signaling Circuit and Network Circuit
	804-020-186	1	2400- or 2600-Cycle Single-Frequency Signaling Circuit SD-56202-02
	804-020-190	2	Ringers and Signaling Circuits and Associated Equipment
	804-021-180	1	Frequency Indicator and Alarm Circuits
	804-021-181	2	Oscillators and Associated Amplifiers
	804-021-182	1	Sequence Signaling and Order Wire Circuits for Use with TD2 Radio Relay Systems, C1 Alarm and Control Systems, Television Networks
	804-021-183	4	Toll Conference Service Equipment
	804-021-184	1	J68612E Four Wire Telephone Order Wire Bridging Arrangements
	804-021-185	1	Network and Network Jack Units J68624
	804-021-186	2	Crosstalk Tests on Newly Installed Repeating Coil Groups and Composite Sets Used in Cable Circuits
	Addendum	1	
	804-021-192	1	Multiport Conference Bridge
	804-021-193	3	C1 Alarm and Control System — Alarm Sending and Receiving Circuits
	804-022-182	2	22A Type Telephone Repeaters and Associated Circuits
	804-022-186	1	Switched-In V1 Telephone Repeaters and Repeating Coil Hybrid Circuits with Associated Circuits at Non-Repeatered Terminals for Toll Switching System No. 4
	804-022-187	4	V1 Telephone Repeaters and Associated Equipment
	804-022-192	6	1A Echo Suppressor and Disabler
❶	804-022-193	1	2A Echo Suppressor
	804-022-194	1	3A Echo Suppressor
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	804-022-197	1	58-Type Echo Suppressor — Measuring System
	804-022-198	1	Tone-Operated Control Circuit (SD-56524- 01)
	804-023-180	2	1A Compressor and 1A Expander (1A Compandor)

Number	Issue	Subject
Toll Terminal Equipment		
804-050-150	2	(J68935) - Voiceband Interface — No. 4ESS™ Interface
804-050-151	2	(J68952) - Digroup Terminal
804-050-153	4	(J68960) — Digital Interface
804-050-157	1	(J68965) — Unitized Digital Facility Terminal — With D4 Channel Banks, CCITT — No. 5 Line Signaling Transceivers and 2BX Maintenance Connectors — For use in No. 4ESS International Switching Centers

804-1 Program Transmission and Radio Telephone

Program Transmission

Specifications

804-101-150	2	(J68634) — Program Transmission Equipment for Switching of Program Circuits
804-101-151	12	(J68617) — Program Transmission Panels and Units

Performance Requirements

804-105-180	4	12C Program Amplifiers and Associated Equipment
804-105-181	4	14C Program Amplifiers and Associated Equipment
804-105-182	2	700A Volume Indicator
804-105-183	1	754 Type Volume Indicators
804-105-184	2	J64001G Volume Indicator
804-105-185	2	Open Wire Program Amplifiers and Associated Equipment

Radio Telephone

Specifications

804-130-150	1	(J68328) — B4 Control Terminal
804-130-153	4	(J68352) — Terminating Equipment
804-130-154	1	(J68360) — Marine Service Transmitting Station for Use With Aeronautical Communications Equipment Incorporated — Radio Transmitter Model 446
804-131-151	4	(J68312) — Voice Frequency Amplifiers
804-131-152	2	(J68325) — A2 Channel Shifter Panels
804-131-153	1	(J68334) — B1 Channel Shifter Panels
804-131-154	4	(J68326) — Vogad and Bypass Panels
804-131-155	2	(J68317) — B3 Privacy
804-131-156	2	(J68324) — A5 Privacy
804-131-157	4	(J68364) — TV Program Switching — Switching Control Panel and Associated Relay Rack Equipment
804-132-150	1	(J68375) — D1 Alarm and Control Circuit and Order Wire Circuit
804-132-151	4	(J68379) — D2 Alarm, Control, and Order Wire System

Performance Requirements

804-150-180	5	C2 Control Terminal
804-150-181	4	C4 Control Terminal
804-150-182	2	E1 Control Terminal
804-150-183	1	J68320 G1 Control Terminal
804-150-184	2	J68327 G2 Control Terminal
804-151-180	2	Third Channel Applique per J68323L and Associated Bridging Equipment for Radio Telephone Terminals
804-151-181	2	Telegraph or Third Channel By-Pass Circuit for B1 or B2 Vogad
804-151-187	2	D1 Alarm and Control Circuit and Order Wire Circuit
804-151-188	2	D2 Alarm and Control and Order Wire Circuit
804-152-180	1	A2 Channel Shifter Equipment for Radio Telephone Terminals
804-152-181	2	B1 Channel Shifter Equipment for Multichannel Single Sideband Radio Circuits
804-152-184	1	A2 Vogad Circuit
804-152-185	3	B2 Vogad Circuit
804-152-189	1	Voice Frequency Amplifier J68312C for Radio Telephone Terminals
804-152-190	6	A1 Noise Reducer for Radio Telephone Terminals
804-152-191	1	A2 Noise Reducer for Radio Telephone Terminals
804-152-193	5	A5 Privacy System for Radio Telephone Terminals
804-152-194	1	B3 Privacy Inverter

804-3 Microwave Radio

Miscellaneous and Common Equipment

Number	Issue	Subject
804-301-150	2	(J68388) — TD-to-TH and TH-to-TD IF Shifters
804-301-180	1	IF Shifters — J68388A, B
804-302-150	2	(J68385) — Emergency Broadband — IF Restoration
804-302-180	1	Emergency Broadband IF Restoration
804-302-181	1	Broadband IF Restoration — IF Restoration Pilot Detector
804-302-182	1	IF Restoration — J68385L Interconnecting Status and Control Panel for TD Automatic Protection Switching
804-302-183	1	IF Restoration — J68385M Interconnecting Status and Control Panel for the 100A Protection Switching System
804-302-184	1	IF Restoration — J68385N Interconnecting Status and Control — Panel for TH Radio Protection Switching
804-303-150	5	(J68381) — 100A Protection Switching System
Addendum	1	
804-303-180	6	Performance Requirements — 100A Protection Switching System — Transmitting IF Switch and Control Bay
804-303-181	8	Performance Requirements — 100A Protection Switching System — Receiving IF Switch and Control Bays
804-303-182	3	100A Protection Switching System — Auxiliary Station IF Switch and Control Bay
804-303-183	3	Performance Requirements — 100A Protection Switching System — Local and Remote Controls, Indications, and Alarms
804-303-184	1	100A Protection Switching System — Test Set
804-303-185	4	Performance Requirements — 100A Protection Switching System — Job Additions
804-304-150	3	(J68398) — 200-Type Protection Switching System
804-304-180	1	200A Protection Switching System
804-304-181	1	Performance Requirements — 200B Protection Switching System
804-305-150	2	(J68420) — 2A Restoration Switch
804-305-180	1	Performance Requirements — 2A IF Restoration Switch
804-306-150	4	(J68421) — Line Branching and Mastergroup Combining for Use With MMX-2 on Radio
804-307-150	2	(J68910) — Switch and Control Bays and Control Units for Broadband Switching
804-308-150	2	(J68424) — 300A Protection Switching System
804-308-155	1	(J68429) — 400 Type IF Protection Switching Systems
804-308-159	1	(J68446) — 500A Protection Switching System
804-308-180	2	Performance Requirements for the 300A Protection Switching System
804-308-185	1	Performance Requirements for the J68429AA Test Set — 400A Protection Switching System — Specialized Test Equipment
804-308-187	2	Performance Requirements — 400B Protection Switching System
804-308-188	1	Performance Requirements for the J68437B — 401B Protection Switching System
804-308-190	1	Performance Requirements for the 401C Protection Switching Unit
804-309-150	1	(J68384) — Antennas, Passive Reflectors, and Radomes for Microwave Communication Systems
804-309-151	3	(J68393) — Indoor — Waveguide Considerations
804-309-152	2	(J68399) — Auxiliary Channel — General Requirements
804-309-153	5	(J68383) — TD & TH Radio — 3-Type FM Terminal Equipment
804-309-154	5	(J68418) — 4- and 5-Type FM Terminal Equipment
804-309-158	2	(J68451) — Toll Systems — Heterodyne Auxiliary Channel Equipment

	Number	Issue	Subject
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	804-309-181	1	3A FM Terminal Receiver
	804-309-182	1	Performance Requirements — 4A FM Terminal Receiver
	804-309-183	1	Performance Requirements — 4A FM Terminal Transmitter
❶	804-309-184	2	Performance Requirements — Group Entrance Link — SD-50968-01 and ED- 51390-( )
	804-311-150	1	1A-Radio Digital System Message Data Combining Units — Equipment Description Toll System
	Addendum	1	
	804-313-150	1	(J68436) — Protected Gain and Equalization Bay
	804-314-150	1	(J68445) — IF Entrance Link
	804-325-150	4	(J68359) — Non-Western Microwave Radio Relay — Motorola Message Equipment — MR-10 — System Requirements
	804-325-151	3	(J68361) — Non-Western Microwave Radio Relay — Motorola Multiplex Equipment — Unit Requirements
	TD Radio		
	Specifications		
	804-330-152	7	(J68338) — IF and Video — Patching and Monitoring Equipment
	804-330-153	3	(J68417) — Microwave Radio — IF Patch and Access, FM Terminals, FM Terminal Patching, and Associated Miscellaneous Equipment
	804-330-154	6	(J68341) — Radio and Express Radio Order Circuit Equipment for Use With TD and TH Microwave Radio System
	804-330-155	8	(J68342) — Alarm Equipment for Use With Major Route — Distribution Fuse, Individual, Audible, and Visual Alarms
	804-330-156	4	(J68346) — Alarm Equipment for Use With Secondary Route TD Microwave Radio Systems — Distribution Fuse, Individual, Audible, and Visual Alarms
	804-330-157	7	(J68350) — Automatic Switching — Switching Control Equipment
	804-330-158	6	(J68351) — Automatic Switching — Auxiliary Station Switching and Control Equipment
	804-330-160	2	(J68354) — Program and Terminal Maintenance Switching, Patching, and Monitoring for IF, Video, and Pilot Resupply Equipment for Automatic Switching
	804-330-161	6	(J68344) — Remote Control Equipment for Controlling 223-Type Switches Over Metallic Loops or C1 Alarm System
	804-330-162	4	(J68356) — Remote Control Equipment Using Sequence Signaling
	804-330-164	5	(J68345) — Transmitter-Receiver Test Set
	Performance Requirements		
	804-330-180	2	FM Terminal Transmitter
	804-330-181	2	FM Terminal Transmitter — Tested With J68337H FM Terminal Test Set
	804-330-182	2	FM Terminal Transmitter — Balanced Input
	804-330-183	2	FM Terminal Receiver
	804-330-184	1	IF and Video Monitoring and Patching Equipment
	804-330-185	1	Video Monitor Amplifier
	804-330-186	1	IF Bridging Amplifier
	804-330-187	4	Automatic Switching — Switching Control Circuits — Switching and Control Bay J68350A
	804-330-188	3	Initiator Circuits for Regular and Protection Channels for TD Radio Automatic Switching
	804-330-189	1	Initiator Test Set for TD Radio Automatic Switching
	804-330-190	2	Video Pilot Supply and Distribution Circuits for TD Radio Automatic Switching
	804-330-191	1	IF Pilot Resupply Circuit for TD Radio Automatic Switching

Number	Issue	Subject
TD-2 Radio		
Specifications		
804-331-150	1	AA266.031, Issue 2 (J68339) — General Requirements
804-331-151	8	(J68331) — Transmitter-Receiver Bay
Addendum	2	
804-331-152	9	(J68330) — IF, Microwave, and Control Units
804-331-153	4	(J68389) — Microwave Radio — Channel Equalization and Level Adjustment
804-331-154	1	(J68378) — IF Amplitude Equalization
804-331-155	5	(J68349) — Automatic Switching — IF Switching Equipment
804-331-156	5	(J68382) — TD Microwave Radio — 1 x 5 — Automatic Protection Switching Equipment
804-331-157	1	AA266.037, Issue 5 (J68343) — Tube Cooling System
Addendum	1	
804-331-158	4	(J68368) — Outdoor Waveguide for Microwave Communication Systems
804-331-159	3	(J68348) — General Requirements for Secondary Route Installations
804-331-161	6	(J68337) — FM Terminal Test Set
804-331-162	1	AA266.036, Issue 6 (J68333) — Test Bench Equipment
804-331-163	5	(J68340) — TD-2 Radio Transmitter- Receiver Test Equipment and Microwave System Power Meter NOTE: Formerly AA 266-034
Performance Requirements		
804-331-180	1	Over-all Radio System
804-331-181	2	J68340A Transmitter-Receiver Test Bay
804-331-182	10	TD-2 Transmitter-Receiver Bay — Tested With J68340A Test Bay
804-331-183	2	J68345A Transmitter-Receiver Test Bay
804-331-184	7	TD-2 Transmitter-Receiver Bay — Tested With J68345A Test Set
804-331-185	1	J68378B IF Amplitude Equalization Circuit
804-331-186	1	FM Terminal Test Set
804-331-187	2	J68337H FM Terminal Test Set
804-331-188	1	FM Terminal Receiver for TD Radio Tested With J68337H FM Terminal Test Set
804-331-189	2	TD2 Radio Automatic Switching Over-all Systems Tests
804-331-190	1	FM Terminal Transmitter Automatic Protection — Switching System Per SD- 50449-01 for Baseband to IF Transmission Circuits — Connecting L- Type Multiplex to TD-2 Radio
804-331-191	1	J68382 FM Terminal Receiver — Protection Switching System — IF-to-Baseband Transmission Circuit — Connecting TD Microwave Radio to L-Type Multiplex
804-331-192	1	Visual Delay Set
804-331-193	3	J68333A Test Bench
804-331-194	1	RF Leakage
TD-3 Radio		
Specifications		
Addendum	1	
804-332-150	2	(J68386) — Transmitter-Receiver Bay
804-332-151	3	(J68392) — Transmitter-Receiver Test Set
Addendum	1	
804-332-152	3	(J68387) — Transmitter-Receiver Bay Components
804-332-153	2	(J68396) — TD-3/TH-3 Radio Systems — Test Bench Facility
Addendum	1	
804-332-154	1	(J68390) — Long Haul Microwave Radio Systems
804-332-155	2	(J68391) — Alarm Equipment for Use with TD-3 and TH-3 Microwave Radio Relay System — Distribution Fuse, Individual, Audible, and Visual Alarms

Number	Issue	Subject
Performance Requirements		
804-332-180	1	J68392A TD-3 Radio Transmitter-Receiver Test Set
804-332-181	3	J68386A and B TD-3 Transmitter-Receiver Bays
804-332-182	2	Station Audible, Visual, and Common Alarm Circuits
TH Radio		
Specifications		
804-333-150	1	AA266.067, Issue 1 (J68401) — General Requirements
804-333-151	1	AA266.068, Issue 3 (J68402) — Broadband and Auxiliary Channel — Radio Transmitter and Receiver Equipment
Addendum	1	
804-333-153	3	(J68404) — Component Equipment
804-333-154	2	(J68406) — FM Terminal Equipment
804-333-155	3	(J68407) — Alarm Equipment for Use With TH-1 Radio Systems — Distribution Fuse, Individual, Audible, and Visual Alarms
Addendum	1	
804-333-156	3	(J68854) — Message Connecting Links
Addendum	1	
804-333-157	2	(J68409) — Automatic Protection Switching Bay Equipment
804-333-158	2	(J68410) — Automatic Protection Switching Equipment — Panels, Mountings, and Plug-In Units
804-333-159	1	AA266.083, Issue 1 (J68411) — IF and Baseband Patching, Monitoring, Amplifier, Equalization Equipment, and Station Transmission Cabling
804-333-161	2	(J68405) — Transmitter-Receiver Test Set
804-333-162	2	(J68415) — Auxiliary Channel Test Set
804-333-163	2	(J68408) — TH Microwave Radio — FM Terminal Test Set
804-333-164	2	(J68412) — Protection Switching Test Set
Addendum	1	
804-333-166	3	(J68848) — Maintenance Center — Test Equipment
Performance Requirements		
804-333-180	5	Microwave Carrier Supply
804-333-181	3	TH Microwave Radio — Broadband and Auxiliary Channel Equipment — Auxiliary Channel Transmitter and Receiver
804-333-182	2	TH Auxiliary Channel Terminal
804-333-183	1	Transmitter-Receiver Test Set
804-333-184	7	Broadband Channel Radio Transmitter
804-333-185	3	Broadband Channel Radio Receiver
804-333-186	1	FM Terminal Test Set
804-333-187	2	J68406A FM Terminal Transmitter
804-333-188	1	J68406K FM Terminal Receiver
804-333-189	1	Message Connecting Links
804-333-190	1	TH Mop-Up Equalization Circuit
804-333-191	1	Main and Repeater Stations
804-333-192	1	J68412A Protection Switching Test Set
804-333-193	2	Automatic Protection Switching System — FM Terminal Switching — DC Reporting — IF-to-Baseband Switching for FM Terminal Receivers — Baseband-to-IF Switching for FM Terminal Transmitters — (J68409A, J68409B, and J68409D Bays)
804-333-194	3	Automatic Protection Switching System — IF Switching Tone Reporting Section (J68409A and J68409C Bays)
804-333-195	1	Protection Switching System — Automatic Exerciser
804-333-196	2	Maintenance Center Test Equipment
804-333-197	1	Tube Cooling System
804-333-198	1	J68402N TH-1 Radio Broadband Channel Radio Receiver

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TH-3 Radio		
Specifications		
804-334-150	2	(J68423) — Medium Haul — Terminal and Order-Wire and Alarm Equipment
Addendum	1	
804-334-151	1	(J68426) — Medium Haul System — General Equipment Design Requirements
804-334-152	1	(J68422) — Frequency Diplexed — Auxiliary Channel
Addendum	1	
804-334-153	1	(J68913) — Transmitter-Receiver Bay Components
Performance Requirements		
804-334-180	1	The J68912A and J68912B TH-3 Transmitter-Receiver Bays
804-330-192	1	Program Switching Circuits and Program Switching Control Circuits
804-334-181	2	Auxiliary Channel Switching System — Main Station
804-334-182	1	The FARINON* FJ-00008D — Frequency Diplexed Auxiliary Channel Multiplex Circuits
804-334-183	1	J68422C and J68422E Frequency Diplexed Auxiliary Channel System — Modulating/Demodulating Circuits
804-334-184	1	Frequency Diplexed Auxiliary Channel Switching System — Repeater Station
804-334-185	1	TH-3 Medium Haul Radio
804-334-186	1	Frequency Diplexed Auxiliary Channel
TJ Radio		
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804-336-151	3	(J68371) — Transmitter-Receiver Bay
804-336-152	3	(J68372) — Transmitter-Receiver Units
804-336-153	3	(J68373) — Order-Wire, Alarm, and Control Bay
804-336-154	4	(J68374) — Diversity Switch and Transmission Unit
804-336-155	2	(J68376) — TJ Microwave Radio — Test Sets and Test Equipment — Testing and Maintenance
Performance Requirements		
804-336-180	2	Transmitter-Receiver Bay
804-336-181	2	TJ Order-Wire, Alarm, and Control Bay for Use With TJ Radio D1 Alarm Systems — Including TJ/TM-1 Applications
804-336-182	2	TJ Diversity Switch for Order-Wire, Alarm, and Control Bay for Use With TJ Radio D2 Alarm Systems — Including TJ/TM- 1 Applications
804-336-183	2	Type A, Wire-Line Entrance Link Per SD- 59459-02
804-336-184	1	Wire-Line Entrance Link Per SD-50006-01 for Cable Lengths Between 2400 Feet and 7.9 Miles
804-337-180	3	TN-1 Microwave Radio — Transmitter- Receiver Panel
804-337-181	1	TN-1 Microwave Radio — Overall System
804-340-150	1	(J68449) — Transmitter-Receiver Bay and Transmitter-Receiver Support Bay
804-340-151	1	(J68450) — Transmitter-Receiver Bay and Transmitter-Receiver Support Bay Modules — AR6A Single-Sideband Radio
804-340-152	1	(J68454) — Test Equipment — Transmitter- Receiver Bay and Transmitter-Receiver Support Bay

804-6 Carrier

Number	Issue	Subject
Miscellaneous Equipments		
804-601-150	4	(J68738) — Carrier Drainage Coil Equipment
804-601-151	8	(J68746) — Miscellaneous Equipment for Main and Auxiliary Stations

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Number	Issue	Subject
804-601-152	3	(J68876) — Restoration Patch Bays
804-601-180	4	A1 and C1 Carrier Program Terminals and Connections to Group Circuits
804-601-181	5	Two Channel Bank Type EB
804-602-150	10	(J68733) — Broadband Carrier Telephone — 12-Channel Bank Equipment Type A1 (For "J", "K", and "L" Systems) — Group Terminal Equipment (For K1 Systems)
804-602-151	10	(J68775) — Broadband Carrier Telephone — Carrier and Pilot Supply Panels
804-602-152	5	(J68787) — Broadband Carrier Telephone Equipment — Type C1 or A1 (5- or 8-KC) or B1 (15-KC) or K Carrier Line Bridges — Carrier Program Transmission
804-602-153	1	(J68790) — Broadband Carrier Telephone — A1 Transmission Alarm Equipment
804-602-154	6	(J68799) — Broadband Carrier Telephone — Group Connectors and L1 Carrier Supergroup Connectors
804-602-155	5	(J68805) — H.F. Broadband Carrier Terminal — Group Branching and Bridging Equipment for 5 or 8 KC Carrier Program Transmission
804-602-156	5	(J68832) — Broadband, C, H, N, and O Carrier Telephone — Voice-Frequency Channel Patch Bay Equipment
804-332-183	1	J68386G and H Transmitter-Receiver Bays
804-603-150	2	(J68833) — TD Radio — Types A, B, and C Wire Line Entrance Links and TJ Radio — Type A Wire Line Entrance Link
804-603-152	4	(J68874) — Solid-State Wire-Line Entrance Links for Connection of L-Type Multiplex to Microwave Radio Systems
804-603-153	3	(J68903) — Microwave Radio — 3 Wire- Line Entrance Link Equipment
804-603-180	2	TD Radio Wire Line Entrance Link Per SD-59459-01 for Cable Lengths Less than 2400 Feet
804-603-181	1	TD Radio Wire Line Entrance Link Per SD-59459-02 for Cable Lengths Less than 2700 Feet
804-603-182	1	TD Radio Wire Line Entrance Link Per SD-59494-01 for Cable Lengths Exceeding 7.9 Miles
804-603-183	1	TD Radio Wire Link Entrance Link Per SD-59527-01 for Cable Lengths between 2400 Feet and 7.9 Miles
804-603-184	1	TD Radio Wire Line Entrance Link Per SD-59527-02 for Cable Lengths between 2400 Feet and 7.9 Miles
804-604-150	2	(J68909) — Primary Frequency Supply — Distribution
804-604-151	2	(J68911) — 64-KHz Independent Pilot Supply and Distribution Circuit
804-604-180	2	J68909 Distribution Buses for the Primary Frequency Supply Used with Carrier Telephone Systems
Addendum	1	
804-604-181	2	Performance Requirements — Independent 64- and 512-kHz Pilot Supplies and Distribution Circuit
804-604-182	1	64-KHz Preamplifier and Distribution Circuit
K1 Carrier		
Specifications		
804-624-150	6	(J68740) — Twist, Transmitting, Test, Program Transmitting or Auxiliary Switching Amplifier Panel; Auxiliary Receiving Amplifier Panel; Bulge and Slope Network Panel; and Associated Equipment
804-624-151	4	(J68741) — 12-60 KC Line Amplifier for Use with 19 Gauge Non-Loaded Cable Circuits
804-624-152	7	(J68745) — Crosstalk Balancing Equipment
804-624-153	9	(J68773) — Type "K" and "L" Carrier Telephone — Carrier and Pilot Supply Bays
804-624-154	3	(J68776) — Transmission Regulation — Pilot Channel Control and Gain Deviation Limiter Equipment

Number	Issue	Subject
804-624-155	4	(J68778) — Type K and L Carrier Telephone — Amplifier-Rectifier Panels
804-624-156	3	(J68785) — Alarm Signal and Twenty Cycle Repeater and Associated Trunk Equipment
804-624-157	2	(J68795) — Line Building Out Equipment

Performance Requirements

804-624-180	7	Terminal
804-624-181	9	Line and Twist Amplifiers and Associated Equipment
804-624-182	3	Line and Amplifier Switching Equipment
804-624-183	3	Deviation Regulator for Repeaters and Receiving Terminals
804-624-184	1	Double Sideband Program Terminal
804-624-185	1	Connecting Circuit — K1 and K2 Carrier Telephone
804-624-186	1	Manual Deviation Regulator — K1 Carrier Telephone
804-624-187	3	Carrier Program Through and End Branching Circuits Using A1A, A1B, A1BS, C1A, C1B and C1BS Carrier Line Bridges
804-624-188	2	A1CC, C1CC, and C1CT Carrier Program Line Bridges Using Single-Terminal Bridge with Receiving Selector Circuit
804-624-189	6	42A Transmission Measuring System
804-625-180	5	A1 and C1 Carrier Program Terminals Associated with Channel Banks — K and L1 Carrier Telephone
804-625-181	11	Carrier and Pilot Supply for K and L1 Carrier Telephone Systems
804-625-182	1	B1 Carrier Program Terminal — K and L1 Carrier Telephone

K2 Carrier

Specifications

804-626-150	1	(J68844) — Equipment in Main Repeater and Terminal Stations
804-626-151	6	(J68784) — Group Terminal Equipment
804-626-152	7	(J68782) — Regular and Portable Line Amplifier and Associated Equalizer Equipment
804-626-153	4	(J68786) — Common Grid Battery Supply Equipment
804-626-154	6	(J68783) — Twist Amplifier Equipment
804-626-155	3	(J68788) — Carrier Line Switching and Test Pilot Supply Equipment
804-626-156	6	(J68792) — Individual Alarm, Alarm Trunk, and Alarm Trunk Signaling Units
804-626-157	4	(J68793) — K1-K2 Junction Amplifier, and Auxiliary Amplifier for Use in Tandem With Twist Amplifier

Performance Requirements

804-626-180	9	Terminal
804-626-181	4	Line Amplifiers and Associated Equipment
804-626-182	4	Twist Amplifiers and Associated Equipment
804-626-183	3	Line Switching Equipment
804-626-184	4	Test Pilot Supply Equipment

L Carrier

Specifications

804-627-150	8	(J68774) — Terminal Panels
804-627-151	9	(J68768) — Repeater Panel Equipment
804-627-152	9	(J68770) — Repeater Bay Equipment
804-627-153	10	(J68772) — Group and Supergroup Terminal Bays
804-627-154	5	(J68801) — Supergroup Blocking Equipment
804-627-155	5	(J68791) — Equipment for Auxiliary and Equalizing Auxiliary Repeater Stations
804-627-156	9	(J68769) — Miscellaneous Maintenance and Testing Equipment
804-627-157	3	(J68796) — Miscellaneous Equipment
804-627-159	2	(J68937) — Order Wire Bay
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Number	Issue	Subject
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L1 Carrier		
Specifications		
804-628-150	2	(J68789) — Application Specification
804-628-151	6	(J68771) — High-Frequency Switch Equipment
804-628-152	3	(J68797) — Terminal Test Oscillator Bay
804-628-153	4	(J68798) — Maintenance Center Equipment
804-628-154	2	(J68806) — Regulators
804-628-155	1	(J68808) — Line Amplifiers
804-628-157	3	(J68807) — Television Line Equipment
804-628-158	1	(J68825) — Repeater Activity Test Set
804-628-159	6	(J64053) — 53A Mobile Oscillator for Use
Performance Requirements		
804-628-180	5	12-Channel Bank Type A4 and Type A5 when Used With L1 and L3 Carrier Telephone
804-628-181	6	Amplifiers, Regulators, and Auxiliary Repeater Equipment
804-628-182	6	Main and Terminal Repeater Equipment
804-628-183	1	J68798C Vacuum Tube Test Set Equipment
804-628-184	2	Carrier Program Terminal Associated With B2 and C2 Television Terminals
804-628-185	5	Group Branching and Bridging Circuits and 5 KC Program Bypass Circuits for Use With Carrier Program Transmission
804-628-186	5	Television Branch, Terminal Line, and Dropping Circuits
804-628-187	3	B2 (Transmitting) Television Terminal
804-628-188	2	B3 Transmitting Television Terminal Using Automatic Switch SD-59704-01
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804-628-190	3	C3 Receiving Television Terminal — Using Automatic Switch SD-59704-01
L3 Carrier		
Specifications		
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804-629-152	2	(J68822) — Pilot Indicator Panel and Pilot Alarm Unit
804-629-153	3	(J68816) — Amplifiers
804-629-154	4	(J68817) — Regulators
804-629-155	4	(J68821) — Filament and Bias Supply
804-629-156	5	(J68836) — Gain Equalizer and Computers
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804-629-160	4	(J68823) — Main and Equalizing Auxiliary Repeaters — Cable Terminating Panels — Equipment
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804-629-162	6	(J68815) — L3 Carrier-Power Supply Equipment Units for Use at Repeaters Operating on Power Received Over Coaxial Cable
804-629-163	3	(J68837) — Transmission Measuring — Cosine Equalizer Adjustment Set
804-629-164	5	(J68827) — Testing Equipment
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Number	Issue	Subject
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Performance Requirements		
804-629-180	3	L3 Carrier Telephone Terminal — Submaster and Master Group Equipment
804-629-181	6	L3 Carrier Telephone Terminal — Carrier and Pilot Supply Equipment (Including Installations Having Only Emergency Pilot Supply Equipment)
804-629-182	3	Amplifier and Regulator Test Circuit
804-629-183	3	Automatic Line Switching for L3 and L4 Carrier
804-629-184	1	Equalizing, Switching, and Terminal Main Repeater Equipment
804-629-185	1	Transmission Bay and Television Dropping Bay at Equalizing Auxiliary Repeaters
L4 Carrier		
Specifications		
804-630-150	5	(J68877) — Carrier Telephone — L4 Coaxial System
Addendum	1	
804-630-151	4	(J68882) — Mastergroup Multiplex 2 (MMX-2) Terminal — MMX-2C for L4 Coaxial Systems — MMX-2R for TH-( ), TD-( ), and TD-3 Radio Systems
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Addendum	2	
804-630-154	1	(J68918) — Supergroup Distributing Terminals
❶ 804-630-155	2	L Carrier Mastergroup — Digital Terminal Equipment (LMD)
804-630-156	3	(J68953) — Mastergroup Translator Equipment

Number	Issue	Subject
L5 Carrier		
Specifications		
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804-631-151	2	(J68919) — L5/L5E Carrier System
804-631-152	3	(J68934) — Jumbogroup Frequency Supply — JMX/L5 Carrier or MMGT-C/L5E Carrier
804-631-153	2	(J68922) — L5/L5E Carrier — Transmission Surveillance System
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804-631-156	2	(J68931) — Basic Jumbogroup Trunk Bay
804-631-157	1	(J68920) — Jumbogroup Multiplex (JMX) Terminal for L5 Coaxial Systems
804-631-158	3	(J68938) — Restoration Trunk Bay for JMX- L5 Systems or L5E Systems
804-631-159	1	(J68940) — Bell System Reference Frequency Standard
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804-631-160	2	(J68955) — Multimastergroup Translator for Cable Systems (MMGT-C)
804-631-161	1	(J68958) — L5/L5E Carrier — Equipment Design Requirements — Toll Systems
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❶ 804-637-150	3	(J68900) — SF Submarine Cable System — Terminal Stations
❶ 804-637-151	5	(J68901) — SF Submarine Cable — Terminal Transmission Bays — Terminal Station
Addendum	1	
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❶	804-637-158	2	(J68917) — Repeater Locating Test Set — SD and SF Submarine Cable
❶	804-637-164	1	(J64734) — SG Submarine Cable System SG/SF Cable Laying Test Set
❶	804-637-165	1	(J68939) — Repeater Monitoring Set — SF and SG Submarine Cable
❶	804-637-166	1	(J64735) — Transportable Transmission Measuring Set for Installation of SG Cable Shore Ends
❶	804-637-167	1	(J68943) — SG Submarine Cable System — SG/SF Data Translator Cabinet
❶	804-637-168	1	(J68944) — SG Submarine Cable — SG High Frequency Line for SG Submarine Cable Installation
❶	804-637-169	1	(J68945) — SG Submarine Cable System — General Purpose Test Equipment Cabinet
❶	804-637-170	1	(J68946) — SG Submarine Cable — Terminal Station Power Separation Filter
❶	804-637-173	1	(J68949) — SG Submarine Cable — Shipboard Portable Test Load for Testing SG Shipboard Power Feed Equipment
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Division 806

Equipment Design and General Requirements and Engineering Information — Radio Systems and Television Systems

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Division 809

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809-850-150	5	(J58849) — 800A PBX
Addendum	1	
809-850-151	6	(J58860) — 800A — Summarizing Specification
809-850-160	2	(J58872) — 801A
809-852-150	2	(J58873) — 805A PBX
809-855-150	2	(J58877) — 812A PBX
809-870-150	1	(J58871) — 850A PBX

Customer Switching Systems

809-875-151	2	PBX Systems — CSS 201VS — Description
809-875-152	2	BBX Systems — CSS 201L Description
809-875-153	1	Station Message Detail Recording Description PBX System

Division 811

Equipment Design and General Requirements and Engineering Information — Private Service Systems

811-0 Indexes and General

811-1 Alerting and Warning Systems

811-3 Switching Systems

Number	Issue	Subject
811-0 Indexes and General		
Indexes		
811-000-000	34	Numerical Index — Division 811 — Equipment Design and General Equipment Requirements and Engineering Information — Private Service Systems
General		
811-010-180	2	Performance Requirements — Digital Data Transmitter Circuit — A1 Digital Data Signaling System
811-010-181	1	Performance Requirements — Digital Data Receiver Circuit — A1 Digital Data Signaling System
811-010-182	2	Performance Requirements — Parity Check Circuit — A1 Digital Data Signaling System
811-010-183	1	Performance Requirements — Matching and Error Counter Circuit — A1 Digital Data Signaling System
811-010-184	2	Performance Requirements — Word Generator Circuit, SD-1G005-01 — A1 Digital Data Signaling System
811-010-185	1	Performance Requirements — Miscellaneous Testing Circuit — A1 Digital Data Signaling System
811-010-186	2	Performance Requirements — Trouble Detector Circuit — A1 Digital Data Signaling System
811-010-187	1	Performance Requirements — Word Generator Circuit, SD-1G097-01 — A1 Digital Data Signaling System
811-010-188	1	Performance Requirements — 4-Phase Digital Data Transmitter Circuit — A1 Digital Data Signaling System — (J1G000BF)
811-010-189	1	Performance Requirements — 4-Phase Digital Data Receiver Circuit — A1 Digital Data Signaling System — (J1G000BF)
811-012-151	4	(J1G006) - Air-Ground Voice Communication — Common User Group
811-012-180	1	Performance Requirements — Dual Facility at Direction Center or Tandem Point — Air-Ground Voice Communication System
811-012-181	1	Performance Requirements — Dual Facility at Radio Site — Air-Ground Voice Communication System
811-012-182	2	Performance Requirements — Common User Group — Air-Ground Voice Communication System
811-012-185	1	Performance Requirements — Restoration Panel for Restoring — Air-Ground and Data Trunks
811-014-150	1	(J1G007) - SC2 Selective Control System — Control and Signaling Equipment Units and Associated Equipment for Transmitting and Receiving Supervisory Signals
811-014-151	2	(J1G008) - Pulse Length Code Test Set — SC2 Selective Control System
811-014-152	1	(J1G009) - Dial Test Set for Checking Operation of Satellite and Monitor Station — SC2 Selective Control System
811-015-150	2	(J1G021) - 20A Signaling and Control System — Arranged for Inband Signaling
Addendum	1	
811-016-150	1	(J1G024) - Miscellaneous Equipment — 2-Digit to Dial Pulse Converter Unit — Signal Delay and Digit Storage Unit — 4 X 4 to Decimal Translator Unit — Echo Suppression and Anti-Sing Unit

Number	Issue	Subject
811-016-180	1	Performance Requirements — Signal Delay and Digit Storage Circuit and 2-Digit DC to Dial Pulse Converter Arranged for Use With Touch-Tone Receivers and SS1 or SSA1
811-017-150	3	(J1G023) - Data Conferencing Equipment for Use With 4-Wire CONUS AUTOVON Facilities
811-018-150	1	(J1G025) - SS2-Touch-Tone Selective Signaling System
811-019-150	2	(J1G027) - SS3 Touch-Tone Selective Signaling System
811-019-151	1	(J1G028) - Equipment Packages — SS3 Touch-tone Selective Signaling System
811-019-152	1	(J1G031) — SS3 Multiline Connecting Equipment
811-019-153	1	(J1G032) — SS3 Order Wire
811-021-150	3	(J1G033) — SS4 Selective Signaling System
811-021-151	2	(J1G034) — 4-Wire Private Line — Terminating System
811-021-152	1	(J1G037) — Off-Network Access Unit With SS4 Selective Signaling for 4-Wire Private Line Terminating and Station System
811-022-150	2	(J1G035) — Control and Display System
811-025-150	1	(J1G030) — 1A Protective Relaying Terminal — Facilities Serving Power Industry
811-026-150	2	(J1G036) — Modular Terminal Communication System

811-1 Alerting and Warning Systems

811-101-150	5	(J1G011) - SAC Primary Alerting System
811-101-151	2	(J1G010) - SAC Secondary Alerting Network — Supervised Automatic Signaling System — Control and Signaling Equipment Units for Transmitting and Receiving Supervisory Signals
811-101-152	4	(J1G026) - SAC — Main Operating Base Turret
811-102-150	4	(J1G012) - Command Post Alerting Network
811-104-150	2	(J1G019) - 10A Alerting System NORAD Attack Warning System — (NAWS)
811-104-180	1	Performance Requirements — 10A Alerting System
811-120-150	2	(J1G018) - 1A Telephone Warning System

811-3 Switching Systems

811-301-150	4	(J1G013) - Switching System No. 304
811-301-180	1	Performance Requirements — Switching System No. 304
Addendum	1	
811-302-150	4	(J1G015) - Switching System No. 305
Addendum	2	
811-303-150	2	(J1G017) - Switching System No. 306
811-303-180	1	Performance Requirements — Switching System No. 306
811-304-150	1	(J53037) - Switching System No. 307
811-304-151	1	(J1G016) - Switching System No. 307 — Station Arrangements — Data Set and Control Equipment
811-307-150	1	(J1G022) - Switching System No. 310
811-307-180	1	Performance Requirements — Switching System No. 310

Division 812

Equipment Design and General Requirements and Engineering Information — Station Systems

812-0 Indexes, General Information, and Miscellaneous Equipments

812-1 Key Equipments

812-2 Switching, Key Telephone, and Communications Systems

812-3 Station Test Equipment

Number	Issue	Subject
812-0 Indexes, General Information, and Miscellaneous Equipments		
Indexes		
812-000-000	47	Numerical Index — Division 812 — Equipment Design and General Equipment Requirements and Engineering Information — Station Systems
812-002-002	1	Station Dial — 51B — Detailed Description
812-002-007	1	Station Dials — 43A — Detailed Description
812-002-008	1	Station Dials — 53A — Detailed Description
812-002-200	3	Private Line Service Terminations — Station Engineering Information
812-002-201	2	Private Line Service Terminations — Station Engineering Information — Uniform Service Order Codes (USOC) Index of Definitions and Applications
812-002-210	2	Private Line Service Terminations — Station Engineering Information (Tie Trunks and SS-3)
812-002-211	2	Private Line Service Terminations — Station Engineering Information — PBX Terminations (Foreign Exchange and Wide Area Telecommunications Service)
812-002-215	2	Private Line Service Terminations — Station Engineering Information — Telephoto Station Arrangements
812-002-221	3	Private Line Service Terminations — Station Engineering Information — Station Equipment (Voice)
Addendum	1	
812-002-230	3	Private Line Service Terminations — Station Engineering Information — Station Equipment (Data-Voiceband)
812-002-231	2	Private Line Service Terminations — Station Engineering Information — Station Equipment (Data-Wideband)
812-002-250	3	Private Line Service Terminations — Station Equipment Information — Alternate Arrangements
812-002-270	2	Private Line Service Terminations — Station Engineering Information — Engineering Sketches and Signaling Devices
812-002-290	4	Private Line Service Terminations — Station Engineering Information — V4 Repeater — Mountings and Components
General Information and Miscellaneous Equipment		
812-015-150	3	(J53008) - Unattended Station Equipment for Transmitting External Audible Signals Back to a Calling Party
812-015-155	2	(J53017) - 110A Key Equipment
812-015-170	2	Ringing Ranges and Ringing Bridge Limitations for Lines in Dial Offices
812-016-150	3	(J53019) - 600/1500 — Cycle Selective Signaling Equipment for 2- and 4-Wire Private Lines
Addendum	1	
812-016-155	1	(J53047) - SS1A Selective Signaling System — Pulsing Counting and Interdigital Control Circuit
812-017-150	1	(J53036) - 4-Wire Private Line Equipment

Number	Issue	Subject
Addendum	1	
812-017-151	3	(J53045) - 4-Wire Private Line Terminating and Station Equipment
812-019-150	1	(J53042) - Preempt-Precedence Wink Signal Test Set
812-021-150	1	(J53027) - Six Station Conference and Alarm Equipment
812-023-150	1	Customer-Owned Antique Decorator — Telephone Set Housings — Engineering Requirements
812-023-151	1	Station Dials — 51A — Detailed Description
812-025-150	4	(J53050) - Interconnecting Units

812-1 Key Equipments

812-101-150	6	(J53002) - 4A
812-102-150	4	(J53004) - 5A, 5B, 6A and 6B
812-106-150	7	(J53103) - 100 — Multiple Line
812-107-150	7	(J53005) - 101A and 101B
812-107-160	12	(J53009) - 102
812-108-150	2	(J53011) - 103A
812-109-160	2	(J53016) - 109A
812-110-151	3	(J53040) - 110A
812-110-160	3	(J53020) - 111A
Addendum	3	
812-111-150	10	(J53022) - 112A
812-111-151	3	(J53024) - 112A — Master Specification for SAGE Installations
812-111-152	3	(J53028) - 112A — Master Specification for SAC Bombardment Wing Control Center Installations
812-111-153	2	(J53025) - 112A — Master Specification for Missile Master Installations

Number	Issue	Subject

812-2 Switching, Key Telephone, and Communications Systems

Switching Systems

812-205-150	7	(J53026) - No. 300
812-205-155	2	(J53032) - No. 301
Addendum	1	
812-205-156	3	(J53048) - No. 301A
812-205-160	2	(J53033) - No. 302
812-205-180	1	Performance Requirements — No. 300
812-206-150	2	(J53034) - No. 303
812-207-160	2	(J53041) - No. 309
812-248-150	1	(J53059) - 1A Industrial Communications System (ICS)

Key Telephone Systems

812-260-150	8	(J53007) - 1A
812-260-155	4	(J53021) - 1A1
812-262-150	3	(J53023) - 6A
812-275-150	1	(J53053) - 8A
812-275-151	1	(J53056) - E911 Customer Premises System
812-275-152	1	(J53060) - Customer Premises Equipment - Expanded 911 System Answering Point

Communication Systems

812-280-001	1	14A Call Management Information System
812-281-150	3	(J53038) - No. 3A
812-281-160	2	(J53061) - 16A Communications System—HORIZON®
812-282-150	4	(J53055) - 32A — HORIZON Communications System and HORIZON Call Management System

812-3 Station Test Equipment

812-300-150	1	(J53054) - Telephone Test Set for Field Turnaround

Division 814

Equipment Design and General Requirements and Engineering Information — Step-By-Step Systems

814-0 Indexes, General Information, and Miscellaneous Equipments

814-1 Automatic Message Accounting

814-2 Automatic Number Identification Equipments

814-3 Common Control and Touch-Tone Equipments (Register Trunk and Link, Outpulsing Controller, Converters, Decoders, and Translators)

814-4 Selectors, Finders, Rotary Switches, and Connectors

814-5 Trunk and Repeater Equipments

814-6 Test and Alarm Equipments

Number	Issue	Subject
814-0 Indexes, General Information, and Miscellaneous Equipments		
Indexes		
814-000-000	41	Numerical Index — Division 814 — Equipment Design and General Equipment Requirements and Engineering Information — Step-by-Step Systems
General		
Addendum	2	
814-005-150	3	(J39206) - General Outline — No. 1 and 350A Offices
814-005-151	8	(J38805) - General Outline — No. 355A Office
814-005-152	3	(J39225) - General Outline — Common Control Facilities — No. 1, 350A and 355A Offices
814-005-153	4	(J38812) - General Outline — No. 356A Office
814-006-150	5	(J38809) - Line Frame and Associated Equipment Units — No. 356A Office
814-007-150	9	(J38801) - Equipment Frames and Units — No. 360A Office
Addendum	3	
814-008-150	7	(J39210) - Western Electric Company Equipment for Additions to 35E97 Offices
814-009-150	2	(J39209) - Modification Procedures for Line Load Control and Associated Traffic Load Indicating Devices — No. 1, 350A, 355A, 360A and 35E97 Offices
814-011-170	2	7A Announcement System for Machine Intercept Service — Engineering Information
814-012-170	1	Line Number Method — Prepay Coin Control — No. 350A, 355A, 360A and 35E97 Offices — Engineering Information
814-013-150	3	(X61420) - Modification of Primary and Secondary Line Switch Equipment to Reduce Double Plunging of Line Switches and Spark Protection Equipment for Primary and Secondary Master Switch Wipers
814-013-170	1	Extension of Subscriber Loop Ranges — Engineering Information
814-014-170	2	Interoffice Trunk Ranges — Supervision and Pulsing Limits
814-020-180	4	Performance Requirements — No. 1, 350A, 355A, 356A and 360A Offices
814-020-181	2	Performance Requirements — Common Control Equipment
814-021-182	4	Detailed Inspection Procedures — Central Office and PBX Equipment
Miscellaneous Frames		
Addendum	1	
814-025-150	10	(J32602) -Traffic Register Rack — No. 1 and 350A Offices
814-026-150	7	(J93005) - Plugging-Up Frame — Central "A" Switchboard Office
Miscellaneous Equipments		
Addendum	2	
814-050-151	15	(J33017) - Miscellaneous Relay Rack Units — 2- by 23-Inch Mounting Plates

Number	Issue	Subject
Addendum	1	
814-050-152	8	(J91104) - Relay Rack Equipment — For 13C, 13D, 15C, and 15D Switchboards — No. 1 and No. 5 Crossbar Panel, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 815-075-152, 150)
814-050-153	7	(J91101) - Relay Rack Equipment — For 15C and 15D "A" Switchboards
814-052-150	10	(J32307) - Repeater Units, Frames, and Shelves — No. 1, 350A, 355A, and 702A PBX Offices
814-053-150	12	(J32312) - Miscellaneous Switches and Shelves — No. 1, 350A, 355A, 35E97, and 702A PBX Offices (also numbered 809-804-154)
Addendum	1	
814-054-150	2	(J33011) - Emergency Manual Equipment
814-055-150	3	(J39202) - Line Busy Recorder
814-056-150	2	(J32009) - Permanent Signal Finder and Associated Units
Addendum	1	
814-058-150	2	(J34901) - Trunk Group Usage Equipment — No. 1 and 350A Offices

814-1 Automatic Message Accounting

814-100-150	2	(J39215) - General Outline — No. 1 Office
814-100-151	4	(J39220) - General Outline — (CAMA) — Intertoll Dialing Office
814-100-170	3	General — Centralized Automatic Message Accounting — Intertoll Dialing Office — Engineering Information
814-100-180	4	Performance Requirements — No. 1 Office
814-100-181	1	Performance Requirements — (CAMA) — Intertoll Dialing Office
Addendum	1	
814-105-150	3	(J37903) - Sender Frame (AMA) — No. 1 Office
814-105-151	4	(J37902) - Sender Frame — Supplementary Connector Bay For Modified Automatic Ticketing Sender Frames — No. 1 Office
814-105-152	2	(J38205) - Sender-Trunk Connector Frame — No. 1 Office
814-105-153	4	(J38201) - Trunk Finder-Sender Trunk Connector Frame — And Supplementary Sender Trunk Connector Frame — No. 1 Office
Addendum	1	
814-105-154	2	(J32101) - Sender-Transverter Connector Frame — No. 1 Office
814-105-155	6	(J38902) - Sender Frame and Multifrequency Receiver Frame — (CAMA) — Intertoll Dialing Office
814-106-150	5	(J38903) - Decoder Frame, Route Relay Frame and Foreign Area Translator Frame — (CAMA) — Intertoll Dialing Office
Addendum	2	
814-106-151	5	(J99301) - PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification
Addendum	1	
814-106-152	2	(J38914) - Pretranslator and Pretranslator Connector Frame — (CAMA) — Intertoll Dialing Office
Addendum	1	
814-107-150	3	(J32401) - Transverter Frame — No. 1 Office
Addendum	1	
814-107-151	3	(J38904) - Transverter Frame — (CAMA) — Intertoll Dialing Office
Addendum	3	
814-108-150	4	(J38813) - Identifier Frame and Associated Translator — Dynamic Overload Control Units — No. 1 Office
Addendum	1	
814-108-151	2	(J38206) - Identifier Trunk Connector Frame — No. 1 Office
Addendum	1	
814-109-150	5	(J37801) - Thousands-Number Frame — No. 1 Office
Addendum	1	
814-110-150	5	(J37802) - Common Number and Class Frame — No. 1 Office

Number	Issue	Subject
814-111-150	4	(J38203) - Code Connector Frames — No. 1 Office
Addendum	1	
814-112-150	6	(J38907) - Connector and Position Link Frames — (CAMA) — Intertoll Dialing Office
Addendum	2	
814-113-150	5	(J38912) - Call Identity Indexer Frame and Units — (CAMA) — Intertoll Dialing Office
Addendum	2	
814-113-151	10	(J22151) - Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem — No. 4 Type Toll Switching
Addendum	1	
814-114-150	3	(J38906) - Incoming Register and Link Frame — (CAMA) — Intertoll Dialing Office
Addendum	3	
814-115-150	4	(J38908) - Recorder Frame — (CAMA) — Intertoll Dialing Office
Addendum	1	
814-115-151	12	(J22462) - Recorder Frames — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching, and Step-By-Step Systems (also numbered 120-150, 818-108-150, and 819-114-150)
814-116-150	12	(J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment — Billing Data Transmitter Frame — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching (also numbered 816-107- 150, 817-121-150, 818-111-150, and 819-115-150)
Addendum	2	
814-117-150	3	(J38909) - Master Timing Frame — (CAMA) — Intertoll Dialing Office
Addendum	2	
814-117-151	11	(J22451) - Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 816-106-150, 817-105-150, 150)
Addendum	2	
814-118-150	8	(J21350) - CAMA Switchboard (also numbered 817-101-150, 818-102-150, and 819-101-150)
814-119-150	3	(J38814) - Outpulser and Outpulser- Identifier — Connector Frames — (AMA) — No. 1 Office
Addendum	2	
814-130-150	3	(J38910) - Miscellaneous Relay Rack Units — (CAMA) — Intertoll Dialing Office

814-2 Automatic Number Identification Equipments

814-200-180	4	Performance Requirements — Automatic Number Identification — Type B
814-200-181	1	Performance Requirements — Type C — No. 1, 350A, 355A, and 35E97 Offices
814-201-150	6	(J95105) - Identifier Frame — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 815-300-150 and 816-201-150)
814-202-150	8	(J95109) - Number Network, "X" Number Network, and Miscellaneous Number Network Frames — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 815-303-150 and 816-203-150)
Addendum	3	
814-203-150	2	(J38941) - Number Network and Identifier Frames — Type C — No. 1, 350A, 355A, and 35E97 Offices
814-204-150	9	(J95107) - Outpulser Frame — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 815-301-150 and 816-204-150)

Number	Issue	Subject
Addendum	3	
814-204-151	5	(J38942) - Outpulser and Test Frame — Type C — No. 1, 350A, 355A, and 35E97 Offices
814-205-150	5	(J99250) - Line Verification and Miscellaneous Relay Rack Equipment — Type B
814-206-150	3	(J38950) - Type D — No. 1, 350A, 355A, or 35E97 Offices
814-207-150	1	(J38951) - Type E — No. 1 Step-by-Step With AMA

814-3 Common Control and Touch-Tone Equipments (Register Trunk and Link, Outpulsing Controller, Converters, Decoders, and Translators)

814-300-150	8	(J38934) - Register Trunk and Link Frames — Common Control
814-310-150	5	(J38921) - Originating Register and Outpulsing Controller Frame — Common Control
814-320-150	7	(J33024) - Converter Frame
814-321-150	2	(J38922) - Touch-Tone Converter Frame — Common Control
814-322-150	1	(J38936) - Converter and Link Frame — Touch-Tone Type D
814-322-151	1	(J38937) - Converter and Link Frame Touch-Tone Type E
Addendum	1	
814-330-150	5	(J38925) - Translator and Decoder Frame — Supplementary Decoder Frame — Decoder Route Relay Frame and Foreign Area Translator Frame — Common Control
Addendum	1	
814-330-151	2	(J38924) - Translator and Decoder Connector Frames — Common Control

814-4 Selectors, Finders, Rotary Switches, and Connectors

Selectors

814-400-150	6	(J32313) - Multipling of Trunks From Selector Levels
814-400-170	1	Digit-Absorbing Selectors — Engineering Information
❑ 814-401-150	14	(J32310) - Selectors and 3- and 10-Capacity Selector Shelves — No. 1, 350A, 355A, 35E97, and 702A PBX Offices (also numbered 809-804-152) NOTE: Replaced by 809-804-152
❑ 814-401-151	15	(J32302) - Selector and 20-Capacity Selector Shelves — No. 1, 350A and 702A PBX Offices (also numbered 809-804-151) NOTE: Replaced by 809-804-151
814-402-150	9	(J38806) - Selector Repeaters — 10- and 20-Capacity Selector Repeater Shelves

Finders

814-410-170	1	200-Point Line Finder and Trunk Finder Equipments — No. 1, 350A, 355A and 35E97 Offices — Engineering Information
Addendum	3	
814-411-150	10	(J32006) - 100 and 200 Point Line Finders — 10-, 16-, and 20-Capacity Line Finder Shelves — Control and Lockout Features — No. 355A Offices
814-412-150	12	(J32001) - 200-Point Line Finders — 16-, 20- and 30-Capacity Line Finder Shelves — No. 1 and 350A Offices
Addendum	2	
814-413-150	8	(J32007) - 200-Point Line Finders — 20- and 30-Capacity Line Finder Shelves — No. 1, 350A, 355A, and 35E97 Offices
Addendum	2	
814-414-150	10	(J32004) - Trunk and Converter Finders and 10-Capacity Finder Shelves — No. 1, 350A, 355A, and Intertoll Dialing Offices
814-415-150	11	(J32003) - Trunk Finders, Switch Frame, Intercepting Trunk, and 4-, 6-, 10-, 16-, and 20-Capacity Finder Shelves
Addendum	1	
814-415-151	6	(J32008) - Trunk Finders — Switch Frame, Intercepting Trunks and 20-Capacity Trunk Finder Shelves

	Number	Issue	Subject
	Rotary Switches		
	814-425-150	7	(J33020) - Subscriber Rotary Line Switch and 22-Point Line or Trunk Finder — Relay Rack Units
	814-426-150	12	(J33001) - 3- or 4-Wire Rotary Out-Trunk Switch Units — No. 1, 350A, 355A, and 35E97 Offices
	Addendum	1	
	814-427-150	5	(J33010) - 5-Wire Rotary Out-Trunk Switch Units — No. 1 Office With AMA
	Connectors		
❑	814-435-150	13	(J32311) - Connectors and Connector Shelves — No. 1, 350A, 355A, and 35E97, and 702A PBX Offices NOTE: Replaced by 809-804-153

814-5 Trunk and Repeater Equipments

	Number	Issue	Subject
	Trunk Equipment		
	814-501-150	5	(J38901) - Incoming Trunk Frame — Intertoll Dialing Office — (CAMA)
	Addendum	2	
	814-505-150	5	(J33902) - Outgoing Trunk Frame — (AMA) — No. 1 Office
	814-506-150	7	(J38923) - Outgoing Trunk Frames — (ANI — Type B and C and Non-CAMA) — Common Control
	Addendum	1	
	814-507-150	8	(J38943) - Trunk Frames (ANI-Type B and C)
	814-507-151	10	(J95108) - Trunk Frames — Automatic Number Identification— Type B No. 1 Crossbar and Panel (also numbered 815-302-150 and 816-207-150)
	814-508-150	1	(J33028) - Outgoing Trunk Frame — (OGT to No. 1 ESS™ in Same Building)
	814-509-150	4	(J38815) - Outgoing Trunk and Outpulser Connector Frame — No. 1 Office With AMA
	Addendum	1	
	814-510-150	2	(J33903) - Coin Zone Outgoing Trunk Frame — (AMA) — No. 1 Office
	814-510-151	4	(J99256) - Concentrating Frame — For Coin Zone Trunk Units
	Addendum	1	
	814-520-150	13	(J33013) - One-Way Interoffice Trunks — Relay Rack Units
	814-521-150	7	(J33014) - 2-Way Interoffice Trunks — Relay Rack Units
❑	814-522-150	6	(J61401) - Miscellaneous Intertoll Trunks and Associated Equipments — Relay Rack Units NOTE: Replaced by 804-001-152
	814-523-151	12	(J33015) - Coin and Message Register Trunks and Auxiliary Trunk and Line Circuit Units — Relay Rack Units — (2- by 23-Inch Mounting Plates)
	814-524-150	10	(J33016) - Intercepting Trunks for Manual or Machine Intercepting
	814-525-150	5	(J33025) - Converter Trunk Frame
	814-526-150	1	(J33029) - Intercept Trunk Frame for AIS With ANI Type C or D — No. 1, 350A, 355A, or 35E97 Offices
	Addendum	2	
	814-527-150	1	(J33030) - Local Directory Assistance Trunk Frames for 411 Services (ANI Type B, C and D) — No. 1, 350A, 355A or 35E97 Offices
	814-528-150	1	(J33031) - Selector Trunk Frame for Busy Line Verification — No. 1 or 350A Office
	Repeater Equipment		
	814-540-150	6	(J33019) - Repeaters, Pulse Correcting Repeaters and Incoming Trunks — Relay Rack Units

Number	Issue	Subject
814-6 Test and Alarm Equipments		
Test Frames and Units		
814-600-150	9	(J93403) - Trouble Ticketer Frame — Automatic Number Identification-Type B (also numbered 815-408-150 and 816-206-150)
Addendum	1	
814-601-150	3	(J34102) - Trouble Recorder Frame — (AMA) — No. 1 Office
814-602-150	8	(J38911) - Trouble Ticketer and Test Frame — (CAMA) — Intertoll Dialing Office
Addendum	1	
814-602-151	4	(J38927) - Manual Test and Trouble Ticketer Frame — Common Control
Addendum	1	
814-603-150	5	(J38929) - Automatic Test Frame — Common Control
Addendum	2	
814-604-150	3	(J34302) - Automatic Trunk Test Frame — AMA — No. 1 Office
814-604-151	4	(J34304) - Automatic Outgoing Trunk Test Frame — No. 1 and 350A Offices
Addendum	1	
814-605-150	5	(J34303) - Manual Outgoing Trunk Test Frame
814-606-150	5	(J33302) - Sender-Identifier-Transverter Test Frame and Line Verification Unit — (AMA) — No. 1 Office
814-607-150	10	(J93402) - Outpulser-Identification-Trunk Test Frames — Automatic Number Identification-Type B (also numbered 815-409-150 and
814-608-150	5	(J33601) - Line Insulation Test Frame — No. 1 and 350A Offices
Addendum	1	
814-609-150	2	(J34305) - Remote Office Test Line Equipment — No. 1, 350A, 355A, 360A, and 35E97 Offices
Addendum	1	
814-609-151	2	(J34306) - Remote Office Test Line-2 Equipment — No. 1, 350A, 355A, 35E97 or Intertoll Dialing CAMA Office
814-609-152	4	(J34307) - Remote Office Test Line-3 — No. 1, 350A, 355A, 35E97 or Intertoll Dialing Office or 701B PBX Office
814-609-180	1	Performance Requirements for Expanded Remote Office Test Line (ROTL-2)
814-610-150	4	(J38935) - Trunk and Outpulser Test Frame (AMA) — No. 1 Office
Addendum	1	
814-620-150	5	(J33021) - Dial and Ringer Test Units — No. 1 and 350A Offices
Addendum	2	
814-621-150	10	(J34709) - Miscellaneous Test Line Units and Jack Equipments — No. 1, 350A, 360A, and 702A PBX Offices
❑ 814-622-150	3	(J33018) - Miscellaneous Test Units Associated With Local Test Desks No. 12C and 14 — Local Test Cabinet No. 3 and Repair Service Desk No. NOTE: Replaced by 804-001-152
Test Sets		
❑ 814-630-150	6	(J34728) - Automatic Call Thru Test Set — (Box Type) — For Testing of Switch Trains NOTE: Replaced by 809-259-150
Addendum	1	
814-631-150	3	(J34727) - Test Set — (Box Type) — Common Control
814-632-150	1	(J38913) - CAMA Test Set — (Box Type) — Intertoll Dialing Office
814-633-150	4	(J34701) - Test Set — (Box Type) — 355A and 35E97 Offices
814-634-150	4	(J33026) - Converter Test Set — (Box Type)
❑ 814-635-150	3	(J34715) - Line Finder and Trunk Finder Test Set — (Box Type) — Individual, 2-Party Message and Flat Rate Lines NOTE: Replaced by 809-804-153

	Number	Issue	Subject
	814-635-151	4	(J34718) - Line Finder and Trunk Finder Test Set — (Box Type) — Individual Message and Flat Rate Lines
	814-636-150	5	(J34721) - Rapid Operation Line Finder and Outgoing Repeater Test Set — (Box Type)
	814-637-150	1	(J34730) - Trunk Test Set For Testing Multifrequency Pulsing Non-CAMA Outgoing Trunk Arranged For Timed Disconnect — (Box Type) — Common Control
❑	814-637-151	6	(J94710) - Trunk Test Set — (Box Type) NOTE: Replaced by 804-910-150
	814-638-150	8	(J34722) - Connector, Selector and Trunk Test Set — Noncoin — (Box Type) — No. 355A, 356A, and 35E97 Offices
❑	814-638-151	5	(J94704) - Line Finder, Selector, and Connector Test Set — (Box Type) — No. 350A and 360A Offices and 701A, 701B, 702A, 711A and 711B PBXs NOTE: Replaced by 809-258-151
	814-639-150	4	(J34719) - Connector Test Set — (Box Type)
	814-640-150	3	(J34725) - Register Test Set — (Box Type) — No. 1, 350A, 355A, and 356A Offices
	814-640-151	5	(J34706) - Register Test Set — (Box Type)
	814-641-150	3	(J34717) - Pulsing Test Set — (Box Type)
	814-641-151	4	(J34720) - Pulse Repeating Test Set — (Box Type) — For Testing Repeater "A" Relays
	814-642-150	3	(J34726) - Auxiliary Test Set — (Box Type) — For Testing B, C, and F Relays of Line Finders — No. 1 Office
	814-643-150	5	(J34724) - Message Ticketer Test Set — (Box Type)
	814-644-150	1	(J34731) - Trunk Test Set for ANI-Type D (Portable Box Type)
	814-644-151	1	(J34732) - Local Directory Assistance Test Set (Portable Box Type) for Use With ANI-Type B, C, or D
	814-644-152	1	(J34733) - AIS Outgoing Trunk Test Set for ANI-Type C or D (Portable Box Type)
	814-645-150	1	(J34734) - Converter Tests Set for Touch- Tone Type E (Portable Box Type)

Alarm Equipments

	814-675-150	12	(J38304) - No. 1, 350A Dial Offices and 702A PBX Offices (also numbered 809- 250-150)
	814-676-150	6	(J33022) - Maintenance Alarm Bay and Alarm Equipments — No. 355A Offices
	814-676-151	2	(X61383) - Office Alarm Equipment or Additions of 11'-6" Frames to 9' Frame Offices in Which an Alarm Rack Is Installed

Division 816

Equipment Design and General Requirements and Engineering Information — No. 1 Crossbar System

816-0 Indexes and General Information

816-1 Automatic Message Accounting Equipments

816-2 Automatic Number Identification Equipments

816-3 Connector and Marker Equipments

816-4 Junctor and Link Equipments

816-5 Sender and 6-Digit Translation Equipments

816-6 Test Equipment and Trouble Indicator Equipment

816-7 Trunk and Zone Equipments

Number	Issue	Subject
816-0 Indexes and General Information		
816-000-000	14	Numerical Index — Division 816 — Equipment Design and General Equipment Requirements and Engineering Information — No. 1 Crossbar System
General		
816-005-100	2	Equipment Nomenclature
816-006-180	3	Central Office Equipments — Detailed Inspection Procedures
Addendum	1	
816-007-181	4	Central Office Equipments — Performance Requirements
816-008-150	1	(J29258) - Requirements Applying to Small Offices
816-009-200	3	(J29254) - Installation of Additions to Central Offices
Addendum	1	
816-010-150	3	(J29255) - Office Junctor Redistribution Procedures for the Installation of Additions to Central Offices
816-011-150	3	(J29256) - Line Junctor Redistribution Procedures for the Installation of Additions to Central Offices
816-012-150	1	(J29252) - Centralized "A" and "B" Switchboard Equipment — Engineering Information
816-014-180	1	Procedure for Making Cutover Preparation Tests During Installation Load Test
Cabling and Wiring		
816-015-150	6	(J20150) - Switchboard Power Cabling of Miscellaneous Wiring of Major Frames
816-016-150	5	(J20151) - Limiting Resistance of Leads Between Frames and Units
Miscellaneous Frames and Relay Rack Equipments		
816-020-150	2	(J27058) - Line Distributing Frame
816-021-150	2	(J27057) - Message Register Distributing Frame
Addendum	1	
816-022-150	7	(J22750) - Office Interrupter Frame
Addendum	2	
816-023-150	13	(J28351) - Floor Alarm Frame for Use in Offices with No. 301C Power Plants
816-024-150	8	(J23051) - Miscellaneous Frame Equipment
Addendum	1	
816-025-150	4	(J27050) - Message Register Rack (Unit Type) and Message Timing Frame
816-026-150	10	(J23052) - Relay Rack Equipment
Addendum	1	
816-027-150	11	(J23066) - Auxiliary Relay Rack Mounted Equipment — Crossbar Tandem System (also numbered 817-041-150)
❑ 816-028-150	8	(J91104) - Relay Rack Equipment — For 13C, 13D, 15C, and 15D Switchboards — No. 1 and No. 5 Crossbar Panel, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814-050-152, 150) NOTE: Replaced by 814-050-152

	Number	Issue	Subject
❑	816-028-151	7	(J91101) - Relay Rack Equipment — For 15C and 15D "A" Switchboards NOTE: Replaced by 814-050-153
	816-029-150	4	(J91103) - 15D "A" Switchboard
	Addendum	1	
	816-030-150	1	(J25151) — Multifrequency Pulsing — Receiver Frame
	Miscellaneous Equipments		
	816-040-150	6	(J25551) - End Guards, Aisle Pilot Lamp Supports, Distributing Power Terminal Strip Supports, Record Books and Holders, Spare Fuse Mountings, and Print Display Boards
	Addendum	1	
	816-042-150	3	(J21556) - Number Checking Equipment
	Addendum	1	
	816-043-150	5	(J27059) - Traffic Register Equipment Using 300-Capacity Traffic Register Cabinet
	Addendum	1	
	816-044-151	9	(J27054) - Traffic Register Equipment Using 400-Capacity Traffic Register Rack
	816-045-150	4	(J99230) - Modification Requirements for Line Load Control and Associated Traffic Load Indicating Devices
	816-060-180	2	Inspection Requirements — Vertical Drive Shafts and Associated Apparatus

816-1 Automatic Message Accounting Equipments

	Addendum	1	
	816-100-150	2	(J22472) - Auxiliary Transverter Link Frame
❑	816-101-150	10	(J22151) - Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem — No. 4 Type Toll Switching NOTE: Replaced by 814-113-151
	Addendum	1	
	816-102-150	2	(J22450) - Calling Line Register Frame
	816-103-150	3	(J22150) - District Group Connector Frame
	816-104-100	3	(J22457) - General — Operating and Equipment Features
	816-105-150	4	(J22455) - Maintenance Recorder Frame
❑	816-106-150	11	(J22451) - Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 814-117-151, 817-105-150, 150)
	816-107-150	12	(J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment (also numbered 814-116-150,
❑	816-108-150	12	(J22462) - Recorder Frames — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 120-150, 818-108-150, and 819-114-150) NOTE: Replaced by 814-115-151
	816-109-150	6	(J22460) - Translator Frame
❑	816-109-151	5	(J99301) - PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification NOTE: Replaced by 814-106-151
	816-110-150	3	(J22152) - Transverter Connector Frame
	Addendum	1	
	816-110-151	7	(J22463) - Transverter Frame
	Addendum	1	
	816-110-152	6	(J22453) - Transverter Trouble Indicator Frame
	Addendum	1	
	816-111-150	1	(J22476) - AMA Translator Line Verification Test Circuit Equipment Units

	Number	Issue	Subject
816-2 Automatic Number Identification Equipments			
❑	816-200-180	4	Performance Requirements — Type B NOTE: Replaced by 814-200-180
❑	816-201-150	6	(J95105) - Identification Frame — Type B — No. 1 Crossbar, Panel, and Step-by- Step Systems (also numbered 814-201-150 and 815-300-150)
❑	816-202-150	5	(J99250) - Line Verification and Miscellaneous Relay Rack Equipment — Type B NOTE: Replaced by 814-205-150
❑	816-203-150	8	(J95109) - Number Network "X" Number Network, and Miscellaneous Number Network Frames — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 814-202-150 and 815-303-150) NOTE: Replaced by 814-202-150
❑	816-204-150	9	(J95107) - Outpulser Frame — Type B — No. 1 Crossbar, Panel, and Step-by-Step Systems (also numbered 814-204-150 and 815-301-150) NOTE: Replaced by 814-204-150
❑	816-205-150	10	(J93402) - Outpulser-Identifier-Trunk Test Frames — Type B NOTE: Replaced by 814-607-150
❑	816-206-150	9	(J93403) - Trouble Ticketer Frame — Type B NOTE: Replaced by 814-600-150
❑	816-207-150	10	(J95108) - Trunk Frames — Type B (also numbered 814-507-151 and 814-507-150) NOTE: Replaced by 814-507-151

816-3 Connector and Marker Equipments

Connector Equipments

	Addendum	1	
	816-300-150	5	(J27851) - Line Choice Connector Frame and Line Junctor Connector Frame
	Addendum	1	
	816-301-150	8	(J27852) - Number Group Connector Frame, Block Relay Frame and Relay Rack Mounted Direct Access Pretranslator Connector Equipment
	Addendum	2	
	816-302-150	6	(J28750) - Originating Marker Connector Frame
	816-303-150	4	(J21555) - Sender Test Connector Frame
	816-304-150	6	(J28850) - Terminating Marker Connector Frames
	Addendum	1	
	816-305-150	1	(J28158) - Outgoing Sender Connector Frame and Associated Equipment Units

Marker Equipments

	Addendum	1	
	816-350-150	12	(J28751) - Originating Marker Frame
	816-351-150	9	(J28853) - Terminating Marker Frame

816-4 Junctor and link equipments

Junctor Equipments

	816-400-150	9	(J27551) - District or Auxiliary District Junctor Frame
	816-401-150	5	(J27053) - District Junctor Grouping Frame
	Addendum	1	
	816-402-150	4	(J27052) - Office Junctor and Line Junctor Grouping Frames

Link Equipments

❑	Addendum	2	
❑	816-425-150	5	(J95104) - Auxiliary Sender Link Frame and Auxiliary Sender Link Extension Frame
	816-426-150	5	(J27552) - District Link Frame
	Addendum	1	
	816-427-150	6	(J27752) - Incoming Link and Incoming Extension Frames
	Addendum	3	
	816-428-150	6	(J21551) - Keypulsing Sender Link Frame or Coin Supervisory Link Frame

Number	Issue	Subject
816-429-150	8	(J27450) - Line Link Frame
Addendum	1	
816-430-150	8	(J27650) - Office Link and Office Extension Frames
816-431-150	10	(J27550) - Subscriber or Auxiliary Subscriber Sender Link Frame
816-432-150	7	(J27750) - Terminating Sender Link Frame
Addendum	1	
816-433-150	1	(J27557) - Outgoing Sender Link Frame for Use With Line Link Pulsing

816-5 Sender and 6-Digit Translation Equipments

Sender Equipments

Addendum	1	
816-500-150	6	(J95103) - Auxiliary Sender Frame Auxiliary Sender Equipment for Direct Distance Dialing — Engineering Information
816-500-180	1	Auxiliary Sender and Auxiliary Sender Link Circuit — Performance Requirements
816-502-150	14	(J27951) - Originating Sender Frame
Addendum	1	
816-503-150	19	(J27950) - Sender Make-Busy Frame
816-504-150	2	(J28052) - Sender and Position Finder Frame for Use With a Central "B" Switchboard
Addendum	2	
816-505-150	13	(J28050) - Terminating Sender Frame
816-506-150	3	(J27977) - Outgoing Sender Frame and Automatic Intercept Service Frame

6-Digit Translation Equipments

816-550-150	2	(J95112) - Translator Connector, and Route Grouping Frames
Addendum	1	
816-551-150	3	(J95111) - Code Compressor and Connector Frames and Subscriber Sender Recycle Frame

Number	Issue	Subject
Addendum	1	
816-560-150	1	(J22475) - Line Link Pulsing Translator Frame

816-6 Test Equipment and Trouble Indicator Equipment

Test Equipments

816-600-150	13	(J27553) - District Junctor Test Frame
Addendum	2	
816-601-150	12	(J27753) - Incoming Trunk Test Frame and Incoming Trunk Test Connector Frame (also numbered 817-701-150)
816-601-152	2	(J24004) - Recorder Frame
816-601-153	1	(J28555) - Remote Office Test Line — Crossbar Tandem and No. 1 Crossbar Switching System (also numbered 817- 701-154)
Addendum	2	
816-601-154	13	(J67447) — Automatic Outgoing Intertoll Trunk Test and Connector Frames — Automatic Transmission Test and Control Frames — Teletypewriter Frame — Floor Model 28-Type Teletypewriter — No. 4 Type Toll Switching Systems, Crossbar Tandem Switching System (also numbered 817-706-150 and 818-706-150)
Addendum	1	
816-602-150	4	(J23651) - Line Insulation Test Frame
Addendum	1	
816-603-150	12	(J27952) - Originating Sender Test Frame
816-604-150	18	(J28550) - Outgoing Trunk Test Frame (also numbered 817-700-150)
❑ 816-605-150	7	(J93005) - Plugging-Up Frame — Central "A" Switchboard Office NOTE: Replaced by 814-026-150
Addendum	3	
816-606-150	11	(J28051) - Terminating Sender Test Frame

Number	Issue	Subject
816-607-150	6	(J21554) - Zone Registration Test Frame
816-608-150	3	(J24751) - Incoming Trunk Test Set (Wagon Type)
816-609-150	1	(J27060) - Key Pulsing Set for Establishing Connections to Subscriber Lines by MF Key Operation
Addendum	1	
816-610-150	4	(J24750) - Message Register Test Set (Box Type)
❑ 816-610-151	5	(J34724) - Message Ticketer Test Set — (Box Type) NOTE: Replaced by 814-643-150
816-611-150	3	(J24758) - Trunk Test Set — LAMA, ANI, Operator Assistance Special Toll Trunks — Coin or Noncoin
Addendum	1	
816-612-150	2	(J94721) - Coin Zone Trunk Test Set — (Box Type)
Addendum	1	
816-613-150	1	(J22477) - Direct Inward Dialing — Test Frame

Trouble Indicating Equipment

Addendum	2	
816-620-150	5	(J23251) - Controller Trouble Indicator Frame
816-621-150	17	(J28752) - Originating Trouble Indicator Frame
816-622-150	13	(J28854) - Terminating Trouble Indicator Frame

Number	Issue	Subject

816-7 Trunk and Zone Equipments

Addendum	2	
816-700-150	6	(J27751) - Incoming Trunk Frames for Use With 100-Trunk Capacity Incoming Link Frames Permanent Signal Holding and Concentrating Arrangements — Engineering Information
Addendum	1	
816-702-150	6	(J28650) - Regular, Auxiliary, and Supplementary Incoming Trunk Frames for Use With 160-Trunk Capacity Incoming Link Frames
816-703-150	1	(J21557) - Coin Supervisory — Concentrator and Trunk Equipment
816-720-150	4	(J99256) - Concentrating Frame — For Coin Zone Trunk Units (J99229) - Dial Coin Zone Trunk Frame
816-722-150	4	(J21553) - Zone Registration Equipment

Division 817

Equipment Design and General Requirements and Engineering Information — Tandem Crossbar System

817-0 Indexes and General Information

817-1 Automatic Message Accounting Equipments

817-2 Link, Junctor, and Connector Equipments

817-3 Sender, Marker, and Translator Equipments

817-5 Traffic Service Position and Data Equipments

817-6 Trunk Equipments

817-7 Test and Alarm Equipments

Number	Issue	Subject
817-0 Indexes and General Information		
Indexes		
817-000-000	17	Numerical Index — Division 817 — Equipment Design and General Equipment Requirements and Engineering Information — Tandem Crossbar System
General		
817-010-100	9	(J29253) - General Outline — Operating and Equipment Features
817-013-180	9	Performance Requirements
817-014-180	3	Detailed Inspection Procedures
817-016-170	2	(J29268) - Provision of ANI Operation in CAMA Offices — Modification Procedures
817-018-150	3	(J29255) - Office Junctor Redistribution Procedures for the Installation of Additional Trunk and Office Link Frames
Cabling and Wiring		
817-035-150	2	(J20152) - Switchboard Power Cabling — Miscellaneous Wiring of Major Frames
817-036-150	3	(J20156) - Limiting Conductor Lengths Between Frames and Units
Miscellaneous Frames and Relay Rack Equipments		
❑ 817-040-150	10	(J23052) - Relay Rack Equipment NOTE: Replaced by 816-026-150
❑ Addendum	1	
817-041-150	11	(J23066) - Auxiliary Relay Rack Mounted Equipment — (also numbered 150)
817-042-150	7	(J22750) - Office Interrupter Frame
Addendum	1	
817-043-150	3	(J28762) - Group-Busy Frame
❑ 817-044-150	1	(J25151) - Multifrequency Pulsing — Receiver Frame NOTE: Replaced by 816-030-150
817-045-150	4	(J27050) - Message Register Rack (Unit Type) and Message Timing Frame
817-047-150	3	(J22653) - Traffic Supervisory Cabinet
817-048-151	3	(J99324) - Announcement Frame — No. 5A Announcement System
Miscellaneous Equipments		
❑ 817-060-150	6	(J25551) - End Guards, Aisle Pilot Lamp Supports, Distributing Power Terminal Strip Supports, Record Books and Holders, Spare Fuse Mountings and Print Display Boards NOTE: Replaced by 816-040-150
817-062-150	4	(J92608) - Sender Attachment Delay Equipment (also numbered
❑ Addendum	1	
817-064-150	5	(J27059) - Traffic Register Equipment Using 300-Capacity Traffic Register Cabinet
❑ Addendum	1	
❑ 817-064-151	9	(J27054) - Traffic Register Equipment Using 400-Capacity Traffic Register Rack NOTE: Replaced by 816-045-151

	Number	Issue	Subject
	Addendum	1	
	817-065-150	1	(J27061) - Point-to-Point Data Recorder Frame
❑	817-070-180	2	Inspection Requirements — Vertical Drive Shafts and Associated Apparatus NOTE: Replaced by 816-060-180

817-1 Automatic Message Accounting Equipments

	817-100-170	2	Centralized AMA — Operator Identified
	817-101-150	8	(J21350) - CAMA Switchboard (also numbered 814-118-150, 818-102-150, and 819-101-150) NOTE: Replaced by 814-118-150
	817-102-150	3	(J1P004) - Computerized Recording — Automatic Message Accounting — CAMA-C (also numbered 818-114-150)
❑	817-105-150	11	(J22451) - Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814-117-151, 816-106-150, 150) NOTE: Replaced by 814-117-151
	Addendum	1	
	817-106-150	5	(J22464) — Billing Indexer Frame (also numbered 818-109-150)
❑	817-107-150	10	(J22151) - Call Identify Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem — No. 4 Type Toll Switching NOTE: Replaced by 814-113-151
	817-108-150	4	(J28053) - Position Link Frame
	Addendum	2	
	817-110-150	2	(J22155) - Sender Register Connector Frame
	Addendum	4	
	817-111-150	2	(J27755) - Incoming Register and Link Frame
	817-112-150	6	(J22465) - Transverter Frame
	Addendum	1	
	817-112-151	4	(J22154) - Transverter Connector Frames
❑	817-120-150	12	(J22462) - Recorder Frames — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 108-150, 818-108-150, and 819-114-150) NOTE: Replaced by 814-115-151
❑	817-121-150	12	(J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Processor Control Register Equipment — Billing Data Transmitter Frame — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching, and Step-By-Step Systems (also numbered 814-116-150, 816- 107-150, 818-111-150, and 819-115-150) NOTE: Replaced by 814-116-150

817-2 Link, Junctor, and Connector Equipments

Link Equipment

	817-200-150	4	(J27554) - Trunk Link and Trunk Link Extension Frames
❑	817-201-150	8	(J27650) - Office Link and Office Extension Frames NOTE: Replaced by 816-430-150
	817-202-150	6	(J28450) - Sender Link Frame
	Addendum	1	
	817-203-150	3	(J28765) - 10-Digit Incoming Register and Link Frames

Junctor Equipments

	817-210-150	4	(J27052) - Office Junctor and Line Junctor Grouping Frames

Connection Equipments

	817-215-150	6	(J28150) - Marker Connector Frames

Number	Issue	Subject
817-3 Sender, Marker, and Translator Equipments		
Sender Equipments		
Addendum	1	
817-300-150	8	(J27953) - RP, MF, and DP Sender Frames
817-301-150	8	(J27969) - DP and MF Sender Frames
Addendum	1	
817-301-151	8	(J27968) - Functional DP and MF Sender Units
Addendum	3	
817-302-150	5	(J27961) - PCI Sender Frame
Marker Equipments		
817-310-150	4	(J28761) - Marker Frame (Ring Type)
817-310-151	11	(J28753) - Marker Frame (Route Relays)
Translator Equipments		
Addendum	1	
817-315-150	2	(J28772) - Translator Frame
817-316-150	2	(J22474) - Pretranslator Frames
817-5 Traffic Service Position and Data Equipments		
817-500-150	1	(J29271) - Operation of CAMA Offices With 100A TSP — Modification Procedures
Addendum	1	
817-504-150	4	(J92905) - Automatic Operator Training Equipments
Addendum	2	
817-505-150	5	(J99268) - 100A Traffic Service Position Section and Associated Operating Room Equipment
Addendum	2	
817-505-151	4	(J99286) - Position and Position Control Frames and Units and Associated Signaling Equipment for Remote Operation
Addendum	1	
817-505-152	1	(J99318) - Night and Twilight Transfer Control Frames
817-505-153	3	(J28778) - Traffic Control Frame and Traffic Control Console
817-506-150	2	(J99293) - Cordboard Transfer Trunk Finder Frame
Addendum	2	
817-510-150	1	(J99269) - Link and Connector Frames
Addendum	1	
817-511-150	2	(J99270) - Link Controller Frame
817-516-150	5	(J99274) - Coin Charge Computer Frame
817-516-151	5	(J99273) - Rater Frames and Associated Equipment
817-521-150	2	(J28773) - Timer Link and Control Frame
Addendum	3	
817-530-150	4	(J99275) - Relay-Rack Mounted Equipment Units
Addendum	2	
817-540-150	3	(J22156) - Data Transfer Frames
817-6 Trunk Equipments		
817-600-150	9	(J29270) - Trunk Tables — Listing Trunk Unit Equipment, Features, and Options
817-601-150	10	(J27250) - Incoming Trunk Frames
Addendum	1	
817-602-150	5	(J27252) - Two-Way Trunk Frames
817-610-150	2	(J99304) - TSP Operator Outgoing Trunk Frames
817-611-150	4	(J27253) - Traffic Service Position Trunk Frames
817-615-150	5	(J27251) - AMA Trunk Frames
817-7 Test and Alarm Equipments		
Test Frames		
❑ 817-700-150	18	(J28550) - Outgoing Trunk Test Frame (also numbered 816-604-150) NOTE: Replaced by 816-604-150
❑ 817-701-150	12	(J27753) - Incoming Trunk Test Frame and Incoming Trunk Test Connector Frame (also numbered 816-601-150) NOTE: Replaced by 816-601-150

	Number	Issue	Subject
❑	817-701-152	2	(J24004) - Recorder Frame NOTE: Replaced by 816-601-152
	Addendum	1	
	817-701-153	2	(J23267) - Reorder Analysis and Data Connector Frame, Processor and Interface Cabinets for Computerized Maintenance and Administration Support
❑	817-701-154	1	(J28555) - Remote Office Test Line — Crossbar Tandem and No. 1 Crossbar Switching System (also numbered 816-601-153) NOTE: Replaced by 816-601-153
	Addendum	1	
	817-702-150	3	(J24050) - Trunk Test Frame for Use With Remote Control Zone Registration Trunks
	Addendum	2	
	817-705-150	10	(J98501) - Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay (also numbered 818-708-150 and 819-710-150)
❑	817-706-150	13	(J67447) - Automatic Outgoing Intertoll Trunk Test and Connector Frames — Automatic Transmission Test and Control Frames — Teletypewriter Frame — Floor Model 28-Type Teletypewriter — No. 4 Toll Switching Systems, Crossbar Tandem Switching System (also numbered 816-601-154 and 818-706-150) NOTE: Replaced by 816-601-154
	Addendum	2	
	817-710-150	9	(J23351) - Sender Test Frames — Sender and Register Test Connector Frames
	Addendum	1	
	817-711-150	7	(J24350) - Trunk Automatic Test and Connector Frames — (AMA TSP)
	Addendum	2	
	817-715-150	1	(J99299) - Position Test Frames — Position and Position Control Test Units — (TSP)
	Addendum	1	
	817-716-150	4	(J99277) - Rater-Charge Computer Test Frame — (TSP)
	Test Sets		
	Addendum	2	
	817-720-150	8	(J24752) - Trunk Test Set (Wagon Type) and Associated Equipment
	817-721-150	1	(J94722) - Auxiliary Trunk Test Set (Box Type)
	817-722-150	4	(J24750) - Message Register Test Set (Box Type)
	817-723-150	5	(J24753) - Test Set for Timing Tests
	817-730-150	7	(J23259) - Trouble Recorder and Connector Frames
	Addendum	3	
	817-731-150	8	(J21850) - Sender Make-Busy Frame
	817-732-150	3	(J22466) - Line Observing Frame — (AMA)
	Alarm Equipments		
	Addendum	3	
	817-740-150	6	(J28352) - Floor Alarm Unit

Division 818

Equipment Design and General Requirements and Engineering Information — No. 4 Type Toll Switching Systems

818-0 Indexes, General Information, and Miscellaneous Equipments

818-1 Automatic Message Accounting Equipments

818-2 Incoming Link, Outgoing Link, and Junctor Grouping Equipments

818-3 Sender, Register, Outpulser, Sender Link, Register Link, Outpulser Link, and Link Controller Equipments

818-4 Decoder, Translator, Marker, and Block Relay Equipments

818-6 Trunk and Trunk Assignment Equipments

818-7 Test Maintenance, and Alarm Equipments

Number	Issue	Subject
818-0 Indexes, General Information, and Miscellaneous Equipments		
Indexes		
818-000-000	21	Numerical Index — Division 818 — Equipment Design and General Equipment Requirements and Engineering Information — No. 4 Type Toll Switching Systems
General		
818-005-100	1	Equipment Nomenclature — No. 4M Office
818-005-150	6	(J69202) - General Outline — Operating and Equipment Features — No. 4A Office
818-005-170	1	General — No. 4M Office — Engineering Information
818-005-171	1	General — No. 4A Office — Engineering Information
818-007-150	3	(J69208) - Modification of No. 4M and Converted No. A4A Offices to Provide Separate Train-Combined Operation
818-007-151	1	(J69209) - Modification of No. 4A and Converted No. A4A Combined Train Offices to Provide Separate Train- Combined Operation — No. 4A Office
Addendum	1	
818-007-152	2	(J69212) - Modification Procedures to Provide Increased Capacity Features
Addendum	1	
818-007-153	2	(J69213) - Modification of Existing No. 4 Type Toll Offices for Electronic Translator System
818-007-154	2	(J69214) - Peripheral Bus Computer Retrofit Procedures for No. 4 Toll Offices Equipped With Electronic Translator System
818-010-180	4	Performance Requirements
818-011-150	3	(J67456) - Junctor Distribution — No. 4A Office
818-011-151	2	(J67410) - Junctor Distribution — No. 4M Office
Addendum	1	
818-011-152	3	(J67470) - Junctor Distribution — Direct Cabling TBC Plan — No. 4A Office
818-011-153	1	(J67495) - Junctor Distribution Cabling TC Plan — No. 4A Office
Cabling, Wiring, and Lighting		
818-030-150	3	(J60101) - Switchboard Power Cabling
818-031-150	5	(J60103) - Limiting Conductor Lengths — Office Wiring
Miscellaneous Frames		
818-040-150	4	(J67422) - Office Interrupter Frame
818-041-150	11	(J67444) - Alternate Route Traffic Control, Traffic Control — Network Control Frames and Auxiliary Recording Control Units
818-042-150	3	(J67450) - Sender Traffic Control Frame

	Number	Issue	Subject
	Addendum	1	
	818-043-150	5	(J67424) - Frame Identification Frequency Supply and Control Frame
	818-044-150	3	(J67465) - Outgoing Trunk Identification Frame
❑	818-045-150	3	NOTE: Replaced by 817-048-151 (J99324) - Announcement Frame — No. 5A Announcement System
	818-046-150	8	(J67448) - Circuits Busy Announcement Trunk Frame
❑	818-047-150	3	(J22466) - Line Observing Frame (AMA) NOTE: Replaced by 817-732-150
	818-048-150	3	(J67492) - Miscellaneous Frame for Electronic Equipment
	818-050-150	1	(J67516) - Transceiver and Connector Frame

Miscellaneous Equipments

❑	818-080-150	6	(J25551) - End Guards Aisle Pilot Lamp Supports, Distributing Power Terminal Strip Supports, Record Books and Holders, Spare Fuse Mountings, and Print Display Boards NOTE: Replaced by 816-040-150
	818-081-150	15	(J61564) - Miscellaneous Relay-Rack Mounted Units — No. 4 Type Toll Switching and No. 5 Crossbar Systems (also numbered 819-083-150)
❑	818-081-151	8	(J91104) - Relay Rack Equipment — For 13C, 13D, 15C, and 15D Switchboards — No. 1 and No. 5 Crossbar Panel, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814-050-152, 150) NOTE: Replaced by 814-050-152
	818-081-152	1	(J67505) - Remote Network — Management Control Units
	Addendum	2	
	818-082-150	6	(J62601) - Traffic Register Equipment
	818-082-151	7	(J62603) - Traffic Register Equipment
	818-082-152	2	(J67509) - Traffic Usage Interface and Supplementary Traffic Usage Interface Frames
	818-083-150	6	(J62604) - Traffic Supervisory Rack
	Addendum	2	
	818-083-151	5	(J62607) - Traffic Supervisory and Register Rack and Auxiliary Traffic Supervisory Cabinet Equipments
❑	818-084-150	4	(J92608) - Sender Attachment Delay Equipment (also numbered NOTE: Replaced by 817-062-150
	818-085-150	3	(J67506) - PBC Interface and Control Cabinet
	818-085-151	2	(J67507) - Peripheral Bus Computer Central Processor Unit
	818-086-150	1	(J67512) - Frame Identification Frequency Supply Unit
	818-087-150	1	(J67524) - PBC-I/O Terminal Transfer Unit

818-1 Automatic Message Accounting Equipments

	818-100-170	1	CAMA Facilities — General — Automatic Message Accounting — Engineering Information
	818-101-150	1	(J69210) - CAMA Modification Procedures
❑	818-102-150	8	(J21350) - CAMA Switchboard (also numbered 814-118-150, 817-101-150, and 819-101-150) NOTE: Replaced by 814-118-150
❑	818-103-150	4	(J28053) - Position Link Frame NOTE: Replaced by 817-108-150
	Addendum	2	
	818-104-150	3	(J67454) - CAMA Sender Link Frame
	818-105-150	7	(J67458) - CAMA Sender Frame
	818-106-150	3	(J67463) - Transverter Frame
	Addendum	1	
	818-106-151	1	(J67464) - Transverter Connector Frame

	Number	Issue	Subject
	Addendum	1	
	818-107-150	1	(J67459) - Trunk Class Translator and Supplementary Trunk Class Translator Frames
❑	818-108-150	12	(J22462) - Recorder Frames — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 150, 817-120-150, and 819-114-150) NOTE: Replaced by 814-115-151
❑	818-109-150	5	(J22464) - Billing Indexer Frames (also numbered 817-106-150) NOTE: Replaced by 817-106-150
❑	818-110-150	10	(J22151) - Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem NOTE: Replaced by 814-113-150
❑	818-111-150	12	(J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment (Also numbered 814-116-150, NOTE: Replaced by 814-116-150
❑	818-112-150	11	(J22451) - Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 814-117-151, 816-106-150, 150) NOTE: Replaced by 814-117-151
	818-113-150	2	(J67460) - Trouble Recorder Connector Frame
❑	818-114-150	3	(J1P004) - Computerized Recording — Automatic Message Accounting — CAMA-C — Crossbar Tandem (also numbered 817-102-150) NOTE: Replaced by 817-102-150
	818-113-150	2	

	Number	Issue	Subject
	818-2 Incoming Link, Outgoing Link, and Junctor Grouping Equipments		
	Incoming and Outgoing Link Frames		
	Addendum	1	
	818-200-150	10	(J67437) - Incoming Link Frame — Primary and Secondary Extension Frames
	Addendum	1	
	818-200-151	3	(J67493) — Incoming Link Frame (Small Switches) — Junctor and Trunk Extension Frames
	Addendum	1	
	818-201-150	6	(J67438) - Outgoing Link Frame — Primary and Secondary Extension Frames
	818-201-151	4	(J67494) - Outgoing Link Frame (Small Switch) — Junctor and Trunk Extension Frames
	Junctor Grouping Frames		
	Addendum	1	
	818-210-150	3	(J67409) - Junctor Grouping Frames
	818-3 Sender, Register, Outpulser, Sender Link, Register Link, Outpulser Link, and Link Controller Equipments		
	Sender and Outpulsing Equipments		
	818-300-150	8	(J67430) - Incoming Sender Frames — DP and MF Sender Equipment Units — No. 4A Office
	818-301-150	6	(J67452) - Incoming Sender Frames — DP and MF Sender Equipment Units — No. 4M Office
	818-302-150	8	(J67431) - Incoming DP and MF Sender Equipment Subunits
	818-303-150	7	(J67468) - Incoming MF Sender Frame — No. 4A Office
	Addendum	1	
❶	818-304-150	5	(J67467) - Overseas Sender Frame
	818-305-150	7	(J67413) - Outgoing Sender Frames — REV, PCI, SXS and CA Sender Equipment Units

Number	Issue	Subject
Sender Link, Register Link, Outpulser Link, Link Controller Equipments		
Addendum	2	
818-330-150	8	(J67402) - Incoming and Outgoing Sender Link Frames
Addendum	1	
818-331-150	13	(J67407) - Link Controller and Connector and Supplementary Link Controller Frames
Addendum	1	
818-334-151	1	(J67501) - Outpulser Link Controller Frame
Addendum	1	
818-335-151	1	(J67499) - Outpulser Link Frame
Incoming Register Equipments		
818-340-150	5	(J67457) - Incoming Register and Link Frame

818-4 Decoder, Translator, Marker, and Block Relay Equipments

Decoder Equipments		
Addendum	2	
818-400-150	9	(J67439) - Decoder Frame
818-401-150	1	
818-401-150	10	(J67449) - Decoder Connector Frame and Supplementary Decoder Connector Frame
Translator Equipments		
Addendum	1	
818-420-150	6	(J67442) - Card Translator Equipment
Addendum	1	
818-421-150	7	(J67445) - Foreign Translator Connector Frame and Emergency Translator Connector Frame
Addendum	1	
818-422-150	1	(J67469) - Pretranslator Frame
818-425-150	2	(J67471) - Decoder Channel Frame
Addendum	1	
818-425-151	2	(J67472) - Peripheral Scanner Frame
818-425-152	3	(J67473) - Distributor Register Frame
818-425-153	2	(J67474) - Alarm and Display Frame
818-425-154	4	(J67475) - Power Distributing Frame and Miscellaneous Power Distributing Units
818-425-155	1	(J67476) - Peripheral Function Translator Unit — Electronic Translator System
818-425-156	3	(J67479) - Teletypewriter Buffer Frame
818-425-161	3	(J67504) - Common Channel Interoffice Signaling — Terminal Group — No. 4A Toll Switching System or Traffic Service Position System No. 1 or 1B
818-425-163	1	(J67511) - Distributor and Scanner Frame
818-425-164	2	(J67514) - Common Channel Interoffice Signaling Voice Frequency Link Access Frame — No. 4A Toll Switching System or Traffic Service Position System No. 1 or 1B
Marker Equipments		
Addendum	1	
818-450-150	12	(J67440) - Marker Frame
Addendum	2	
818-451-150	7	(J67446) - Marker Connector Frames
Block Relay Equipment		
Addendum	1	
818-480-150	6	(J67408) - Block Relay Frame

818-6 Trunk and Trunk Assignment Equipments

Trunk Equipments		
818-600-150	5	(J69211) - Trunk Tables — Listing Trunk Equipment Units, Features, and Options
818-601-150	6	(J67466) - Trunk Frames for Mounting Plate and Plug-In Units
818-602-150	15	(J61561) - Intertoll Trunks — Relay-Rack Mounted, Trunk-Frame Mounted, and Plug-In Units
818-603-150	15	(J61562) - Incoming Toll Connecting Trunks — Relay Rack Mounted Units

Number	Issue	Subject
818-604-150	14	(J61563) - Outgoing Toll Connecting Trunk — Relay Rack Mounted and Plug-In Units

Trunk Assignment Equipments

818-630-151	2	(J67434) - Trunk Assignment Distributing Frame
818-631-150	3	(J67421) - Trunk Assignment Patch Bay

818-7 Test, Maintenance, and Alarm Equipments

Test Frames

818-701-150	9	(J67443) - Trouble Recorder Frame
Addendum	1	
818-702-150	3	(J67462) - Incoming Sender and Register Test Frame
818-702-151	1	(J67508) - Outpulser Link Controller Test Frame
818-703-150	3	(J67436) - Outgoing Sender Test Frame — No. 4A Office
818-704-150	5	(J67419) - Sender Test Connector Frame — No. 4M Office
818-705-150	12	(J67418) - Automatic Outgoing Toll Connecting Trunk — Operational and Transmission Test Frames — Supplementary AOTT Frame, Outgoing Toll Connecting Trunk Test Connector Frame
818-706-150	13	(J67447) - Automatic Outgoing Intertoll Trunk Test and Connector Frame — Automatic Transmission Test and Control Frames — Teletypewriter Frame — Floor Model 28-Type Teletypewriter — No. 4 Type Toll Switching Systems, Crossbar Tandem Switching System (also numbered 150)
Addendum	1	
818-706-151	4	(J67478) - Automatically Directed Outgoing Intertoll Trunk Test Frame, Automatically Directed Outgoing Intertoll Trunk Test Connector Frame and Card Reader Console
Addendum	1	
818-706-152	1	(J67513) - Outgoing Trunk Test Connector Frame
818-706-153	1	(J67518) - ATME-2/Foreign Exchange Routine — Evaluation Testing System Interface Frame
818-707-150	4	(J67461) - Automatic Incoming Trunk Test and Connector Frames (CAMA)
818-707-151	2	(J67519) - Signaling Analysis Connector Frame
❑ 818-708-150	10	(J98501) - Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay NOTE: Replaced by 817-705-150 710-150) .LI " 818-708-1514" (J67496) - Manual Test Frame — Test and Make-Busy Jack Frame
818-709-151	2	(J67515) - CCIS Intraoffice Trunk Test Frame
818-709-152	1	(J67521) - Common Channel Interoffice Signaling — Voice Frequency Link Test Frame

Test Sets

818-740-150	6	(J63525) - Incoming, Outgoing and Intertoll Trunk Test Set (Wagon Type) and Associated Relay Rack Equipment
818-741-150	4	(J64727) - Frame Identification Frequency Supply Test Set (Box Type)
818-742-150	3	(J67453) - Translator Test Set and Associated Equipment
818-743-150	1	(J67477) - Trunk Test Set (Portable Plug-In Type) for MF Pulsing, E & M Lead Supervision Toll Switching Trunks

Maintenance Equipments

Addendum	2	
818-760-150	3	(J67427) - Trouble Tracing Step-By-Step Selector Frame for Use With Intertoll Trunk Concentrator
Addendum	2	
818-761-150	7	(J67435) - Sender Make-Busy Frame and Auxiliary Sender Make-Busy Frame — No. 4A Office
818-761-151	6	(J67416) - Register Make-Busy Frame — No. 4M Office

Number	Issue	Subject
Alarm Equipments		
Addendum	2	
818-780-150	5	(J67441) - Floor Alarm Frame
818-780-151	7	(J67423) - Floor Alarm Units

Division 819

Equipment Design and General Requirements and Engineering Information — No. 3, No. 5, and No. 5A Crossbar Systems

819-0 Indexes, General Information, and Miscellaneous Equipments

819-1 Automatic Message Accounting Equipments

819-2 Link and Junctor Grouping Equipments

819-3 Marker, Connector, and Number Group Equipments

819-4 Register, Sender, and Translator Equipments

819-6 Trunk Equipments

819-7 Test and Alarm Equipments

819-9 No. 3 and 5A Crossbar

Number	Issue	Subject
819-0 Indexes, General Information, and Miscellaneous Equipments		
Indexes		
819-000-000	50	Numerical Index — Division 819 — Equipment Design and General Equipment Requirements and Engineering Information — No. 3, No. 5, and No. 5A Crossbar Systems
General		
Addendum	1	
819-005-150	13	(J29259) - General Outline — Operating and Equipment Features — Basic No. 5 Crossbar Office
819-005-151	4	(J29274) - General Outline — Automatic Call Distributor — Operating and Equipment Features
819-005-152	3	(J29276) - General Outline — Operating and Equipment Features — Additional Customer Services
Addendum	1	
819-005-153	1	(J29278) — General Outline — Operating and Equipment Features — Billing Arrangements
819-005-154	3	(J29279) - General Outline — Operating and Equipment Features — No. 5 Electronic Translation System
819-006-170	1	Central Office Engineering — General Features and Arrangements — Engineering Information
819-006-171	1	Arrangements for Meeting Numbering Plan Requirements for Local Area, Interarea, and Intertoll Switching — Engineering Information
819-006-172	1	Tandem and Intertoll Switching Features — Engineering Information
819-006-173	1	Division of Directory Numbers — Terminating Office Considerations — Office A — Office B — Physical and Theoretical Arrangements — Engineering Information
❑ 819-006-174	2	7A Announcement System For Machine Intercept Service — Engineering Information NOTE: Replaced by 814-011-170
819-010-180	6	Performance Requirements
819-011-180	3	Detailed Inspection Procedures — Central Office Equipment Permanent Signal Holding and Concentrating Arrangements — Engineering Information
Cabling and Wiring		
819-020-150	3	(J29262) - Index of Equipment Cross- Connections
819-021-170	2	Range Limits — Customer Lines and Interoffice Trunking — Engineering Information
Addendum	1	
819-022-150	7	(J20155) - Limiting Conductor Lengths Between Frames and Units—No. 5 ACD System

	Number	Issue	Subject
	Miscellaneous Frames		
	Addendum	1	
	819-050-150	3	(J27975) - 4-Wire Conference Controller Frame
	Addendum	1	
	819-050-151	3	(J28775) - Access Group Controller Unit, Called Number Detector Unit, Trunk Group Traffic Sample Frames and Units
	819-051-150	2	(J28758) - PBX Allotter Frames and Associated Equipment Units
	819-052-150	1	(J23068) - Coin Zone Concentrator Frame
	819-053-150	2	(J27455) - Line Concentrator No. 2A Control Frame
	819-053-180	1	Performance Requirements — Line Concentrator No. 2A
	Addendum	1	
	819-054-150	4	(J27854) - Transfer Line Identifier Frame — Transfer Supplementary Line Identifier Frame
	819-054-151	2	(J27978) - Stuck Sender Trunk Identifier — Frame and Units
	819-055-150	3	(J25150) - MF Current Supply Frame and MF Test Current Supply Frame
	Addendum	1	
	819-056-150	5	(J27055) - Power, Ringing, and Tone Distributing Frame and No-Such-Number Tone Supply Equipment Units
	819-056-153	2	(J29272) - Power Ringing, and Tone Distributing Frame and No-Such-Number Tone Supply Equipment Units
	Addendum	1	
	819-057-150	6	(J27056) - Message Register and Message Timing Frames and Associated Equipment Units
	Addendum	1	
	819-058-150	10	(J22650) - Traffic Register Frame and Associated Equipment Units
❑	819-059-150	7	(J93005) - Plugging-Up Frame — Central "A" Switchboard Office Replaced by 814-026-150
	Addendum	1	
	819-060-150	8	(J22752) - Office Interrupter Frame — 30, 60 and 120 IPM
	819-062-150	1	(J27460) - Electronic Frames and Units

	Number	Issue	Subject
	Miscellaneous Equipments		
❑	819-080-150	8	(J91104) - Relay Rack Equipment — For 13C, 13D, 15C and 15D Switchboards — No. 1 and No. 5 Crossbar Panels, No. 4 Type Toll Switching and Step-by-Step Systems (also numbered 814-050-152, 151) Replaced by 814-050-152
❑	819-083-150	15	(J61564) - Miscellaneous Relay-Rack Mounted Units — No. 4 Type Toll Switching and No. 5 Crossbar Systems (also numbered 818-081-150) NOTE: Replaced by 818-081-150

819-1 Automatic Message Accounting Equipments

	819-100-170	1	Centralized Automatic Message Accounting — General — Engineering Information
❑	819-101-150	8	(J21350) - CAMA Switchboard (also Numbered 814-118-150, 817-101-150, and 818-102-150) NOTE: Replaced by 814-118-150
	819-102-150	3	(J22470) - CAMA Position Link Frame
	819-103-150	3	(J22468) - CAMA Sender and MF Receiver Frames
	Addendum	2	
	819-104-150	11	(J22459) - LAMA, CAMA, and ANI Transverter Frames and Relay Rack Mounted Units
	Addendum	1	
	819-104-151	4	(J22153) - LAMA, CAMA, and ANI Transverter Connector Frames
	819-105-150	3	(J22471) - Translator Frame
❑	819-105-151	6	(J22460) - Translator Frames NOTE: Replaced by 816-109-150
❑	819-106-150	5	(J99301) - PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification Replaced by 814-106-151

	Number	Issue	Subject
❑	819-107-150	10	(J22151) - Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem — No. 4 Type Toll Switching Replaced by 814-113-151
	819-108-150	4	(J22469) - CAMA Billing Indexer Frame
❑	819-114-150	12	(J22462) - Recorder Frames — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching, and Step-by-Step Systems (also numbered 108-150, 817-120-150, and 818-108-150) NOTE: Replaced by 814-115-151
	819-114-152	2	(J94739) - Trunk Control Frames — For Magnetic Tape Recordings
	819-115-150	12	(J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment — Billing Data Transmitter Frame — No. 1, No. 5 and Tandem Crossbar, No. 4 Type Toll Switching, and Step-By-Step Systems (also numbered 814-116-150, 816- 107-150, 817-121-150, and 818-111-150)
	819-115-151	1	(J22478) - AMA-MTR Modification Procedures
	Addendum	1	
	819-115-152	1	(J94737) - Recorder and Recorder Control Frame — For Magnetic Tape Recording
❑	819-120-150	11	(J22451) - Master Timing Frame — Paper and Magnetic Tape Recording — No. 1, No. 5, and Crossbar Tandem — No. 4 Type Toll Switching, and Step-by-Step Systems (814-117-151, 816-106-150, 817-105-150, and NOTE: Replaced by 814-117-151
	819-121-150	2	(J23652) - Line Observing Number Matching Frame

Number	Issue	Subject
819-2 Link and Junctor Grouping Equipments		
Link Equipments		
819-200-150	11	(J27451) - Line Link Frames (2-Wire) (A&M Only) and Automatic Call Distribution Line Link Frames
Addendum	1	
819-200-151	2	(J27454) - Four-Wire Line Link Frames
819-200-152	2	(J27458) - Line Link Frames (2-Wire) — Auxiliary Line Link Frame (2-Wire) — Using Small Crossbar Switches — Line Class-of-Service Frame
819-200-153	2	(J27459) - Wideband Link Frames and Units
Addendum	1	
819-200-154	1	(J27462) - Bit-Stream Link Frames and Bit-Stream Test Line Distributor Units
819-201-150	8	(J27754) - Trunk Link Frames
Addendum	2	
819-201-151	2	(J27756) - Four-Wire Trunk Link Frames
Addendum	1	
819-201-152	1	(J27757) - Trunk Link Frame — Auxiliary Trunk Link Frame Using Small Crossbar Switches
Addendum	1	
819-202-150	10	(J29051) - Incoming Register Link, Coin Supervisory Link and Outgoing Sender Link Frames
Addendum	1	
819-203-150	2	(J29055) - Transfer Line Link — Transfer Register Link and Transfer Trunk Link Frames
Addendum	1	
819-204-150	1	(J29054) - Centrex Position Link Frame
819-205-150	1	(J27457) - Range Extender Frame for Unigauge Cabling
819-206-150	1	(J27461) - Call-Waiting Link Frames
Junctor Grouping Equipments		
819-220-150	6	(J27651) - Junctor Grouping Frames and Junctor Distribution Procedures

Number	Issue	Subject
819-3 Marker, Connector, and Number Group Equipments		
Marker Equipments		
Addendum	1	
819-300-150	9	(J28754) - Marker Frames
Addendum	2	
819-300-151	10	(J28755) - Marker Units
Addendum	1	
819-301-150	16	(J28760) - Completing Marker Frames
Addendum	1	
819-301-151	5	(J28776) - Automatic Call Distribution Marker Frames
819-302-150	9	(J28759) - Dial Tone Marker Frames and Originating Line Identifier Unit
819-303-150	2	(J28779) - Wideband Remote Switch Signal Control Frames — Wideband/Bit-Steam Line Control Frame
Connector Equipments		
819-310-150	7	(J28151) - Connector Frames
Addendum	4	
819-310-151	4	(J28152) - Connector Equipment Units
Addendum	2	
819-311-150	8	(J28154) - Connector Frames
819-311-151	8	(J28155) - Connector Units
819-312-150	8	(J28153) - Master Test Connector Frames and Units
819-312-151	5	(J28157) - Master Test Connector Frames and Units
819-313-150	1	(J28774) - Four-Wire Trunk Group Connector, Line and Trunk Preemption Grouping Frames and Associated Equipment Units
Number Group Equipments		
Addendum	2	
819-320-150	9	(J27853) - Number Group Frame

Number	Issue	Subject
819-4 Register, Sender, and Translator Equipments		
Register and Sender Equipments		
819-401-150	11	(J27954) - Originating and Incoming Register Frames and Outgoing and Intermarker Group Sender Frames
Addendum	2	
819-401-151	8	(J27956) - Register Equipment Units for Originating and Incoming Registers and Outgoing and Intermarker Group Senders
Addendum	4	
819-401-152	9	(J27958) - Control Equipment Units for Originating and Incoming Registers and Outgoing Intermarker Group Senders
Addendum	1	
819-401-153	4	(J27955) - Pulse Counting Equipment Units for Originating and Incoming Registers
Addendum	2	
819-401-154	5	(J27957) - Timing Equipment Units for Originating and Incoming Registers
Addendum	1	
819-401-155	3	(J27959) - Coin and 2-Party Test Equipment Units for Originating Registers
819-401-156	4	(J27960) - Pulse Control Equipment Units for Outgoing Senders
Addendum	2	
819-403-150	8	(J27962) - Originating Register Frame and "TOUCH-TONE®" Receiver and Control Frame
Addendum	2	
819-404-150	5	(J27971) - Four-Wire Originating Register Frame
819-405-150	4	(J27967) - Originating Register Line Memory Frame
819-406-150	2	(J29275) - Automatic Call Distributor — Digit Register Frame
Addendum	1	
819-410-150	7	(J27963) - Incoming Register Frames and Transfer Register Frames and Multifrequency Pulsing Receiver Frame
Addendum	1	
819-411-150	3	(J27972) - Four-Wire Incoming MF Register Frame

Number	Issue	Subject
Addendum	1	
819-412-150	4	(J27976) - Trunk Test Register Frames
Addendum	2	
819-420-150	7	(J27964) - Outgoing Sender Frames
819-421-150	4	(J27973) - Four-Wire Outgoing MF and DP Sender Frames
Translator Equipments		
819-430-150	5	(J28756) - Pretranslator, IDDD Pretranslator, and IR Pretranslator Frames
819-431-150	4	(J28757) - Foreign Area Translator and Connector Frames

819-6 Trunk Equipments

Number	Issue	Subject
819-600-150	20	(J29261) - General Information and Index Section for Trunk Table — Listing Trunk Equipment Units — Functions, Features and Options
819-600-151	6	(J29261) - Trunk Table A — Intraoffice and Reverting Call Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-600-152	5	(J29261) - Trunk Table B — Trunks Incoming to No. 5 Equipment — Except Intertoll and Maintenance — Listing Trunk Equipment Units — Functions, Features, and Options
819-600-153	8	(J29261) - Trunk Table C — Outgoing Full Selector and PPCS Trunks — Except Intertoll — Listing Trunk Equipment Units — Functions, Features, and Options
819-600-154	8	(J29261) — Trunk Table D — Outgoing Trunks to Switchboards and Desks — Except Intertoll and Maintenance — Listing Trunk Equipment Units — Functions, Features and Options
819-600-155	6	(J29261) — Trunk Table E — Trunks for Maintenance Purposes — Listing Trunk Equipment Units — Functions, Features, and Options
819-600-156	7	(J29261) — Trunk Table F — Line Link Frame Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-600-157	8	(J29261) - Trunk Table G — Listing Trunk Equipment Units — Functions, Features, and Options
819-600-158	1	(J29261) - Trunk Table H Marker Pulse Conversion Trunks — Except Intertoll — Listing Trunk Equipment Units Functions, Features and Options
819-600-159	3	(J29261) - Trunk Table J Intermarker Group and Intertrain Trunks — Listing Trunk Equipment Units Functions, Features, and Options
819-600-160	7	(J29261) - Trunk Table K — Intertoll Trunks — Listing Trunk Equipment Units — Functions, Features, and Options
819-600-161	3	(J29261) - Trunk Table L Combination Toll Switching With Outgoing and Tandem Completing — Listing Trunk Equipment Units Functions, Features and Options
819-600-162	5	(J29261) -Trunk Table M — 2-Way Trunks — Except Intertoll — Listing Trunk Equipment Units Functions, Features, and Options
819-600-163	3	(J29261) - Trunk Table N Other Trunks for Toll Centers — Listing Trunk Equipment Units — Functions, Features and Options
819-600-164	2	(J29261) - Trunk Table P CAMA Trunks and Units — Listing Trunk Equipment Units Functions, Features and Options
819-600-165	5	(J29261) - Trunk Table R — Coin Zone Outgoing Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-600-166	6	(J29261) - Trunk Table S — Customer Special Service Units — Listing Trunk Equipment Units — Functions, Features and Options
819-600-167	2	(J29261) - Trunk Table T Wideband and Associated Audio Trunks — Including Maintenance and Test — Listing Trunk Equipment Units Functions, Features and Options

Number	Issue	Subject
819-600-168	5	(J29261) - Trunk Table U — Automatic Call Distributor — Lines, Trunks, and Miscellaneous Units — Listing Trunk Equipment Unit — Functions, Features, and Options
819-601-150	8	(J23064) - Relay Rack Frames for Trunks and Miscellaneous Equipments
819-602-150	13	(J23062) - Incoming Trunks — Equipment Units
819-603-150	11	(J23061) - Intraoffice Trunks — Equipment Units
Addendum	2	
819-604-150	6	(J23065) - Intermarker Group and Intertrain Trunks — Equipment Units
819-605-150	13	(J23056) - Trunks and Lines Equipment Units — Associated With Line Link Frames
Addendum	1	
819-606-150	8	(J23063) - Two-Way Trunks — Equipment Units
819-607-150	15	(J23055) - Outgoing Trunks Equipment Units — Associated With Senders
819-608-150	13	(J23057) - Outgoing Trunks Equipment Units — Not Associated With Senders
819-609-150	13	(J23058) - Service Trunks and Miscellaneous Relay Rack Equipment Units
819-610-150	3	(J23067) - CAMA Trunks and Miscellaneous Equipment Units
819-611-150	6	(J23069) - Centrex Trunks and Miscellaneous Equipment Units
Addendum	1	
819-612-150	8	(J23059) - Test Trunk Equipment Units — Miscellaneous Relay Rack Mounted
Addendum	1	
819-613-150	2	(J23071) - Wideband, Associated Audio, and Maintenance Trunks and Associated Frames

819-7 Test and Alarm Equipments

Test Frames

Number	Issue	Subject
819-700-150	18	(J23252) - Master Test Frame
819-700-151	5	(J23261) - Plant Register Cabinet
819-701-150	14	(J23253) - Automatic Monitor, Register, and Sender Test Equipment Units Mounted on Automatic Monitor, Register, and Sender Test Bays — Master Test Frame
819-702-150	15	(J23255) - Master Test Control Circuit Units — Master Test Frame
819-703-150	16	(J23256) - Trunk Test Equipment Units Associated With the Master Test Frame
Addendum	2	
819-704-150	6	(J23258) - Register and CAMA Sender Test Equipment Units Mounted on Control Bays — Master Test Frame
819-708-150	4	(J24759) - AMA Translator Line Verification Test Equipment Units and Test Set
❑ 819-710-150	10	(J98501) - Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay (also numbered 817-705-150 and 818-708-150) NOTE: Replaced by 817-710-150
819-712-150	17	(J23450) - Automatic Progression Trunk Test Frames
819-712-151	1	(J23262) - Test Access Frame for Automatic Call Distribution
Addendum	1	
819-712-152	1	(J23266) - Automatic Call Distribution Test Frames
Addendum	2	
819-713-150	7	(J23260) - Office Test Frame
819-713-151	4	(J23263) - Remote Office Test Frame
819-714-150	4	(J23650) - Line Insulation Test Frame
819-715-150	1	(J23264) - Automatic Range Extension

Test Sets

Number	Issue	Subject
819-730-150	4	(J24756) - Sender Test Set and Register and CAMA Sender Test Sets

	Number	Issue	Subject
❑	819-731-150	5	(J24753) - Test Set for Timing Tests NOTE: Replaced by 817-723-150
	819-732-150	1	(J24761) - 4-Wire Timing Test Set
	Addendum	2	
	819-733-150	1	(J24763) - Priming Set for Trunk Test Register
	Alarm Equipment		
	819-750-150	7	(J28353) - Alarm Equipment Units
❑	819-751-150	15	(J98304) - Alarm Transfer Equipment Units NOTE: Replaced 801-601-156
❑	819-752-150	6	(J99232) - Audible and Visual Alarm Equipment Units for Interconnection of No. 5 Crossbar with Other Systems (also numbered 801-601-151) NOTE: Replaced 801-601-151
	Addendum	1	
	819-753-150	6	(J23060) - Alarm and Timing Equipment Units Associated With Permanent Signal Holding Test Trunk — Selecting and Concentrating Equipments

819-9 No. 3 and 5A Crossbar

	Number	Issue	Subject
	General Information and Miscellaneous Frames and Equipments		
	819-900-155	2	(J29157) - Power, Ringing, and Tone Distributing Frame
	819-900-156	1	(J29163) - Message and Traffic Register Frame and Associated Equipment Units
	819-900-180	1	Performance Requirements on Site Tests
	Automatic Number Identification Equipments		
	819-901-150	1	(J29152) - Translator Frame — Automatic Number Identification
	819-901-151	1	(J29153) - ANI Transverter and Connector Frame — Automatic Number Identification
	Link and Junctor Grouping Equipments		
	819-902-150	1	(J29159) - Basic 490 Line, Line Link Frame
	819-902-151	1	(J29160) - Trunk Link Frame
	819-902-152	1	(J29161) - Incoming Register Link Coin Supervisory Link, Outgoing Sender Link and Stuck Sender Trunk Identifier Units
	Marker, Connector, and Number Group Equipments		
	819-903-150	1	(J29151) - Marker Frame
	819-903-160	1	(J29156) - Connector Frame
	819-903-168	1	(J29166) - Number Group Frame
	Register, Sender, and Translator Equipments		
	819-904-150	1	(J29164) - Originating Register Frame
	819-904-151	1	(J29168) - Incoming Register Frame
	819-904-160	1	(J29167) - Outgoing Sender — Relay Rack Frame
	Trunk Equipments		
	819-906-150	3	(J29154) - General Information and Index Section for Trunk Table — Listing Trunk Equipment Units — Functions, Features, and Options
	819-906-151	1	(J29154) - Trunk Table PA — Intraoffice and Reverting Call — Trunks — Listing Trunk Equipment Units — Functions, Features and Options
	819-906-152	2	(J29154) - Trunk Table PB — Trunks Incoming to No. 5A Equipment — Listing Trunk Equipment Units — Functions, Features and Options
	819-906-153	2	(J29154) - Trunk Table PC — Outgoing Full Selector Trunks — Listing Trunk Equipment Units — Functions, Features and Options
	819-906-154	1	(J29154) - Trunk Table PD — Outgoing Trunks to Switchboards — Listing Trunk Equipment Units — Functions, Features and Options
	819-906-155	2	(J29154) - Trunk Table PM — 2-Way Trunks — Listing Trunk Equipment Units — Functions, Features and Options

Number	Issue	Subject
819-906-156	2	(J29162) - Trunk Frames
Test and Alarm Equipments		
Addendum	2	
819-907-150	2	(J29165) - Test and Recorder Frame
819-907-151	2	(J29158) - Trouble Analyzer & Display Console — Tape Recorder & Trouble Record Trunk Unit and Remote Make-Busy and Restore Control Unit
No. 3 Crossbar		
819-910-150	1	(J29350) - General Outline — Operating and Equipment Features
819-910-151	2	(J29351) - Marker Frame
819-910-152	2	(J29352) - Line Number Translator and Connector Frame
819-910-153	1	(J29353) - Line Link and Line Block Frames
819-910-154	2	(J29354) - Trunk Frames
Addendum	1	
819-910-155	3	(J29355) - Test Frame
819-910-156	2	(J29356) - Incoming Register-Originating Register 0 Frame — Originating Register Frame and Extension Incoming Register Frame
819-910-157	1	(J29357) - Outgoing Sender Frame
819-910-159	1	(J29359) - Loop and Leak Test Unit
819-910-160	4	(J29360) - General Information and Index Section for Trunk Table Listing Trunk Equipment Units — Functions, Features and Options
819-910-162	2	(J29362) - Miscellaneous Frame Mounted Units
819-910-163	1	(J29360) - Trunk Table AP — Intraoffice and Reverting — Call Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-910-164	2	(J29360) - Trunk Table BP — Trunks Incoming to No. 3 Equipment — Listing Trunk Equipment Units — Functions, Features and Options
819-910-165	2	(J29360) - Trunk Table CP — Outgoing Trunks — Machine Switched — Listing Trunk Equipment Units — Functions, Features and Options
819-910-166	2	(J29360) - Trunk Table DP — Outgoing Trunk — Associated With Switchboards — Listing Trunk Equipment Units — Functions, Features and Options
819-910-167	2	(J29360) - Trunk Table EP — Trunks for Maintenance Purposes — Listing Trunk Equipment Units — Functions, Features and Options
819-910-168	3	(J29360) - Trunk Table FP — Intercept Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-910-169	2	(J29360) - Trunk Table GP — Miscellaneous Lines, Control and Indicating Units — Listing Trunk Equipment Units — Functions, Features and Options
819-910-170	3	(J29360) - Trunk Table MP — 2-Way Trunks — Listing Trunk Equipment Units — Functions, Features and Options
819-910-180	1	Performance Requirements on Site Tests

Division 820

Equipment Design, General Requirements and Engineering Information — 1, 1A, 2, 2A, 3, and 4ESS™ and 5ESS® 1A Processor

820-0 Index; 1 ESS™ — General, Trunks and Frames

820-1 1 ESS Switching Networks

820-2 1 ESS System Control

820-3 1 ESS Equipments Arranged with 4-Wire Features

820-4 1 ESS Equipments Arranged with Data Features

820-5 1 ESS Test, Maintenance, and Accounting

820-6 2, 2A, and 3 ESS

820-7 1A ESS, 4ESS™, 1A Processor, and Remote Switching Systems

820-8 5ESS® Switch

820-0 Index; 1 ESS™ — General, Trunks and Frames

Number	Issue	Subject
Indexes		
820-000-000	92	Numerical Index — Division 820 — Equipment Design and General" Equipment Requirements and Engineering Information — 1, 1A, 2, 2A, 3, and 4ESS™ and 5ESS®, and 1A Processor
General		
Addendum	3	
820-001-150	3	(J1A055) - Central Office Equipment — General Outline
820-001-170	1	Central Office Engineering — General — Engineering Information — No. 1 Electronic Switching System
820-001-180	6	Performance Requirements — Arranged With 2-Wire Features
820-005-150	8	(J1A063) - Trunk Order Codes — No. 1 ESS™ — Arranged With 2-Wire Features
820-007-150	1	(J1A057) - Index of Equipment Cross- Connections
820-008-150	2	(J1A065) - B-Link Distribution — Arranged With 2-Wire Features
820-009-150	3	(J1A056) - Limiting Conductor Conditions
820-010-170	2	Signaling Range Limits — 1 ESS
Trunks and Frames		
820-028-150	3	(J1A035) - Power Distributing Frame
820-030-150	3	(J1A058) - Recorded Announcement Frame — No. 1, No. 1A, and No. 2 Electronic Switching Systems — Control and Distribution Frame for Use With the Common Systems Recorded Announcement Frame (CSRAF) — No. 1 and No. 1A Electronic Switching Systems (also numbered 820-640-151)
820-031-150	5	(J1A033) - Miscellaneous Trunk Frames and Units
820-031-151	6	(J1A048) - Miscellaneous Frames and Units — Arranged With 2-Wire and 4-Wire Features
820-031-153	2	(J1A088) - Combined Miscellaneous Trunk Frames and Units — Common Systems
820-031-154	1	(J1A089) - 60A CPS Attendant Interface Frame — No. 1 Arranged With 2-Wire Features
820-032-150	1	(J1A083) - Dynamic Overload Control Transmitter Frame — Arranged With 2-Wire Features
820-050-150	1	(J1A052) - End Guards, Aisle Directories — Cable Rack Support Stanchion and Miscellaneous Alarm Units
820-053-150	1	(J1A053) - Filter Units
820-069-151	1	(J1A094) - Data Terminal Group
Addendum	1	
820-070-150	2	(J1A068) - Centrex Data Link Frame and Centrex Console Cabinet Equipment — Arranged With 2-Wire Features

Number	Issue	Subject
820-1 1 ESS Switching Networks		
820-101-150	2	(J1A028) - Line Switching Frame
820-104-150	1	(J1A030) - Trunk Switching Frame
820-104-152	1	(J1A078) - Remreed Trunk Switching Frame — No. 1 and No. 1A
820-105-150	1	(J1A070) - Service Link Frames — Arranged With 2-Wire Features
820-106-150	1	(J1A029) - Junctor Switching Frame
820-108-150	3	(J1A031) - Junctor Frame
820-110-150	1	(J1A047) - Junctor Grouping Frame
820-110-151	1	(J1A085) - 12-File Junctor Grouping Frame
820-120-150	5	(J1A032) - Universal Trunk Frame
820-120-151	1	(J1A084) - Miniaturized Universal Trunk Frame — No. 1 ESS — Equipment Design Requirements — Electronic Switching System
820-121-150	1	(J1A090) - HILO Universal Trunk Frame
820-121-151	1	(J1A091) - HILO Miscellaneous Trunk Frame — No. 1 and No. 1A ESS
820-2 1 ESS System Control		
820-200-150	1	(J1A037) - Central Control
820-202-150	3	(J1A038) - Call Store — For Use With Central Control and Signal Processor and Buffer Control
820-202-151	4	(J1A072) - 32K Call Store for Use With Central Control and Signal Processor and Buffer Control
820-204-150	2	(J1A039) - Program Store
820-204-151	2	(J1A064) - Program Store Memory — Arranged With 2-Wire Features
Addendum	1	
820-204-152	2	(J2A013) - Program Store Memory — Arranged With 4-Wire Features
820-206-150	1	(J1A049) - Signal Processor
820-230-150	3	(J1A034) - Central Pulse Distributor Frame — Arranged With 2-Wire, 4-Wire, And Data Features
Addendum	1	
820-232-150	3	(J1A043) - Master Scanner Frame — Arranged With 2-Wire, 4-Wire, and Data Features (Also numbered 820-630-155 and 821-410-154)
820-3 1 ESS Equipments Arranged with 4-Wire Features		
Addendum	1	
820-301-150	3	(J2A002) - Trunk Switching Frame
Addendum	1	
820-303-150	3	(J2A001) - Junctor Switching Frame
820-304-150	1	(J2A005) - Junctor Grouping Frame
Addendum	2	
820-307-150	2	(J2A004) - Universal Trunk Frame
820-308-150	4	(J2A003) - Miscellaneous Trunk Frame
820-315-150	3	(J2A006) - Filter Units
820-316-150	1	(J2A016) - Office Status Display Frame
820-316-151	1	(J2A017) - Office Status Display Remote Units — No. 1 ESS Arranged With 4-Wire Features
❶ 820-320-150	1	(J2A007) Simplex Converter Frame Arranged With 4-Wire Features
❶ 820-321-150	2	(J2A011) Preempt Tone and Repeated Alerting Line Applique Frame — Arranged With 4-Wire Features
❶ 820-322-150	1	(J2A009) Multiaddress Frame — Offices Arranged With 4-Wire Features
❶ 820-323-150	2	(J2A010) Line Applique Frame — Offices Arranged With 4-Wire Features
820-324-150	2	(J2A008) - Control, Display, and Test Frame — Master Control Center

Number	Issue	Subject
820-4 1 ESS Equipments Arranged with Data Features		
820-401-150	1	(J3A001) - Magnetic Character Assembler Disassembler
820-402-150	2	(J3A002) - Delay Line Character Assembler/ Disassembler (DCAD)
820-403-150	1	(J3A004) - Logic Character Assembler Disassembler
820-404-150	2	(J3A006) - Tape Unit Control Frame
820-404-151	1	(J3A005) - Tape Unit Frame
820-405-150	2	(J3A007) - Primary Message Store
820-406-150	1	(J3A008) - Buffer Control
820-407-150	1	(J3A016) - Program Store Memory — Arranged With Data Features
820-410-150	1	(J3A013) - Voiceband Digital Data Set Frame
820-5 1 ESS Test, Maintenance, and Accounting		
Addendum	1	
820-501-150	3	(J1A041) - Automatic Message Accounting and Teletypewriter Frame and Universal Teletypewriter Equipment — Master Control Console
820-501-151	1	(J1A071) - Test Tape for 9-Track AMA — Arranged With 2-Wire Features
820-502-150	6	(J1A042) - Control Display, and Test Frame — Master Control Center and Supplementary Trunk Test Frame — Arranged With 2-Wire and Data Features
820-502-151	1	(J1A076) - Remote Office Test Line — No. 1 or No. 1A ESS — Arranged With 2-Wire Features
820-503-150	1	(J1A040) - Memory Card Writer Frame — Master Control Center
❑ 820-504-150	5	(J24753) - Test Set for Timing Tests NOTE: Replaced by 817-723-150
820-505-150	1	(J1A069) - Plug-in Trunk Unit Test Stand — Arranged With 2-Wire Features
820-505-151	2	(J1A082) - Outgoing Test Trunk Set for Board-to-Board Testing Arranged With 2-Wire Features

Number	Issue	Subject
820-6 2, 2A, and 3 ESS		
General		
820-600-151	3	(J2H032) - Limiting Conductor Conditions — No. 2 and No. 2B — Arranged With 2-Wire Features
820-600-152	4	(J2H031) - Trunk Equipment Tables — Arranged by Functions and Features — Arranged With 2-Wire Features
820-600-153	3	(J2H033) - Index of Equipment Cross- Connections — No. 2 and No. 2B ESS Arranged With 2-Wire Features
Addendum	1	
820-600-154	1	(J2H035) - 2-Wire No. 2 or 2B ESS Arranged in Modular Buildings — No. 2A or 2C ESS
820-600-155	2	(J2H104AA-1) — Serial Peripheral Unit Controller/Data Link (SPUC/DL) — 2B Electronic Switching System
820-600-180	4	Performance Requirements — Arranged With 2-Wire Features
820-600-186	4	Performance Requirements — No. 2B ESS
Trunks and Frames		
820-610-150	1	(J2H017) - Universal Trunk and Junctor Frame — Arranged With 2-Wire Features
820-610-151	3	(J2H018) - Miscellaneous Trunk Frame — Arranged With 2-Wire Features
820-610-153	2	(J2H034) - Range Extension Frame — Arranged With 2-Wire Features
Switching Networks		
820-620-150	2	(J2H022) - Junctor Grouping Frame — Arranged for 2-Wire Features
820-620-151	1	(J2H025) - Line/Trunk Switching Frame — Arranged With 2-Wire Features
820-620-152	1	(J2H026) - Network Control Junctor Switching Frame
820-620-154	1	(J2H124) - Remreed Network — No. 2 and No. 2B — Electronic Switching Systems

	Number	Issue	Subject
	820-620-155	1	(J2H048) - Loop Range Extension — Common ESS Arranged With 2-Wire Features
	System Control		
	Addendum	1	
	820-630-150	2	(J2H002) - Central Processor Frame — No. 2 ESS Arranged With 2-Wire Features or — Automatic Intercept Center No. 1A in AIS Electronic Switching and Traffic Service System (Also numbered 821-410- 150)
	820-630-151	2	(J2H005) - Call Store — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 821-410-152)
	820-630-152	2	(J2H023) - Supplementary Central Pulse Distributor Frame — Arranged With 2-Wire Features
	820-630-153	4	(J2H030) - Program Store Memory — Arranged With 2-Wire Features
	820-630-154	2	(J2H027) - Program Store Frame — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 821-410-155)
❑	820-630-155	3	(J1A043) - Master Scanner Frame — No. 1 ESS Arranged With 2-Wire, 4-Wire, and Data Features or No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 820-232-150 and 821- 410-154) NOTE: Replaced by 820-232-150
	820-630-158	1	(J2H101) - Tape Cartridge (KS-21439 Data Cartridge) No. 2B ESS Arranged With 2-Wire Features

	Number	Issue	Subject
	Test, Maintenance and Accounting		
	Addendum	1	
	820-640-150	3	(J2H003) - Maintenance Center Frame — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS — Electronic Switching and Traffic Service Systems (Also numbered 821-410-151)
❑	820-640-151	3	(J1A058) - Recorded Announcement Frame — No. 1, No. 1A, and No. 2 Electronic Switching Systems — Control and Distribution Frame for Use With the Common Systems Recorded Announcement Frame (CSRAF) — No. 1 and No. 1A Electronic Switching Systems (also numbered 820-030-150) NOTE: Replaced by 820-030-150
	820-640-152	2	(J2H039) - Remote Office Test Line Frame — No. 2 ESS — Arranged With 2-Wire Features
	820-640-153	2	(J2H024) - Trunk Test Frame — No. 2 ESS Arranged With 2-Wire Features Equipment Design Requirements — Electronic Switching Systems
	820-640-154	1	(J2H021) - Automatic Message Accounting Frame
	820-650-180	2	Performance Requirements — No. 3 ESS
	820-651-150	1	(J3H001) - No. 3 ESS Equipment Design Requirement — Electronic Switching System

820-7 1A ESS, 4ESS™, No. 1A Processor, and Remote Switching Systems

	Number	Issue	Subject
	No. 1A Processor		
	820-701-150	3	(J5A001) - Processor Peripheral Interface Frame, Control and Display Frame, and Master Control Console — Arranged for 1A ESS Switch 2-Wire and 4ESS Switch
	820-701-151	2	(J5A005) - Central Control Frame — 1A Processor — Arranged for 1A ESS* Switch 2-Wire and 4ESS Switch

Number	Issue	Subject
820-701-152	3	(J5A006) - Input/Output Frame and Input/Output Processor Frame — 1A Processor Arranged for 1A ESS Switch 2-Wire and 4ESS Switch
820-701-153	1	(J5A002) - Tape Frame — Arranged for No. 1A ESS With 2-Wire Features and No. 4ESS
820-701-154	1	(J5A003) - Call Store and Program Store — Arranged for No. 1A ESS Arranged With 2-Wire Features and No. 4ESS
820-701-155	1	(J5A004) - File Store Frame — 1A Processor
820-701-156	2	(J5A007) - Power Conversion and Distribution Frame for Use With 1A ESS* 2-Wire and 4ESS 1A Processor
820-701-161	1	(J5A012) - Attached Processor Interface Frame — Equipment Design Requirements — Electronic Switching Systems
1A ESS		
Addendum	3	
820-720-180	1	Performance Requirements — Arranged With 2-Wire Features
820-721-150	1	(J6A001) - Trunk and Line Test or Supplementary Trunk Test Frame — Arranged With 2-Wire Feature
4ESS		
820-740-150	1	(J4A000) - No. 4ESS — Summarizing Specification
820-740-151	1	Spare Parts Requirements
820-740-152	1	Trunk Compatibility — No. 4ESS
820-740-180	1	Performance Requirements — No. 4ESS
820-741-150	1	(J4A001) - Time-Slot Interchange Frame
820-741-151	1	(J4A002) - Time Multiplexed Switching Frame
820-741-152	1	(J4A003) - Signal Processor 1
820-741-153	2	(J4A004) - Network Clock Frame
820-741-154	1	(J4A005) - Peripheral Unit Bus Branching Frame
820-741-156	3	(J4A007) - Remote Office Test Line Frame
820-741-157	1	(J4A008) — Signal Processor 2
820-741-158	2	(J4A009) - Common Channel Interoffice Signaling Terminal Group
820-741-159	2	(J4A010) - Miscellaneous Frames A and B
820-741-160	2	(J4A011) - Network Management Display — No. 4ESS
820-741-161	1	(J4A012) - Office Alarm Grid Equipment
820-741-164	1	(J4A015) - Digital Services Complex - No. 4ESS
820-741-165	1	(J4A016) - Multifrequency Compelled Transceiver Frame
820-741-166	1	(J4A017) - Network Services Complex
Remote Switching System		
820-760-001	1	Remote Switching System Frame — No. 10A
820-760-002	3	No. 10A — Remote Switching System — Performance Requirements

820-8 5ESS Switch

820-800-000	1	General Information Specification
820-800-004	1	Line Unit
820-800-005	1	Miscellaneous (7-Foot) Cabinet
820-800-009	1	Line Interface Frame (J5D012) - Network Management Frame

Division 821

Equipment Design and General Requirements and Engineering Information — Traffic Service Systems

821-0 Indexes, General Information, and Miscellaneous Equipments

821-1 Traffic Service Position System No. 1

821-4 Automatic Intercept System

821-7 Switchboards and Operating Room Desks and Associated Equipment

821-9 Auxiliary Service Positions

Number	Issue	Subject
821-0 Indexes, General Information, and Miscellaneous Equipments		
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821-000-000	7	Numerical Index — Division 821 — Equipment Design and General Equipment Requirements and Engineering Information — Traffic Service Systems
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821-005-150	5	(J99280) - Centralized Supervisory Equipment
Addendum	1	
821-006-150	3	(J1B023) - Mechanized or Programmable System for Operator Training — Traffic Service Position No. 100B or 100C
821-006-151	6	(J61532) - Toll Operators Training Equipment
Addendum	1	
821-006-152	3	(J61565) - No. 3CL Switchboard Energized Permanent Operator — Training Equipment
821-006-153	3	(J92901) - DSA Operators' No. 2B Training Equipment
821-006-154	1	(J92902) - 3A Information Operator's Training Equipment
821-006-155	4	(J92903) - No. 4A Operator Training Equipment
821-006-156	2	(J92904) - Operators Keypulsing Drill Table
821-006-157	1	(J99249) - Portable Switchboard Section — CAMA Training
821-007-150	1	(J61557) - Toll Switchboards — Modifications Required to Provide Mobile Radio Telephone Service
821-007-151	5	(J67301) - Pneumatic Ticket Distributing System — Toll Switchboards No. 1, 3, and 3C
821-007-155	6	(J65701) - Distributing, Ticket Filing, and Rate Quoting Desk No. 43A, 43B and 43C
821-007-180	2	Performance Requirements — Pneumatic Ticket Distributing System
821-009-150	4	(J99224) - Noise Reduction Equipment for Operating Rooms
821-1 Traffic Service Position System No. 1		
General		
821-100-150	3	(J1B000) - General
821-100-180	3	Performance Requirements
821-101-150	4	(J1B017) - Trunk Tables Showing Trunk Equipment Arranged by Functions and Features — No. 1 and 1B
Frames		
Addendum	2	
821-120-150	6	(J1B001) - Universal Trunk Frame
Addendum	1	
821-121-150	5	(J1B002) - Trunk Link Network Frames — No. 1 and 1B
Addendum	1	
821-122-150	4	(J1B003) - Position Link Network Frames
Addendum	1	
821-123-150	5	(J1B004) - Miscellaneous Trunk Frame
Addendum	1	
821-124-150	5	(J1B005) - Position Group Gate Frame
Addendum	1	
821-125-150	5	(J1B006) - Position Scan Frame

Number	Issue	Subject
Addendum	1	
821-126-150	6	(J1B007) - 100C Traffic Service Position Section and Associated Operating Room Equipment
821-127-150	4	(J1B008) - Recorded Announcement Frame
821-128-150	7	(J1B009) - Miscellaneous Frame and Units — Traffic Service Position System No. 1, 1B
Addendum	1	
821-129-150	3	(J1B010) - Communication Bus Translator Unit — No. 1 and 1B
Addendum	1	
821-130-150	6	(J1B011) - Control, Display Test Frame
821-131-150	3	(J1B012) - Automatic Message Accounting Frame
821-131-151	3	(J1B031) - Test Tape for 9-Track AMA (J1B014) - Remote Power Distributing Frame — Miscellaneous Power Distributing Frame — No. 1 and 1B — Equipment Design Requirements
821-133-150	6	(J1B016) - Position Signal Distributor Frame
821-134-150	3	(J1B018) - Time of Day Frame
821-135-150	5	(J1B019) - Position Buffer Frame
Addendum	2	
821-136-150	3	(J1B035) - Teletypewriter Trunk and Buffer Frame (TTY T&B) — Teletypewriter Buffer Frame (TTY B) and Data Set Frame (DS)
821-137-150	1	(J1B051) - Signaling Converter and Simplex Inductor Frame
821-138-150	3	(J1B043) - Position and Trunk Control Frame — Position Subsystem No. 2/Remote — Trunk Arrangement No. 1
821-138-151	3	(J1B049) - Position Voice Control Frame — Position Subsystem No. 2
Addendum	1	
821-138-152	2	(J1B041) - Group Gate Frame Traffic Service Position System No. 1, 1B — Position Subsystem No. 2/Remote Trunk — Arrangement No. 1
821-138-153	2	(J1B048) - Test and Display Frame — Traffic Service Position System No. 1 — Position Subsystem No. 2 — Remote Trunk Arrangement No. 1
821-138-154	2	(J1B044) - Remote Trunk Arrangement No. 1
821-138-155	2	(J1B046) - Concentrator Frames
821-138-156	3	(J1B050) - Remote Carrier Transfer and Miscellaneous Units Frame — Position Subsystem No. 2 — Remote Trunk Arrangement No. 1
Addendum	1	
821-139-150	2	(J1B053) - Controller Frame — No. 1, 1B — Station Signaling and Announcement System
821-139-151	2	(J1B054) - Service Circuit Frame — Station Signaling and Announcement Subsystem — No. 1B

Miscellaneous Equipment

821-181-150	6	(J1B013) - Store Memory Magnetic Tapes
821-181-151	1	(J1B056) - Main Store Memory Magnetic Tapes — Traffic Service Position System No. 1B
821-182-150	1	(J1B052) - Trunk Monitor and Make Busy Unit — Traffic Service Position System No. 1 — Remote Trunk Arrangement No. 1

821-4 Automatic Intercept System

General

821-400-150	1	(J1B020) — General
821-400-180	1	Performance Requirements

Frames

❑	821-410-150	2	(J2H002) - Central Processor Frame — No. 2 ESS™ Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered NOTE: Replaced by 820-630-150

	Number	Issue	Subject
❑	821-410-151	3	(J2H003) - Maintenance Center Frame — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered NOTE: Replaced by 820-640-150
❑	821-410-152	2	(J2H005) - Call Store — No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered 820-630-151) NOTE: Replaced by 820-630-151
	821-410-153	2	(J1B021) - Automatic Intercept Center No. 1A
❑	821-410-154	3	(J1A043) - Master Scanner Frame — No. 1 ESS Arranged With 2-Wire, 4-Wire, and Data Features or No. 2 ESS Arranged With 2-Wire Features or Automatic Intercept Center No. 1A in AIS (Also numbered 820-232-150 and NOTE: Replaced by 820-322-150
❑	821-410-155	2	(J2H027) - Program Store Frame — No. 1 ESS Arranged With 2-Wire Features or Automatic Intercept Center 1A in AIS (Also numbered NOTE: Replaced by 820-630-154
	Miscellaneous		
	821-420-150	2	(J1B022) - Centralized Intercept Bureau No. 1A for Use in Automatic Intercept System
	821-420-151	1	(J1B032) - Program Store Memory — No. 1A
	821-420-152	1	(J1B042) - File Access Subsystem — For Use With Automatic Intercept Center No. 1A
	821-420-153	2	(J1B055) - No. 2 Data Base Administration System

821-7 Switchboards and Operating Room Desks and Associated Equipment

Number	Issue	Subject
821-700-150	4	(J91501) — 8 1/2" Panel Switchboard Sections
821-700-152	1	(J61541) - Toll Switchboard No. 1 — AC Key Pulsing and Associated Cord Modifications
821-700-153	6	(J61554) - No. 1 Toll Switchboard — 92 Jack — Three and Nine 8-1/2 Inch Panel Sections
Addendum	1	
821-700-154	3	(J61525) - No. 1, 3, 3C, and 3CL Toll Switchboards — Intertoll Dialing Equipment Arranged for CX, SX, SF, or N1 Carrier Signaling
821-700-157	6	(J61555) - No. 3 Toll Switchboard — 92 Jack Switchboard Equipment — Three or Nine 8-1/2 Inch Panel Sections
Addendum	1	
821-700-159	7	(J61528) - No. 3CL Toll Switchboard — Keyshelf Height 40 Inches — Position Lower Unit Equipment — 8-1/2 Inch Panel Section
821-700-160	4	(J61529) - No. 3C Toll Switchboard Equipment
Addendum	1	
821-700-161	6	(J61540) - No. 3C and 3CF Toll Switchboards — Keyshelf Height 30 Inches — Position Unit Equipment — 8-1/2 Inch Panel Sections
821-700-162	5	(J61535) - No. 3CF Toll Switchboard and Associated Equipment
Addendum	1	
821-700-165	7	(J91107) - No. 3CL Switchboard — Positional Lower Unit Equipment — Toll and Dial Systems "A" Switchboards
821-700-166	2	(J91110) - No. 3CL Switchboard — 8-1/2 Inch Panel Switchboard Sections
821-700-167	2	(J91111) - Miscellaneous Switchboard Position Equipment — Toll, DSA, and Manual Switchboards
821-700-168	3	(J91112) - AC Lamp Equipment for Idle Indication — DSA, Toll, and Telegraph Switchboards
821-700-180	2	Performance Requirements — No. 1 and 1B Toll Switchboards — No. 3, 3B, 3C, 3CF, and 3CL Switchboards

Number	Issue	Subject
821-701-150	7	(J61558) - No. 5 Toll Switchboard — Position Lower Unit Equipment — 8-1/2 Inch Panel Sections
821-701-151	4	(J61559) - No. 5 Toll Switchboard — Switchboard Equipment
821-701-155	1	(J61568) - No. 5C Switchboard — Switchboard Equipment
821-701-159	3	(J61566) - No. 5C and 5D Switchboards — Position Lower Unit Equipment — 8-1/2 Inch Panel Sections
821-701-160	2	(J61567) - No. 5D Switchboard — Switchboard Equipment
Addendum	1	
821-702-150	1	(J1B029) - Incoming, Outgoing, and 2-Way Trunks — Relay Rack Units
821-702-151	7	(J61585) - Incoming, Outgoing and Two- Way Trunks — Relay Rack Units — Toll Switchboards
821-703-150	2	(J1B030) - Multiport Conference Service- Trunk and Control Equipment
821-703-151	1	(J1B036) - Trunk Equipment — Coastal Harbor Radio Telephone Service — Single Sideband Operation for Use With Toll Switchboards — No. 3, 3C and 3CL
Addendum	1	
821-704-150	11	(J94910) - Framework and Equipment for No. 23 Operating Room Desk
821-704-151	5	(J94911) — No. 23 — General
821-704-152	1	(J1B037) — Incoming Trunk Test Set for Use With No. 23 Operating Room — Desk Trunk Concentrator Arranged for ANI Operation — AIS System
821-704-180	1	Performance Requirements — Operating Room Desks — No. 23A, 23B, 23C, and 23D
821-706-150	6	(J61573) - Recording and Recording Completing Trunk — Relay Rack Mounted Units — Toll Switchboards
Addendum	1	
821-706-151	12	(J61508) - Relay Rack Mounted Units — Toll Switchboards
821-706-152	10	(J61533) - Relay Rack Mounted Units — Toll Switchboards
821-706-153	5	(J61571) - Intertoll Trunks — Relay-Rack Mounted Units — Toll Switchboards
Addendum	1	
821-706-154	8	(J61572) - Toll Switching Trunk — Relay Rack Units — Toll Switchboards
Addendum	1	
821-706-155	3	(J61574) - Subscriber Lines — Relay Rack Units — Toll Switchboards
Addendum	1	
821-706-156	4	(J61575) - Operator Office Trunks — Relay Rack Units — Toll Switchboards
821-706-157	4	(J61576) - Tandem Trunks — Relay Rack Mounted Units — Toll Switchboards
821-706-158	5	(J61577) - DSA Service — Relay Rack Mounted Units — Toll Switchboards
821-706-159	2	(J61578) - Intraoffice Trunks — Relay Rack Mounted Units — Toll Switchboards
Addendum	2	
821-706-160	8	(J61579) - Miscellaneous Relay Rack Units — Toll Switchboards
821-708-150	9	(J61504) - Sender Frames and Units and Associated Sender Test Frame Equipment for Use With No. 1, 3, 3B, 3C, and 3CL Toll Switchboards Arranged to Receive DC or MF Keypulses and Transmit Revertive Pulses
821-708-151	8	(J93201) - Sender Frames and Units and Associated Equipment for Use With No. 1, 1B, 3, 3B, 3C, and 3CL Toll Switchboards and No. 15C or 15D Switchboard in Step-by-Step Offices and With Incoming Multifrequency Intertoll Trunks
821-708-152	7	(J98401) - Links and Link Frame for Use With No. 1, 1B, 3, 3B, 3C, and 3CL Toll Switchboards or Step-by-Step DSA Switchboard

Number	Issue	Subject
821-709-150	8	(J93401) - Sender Test Frame, Manual Tests Units, and Common Timing and Alarm Units for Testing Senders Arranged to Receive DC Key Pulses or Multifrequency Pulses and to Transmit Dial Pulses for Use With No. 1, 1B, 3, 3B, 3C, or 3CL Toll Switchboard and No. 15-Type Switchboard in Step-by-Step Offices or With Incoming Multifrequency Intertoll Trunks
Addendum	1	
821-709-151	3	(J63003) - Position Test Units — No. 1, 3, 3B, and 3C Toll Switchboards — No. 3CL and 11 Switchboards — No. 8 Test and Control Board — No. 5, 16, 17B, and 18B Testboards — No. 9 Telegraph Testboard
821-709-152	4	(J64717) - Control Set (Box Type) for Position Test Circuit — No. 3, 3B, and 3C Toll Switchboards, No. 11 Switchboard, No. 8 Test and Control Board, No. 5, 16, 17B and 18B Toll Testboards, No. 9 Telegraph Testboard
821-709-153	2	(J64728) - Testing and Maintenance — Position Testing Control Set and Associated Relay Rack Unit — No. 5, 5C, and 5D Toll Switchboards
821-709-154	7	(J64703) - Control Test Set (Box Type) for Continuity and Multiple Jack Testing — No. 1, 1B, and 2 Toll Switchboards — No. 5 and 17C Testboard — No. 18B Testboard in No. 1 or 4 Toll Office — No. 1D, 10, and 11 Switchboards — No. 1 Toll Tandem Switchboard — Tandem Patching Bay — No. 9 Telegraph Testboard
Addendum	1	
821-715-150	3	(J95405) - Equipment in Outlying Offices Associated With Information Desks No. 2, 3, 3A, 3B, 4, 4A, 4B, 6A, 6B, 6C, 6D, 6E, 6F, 7, and 7A and Operating Room Desk No. 19, 23E, and 23F
821-715-152	6	(J93002) - Equipment Arrangements for Information Trunks Arranged for Transfer — No. 1 and 2 Information Desks and No. 17D and 19 Operating Room Desks
821-716-152	3	(J95408) - No. 2 Information Desk
Addendum	2	
821-716-153	7	(J95401) - No. 3 and 3B Information Desk
821-716-154	4	(J95404) - No. 4 and 4B Information Desks
821-716-156	2	(J95406) - Information Desks No. 6A, 6B, 6D, and 6F
Addendum	2	
821-716-160	2	(J95412) - Information Desks No. 3A, 4A, 6C, and 6E — Modification of Existing Installations to Increase Speed of Trunk Hunting Selectors
821-716-180	1	Performance Requirements — Information Desks No. 3, 4, 6A, and 6B — Order Turret No. 3
Addendum	1	
821-717-150	6	(J95414) - No. 7 and 7A Information Desks

821-9 Auxiliary Service Positions

821-901-150	2	(J1B027) - Position Simulator Test Set — No. 1A, 2A, 2B, 2C
821-902-150	2	(J1B028) - Position Test Set — No. 1A, 2A, 2B, 2C
Addendum	1	
821-903-150	2	(J1B024) - No. 1A
Addendum	1	
821-903-151	2	(J1B025) - Framework and Equipment
Addendum	1	
821-904-150	4	(J1B026) - No. 1A, 2A, 2B, or 2C, — Relay Rack Mounted Units

Number	Issue	Subject
Addendum	1	
821-905-151	1	(J1B038) - No. 5B1 and 5C1 for Use With No. 5 Crossbar ACD — Not Arranged for Call Transfer
821-905-152	1	(J1B039) - No. 5B2 & 5C2 and Associated Supervisory Equipment for Use With No. 5 Crossbar ACD — Arranged for Call Transfer

Division 822

Equipment Design and General Requirements and Engineering Information — Traffic Management Systems

822-0 Index

820-1 Traffic Data Recording and Measuring

820-2 Service Observing and Evaluation

Number	Issue	Subject
822-0 Index		
822-000-000	57	Numerical Index — Division 822 — Equipment Design and General Equipment Requirements and Engineering Information — Traffic Management Systems
822-1 Traffic Data Recording and Measuring		
822-101-150	2	(J92606) - No. 1 Portable Traffic Usage Recorder
822-101-170	1	No. 1 Portable
822-102-150	6	(J99263) - 2A Traffic Usage Recorder (CTUR)
822-103-150	4	(J99319) - 3B Traffic Usage Recorder
822-104-150	3	(J3B012) - 3C Traffic Usage Recorder and BOFADS Interface Equipment for Use With Key Telephone Systems
822-104-151	1	(J3B042) - Traffic Data Interface for Use With Key Telephone Systems in the Business Office Force Administration — Data Systems (BOFADS)
822-105-150	9	(J92604) - 4A Traffic Usage Recorder
822-105-170	3	Traffic Usage Recorder
822-110-150	7	(J3B005) - Traffic Measurement System No. 1A
822-110-170	1	Traffic Measurement System No. 1A — General Features and Arrangements
Addendum	1	
822-115-150	2	(J92610) - Traffic Data Recording System No. 1A
822-115-151	2	(J92612) - Traffic Data Summarizer — Traffic Data Recording System No. 1A
822-115-152	1	(J92613) - Traffic Data Remote Recorder — Traffic Data Recording System No. 1A
822-115-153	2	(J94734) - Traffic Data Converter Test Set — Traffic Data Recording System No. 1A
822-115-180	2	Performance Requirements for Traffic Data Summarizer — Traffic Data Recording System No. 1A
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Division 823

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	880-604-102	2	Two-Point and Multipoint Private Line Design — Circuit Engineering
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❶	880-605-101	1	Digital Transmission Surveillance System — Engineering Considerations and Design of Surveillance System

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	880-610-100	2	DATAPHONE Digital Service — Description and Engineering Considerations
	880-620-100	1	Local Access Channels and Trunk Circuits — Engineering Guidelines — High- Speed Switched Digital Service
	880-620-110	1	Digital Access and Cross-Connect System Hub Office — Engineering Guidelines — High-Speed Switched Digital Service
ACCUNET® Terrestrial 1.5 Service			
■	880-630-100AC	1	Engineering Design Guidelines
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■	880-630-105AC	1	Engineering Design Guidelines — BCM32000

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900-200 Overall Construction		
■ 900-200-210	2	Operations, Construction, and Engineering — Standards — Lightguide Cable Systems
900-200-318	8/94	Outside Plant - Engineering Handbook

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Outside Plant Engineering - Facility Planning - Study Methods and Tools

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901-2 Feeder Cable Relief

901-3 Route Planning and Study

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901-111-301	1	Comparative Cost Studies — Manual
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901-200-240	1	Conversion Guidelines — Connectivity Data — Loop Cable Record Inventory System (LCRIS)
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901-211-200	2	Feeder Cable Relief Studies
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	901-350-250	1	Outside Plant Engineering — Detailed Distribution Area Planning (DDAP)
	901-350-300	5	Feeder Cable — Size
	901-350-350	1	Gauge
	901-350-400	2	Administrative Route Layouts and Pair Group Displays
	901-350-516	1	Exchange Feeder Route Analysis Program — Phase 2 — Output and Its Use
	901-350-517	1	Exchange Feeder Route Analysis Program — Phase 2 — Glossary of Terms
	901-350-520	2	Introduction to the Exchange Feeder Route Analysis Program (EFRAP)
	901-350-521	2	Data Preparation — Exchange Feeder Route Analysis Program (EFRAP)
	901-350-522	1	EFRAP Data Check Program
	901-350-523	1	EFRAP Cumulative Fill Table (CFT) Program
	901-350-524	1	The Exchange Feeder Route Analysis Program — Study Program
	901-350-525	1	Time-Share Cable Sizing (TICS) Program (EFRAP) A

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901-360-100	1	Loop Carrier Analysis Program and Long Feeder Route Analysis Program — LCAP2/LFRAP — General Input
901-360-130	1	Long Route Analysis Program (LRAP)
901-370-100	2	Economic Feeder Administration and Relief (EFAR) — Overview
901-370-110	1	Economic Feeder Administration and Relief (EFAR) — Principles of Operation
901-370-120	1	Economic Feeder Administration and Relief (EFAR) — Use and Application

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901-473-050	4	Air Pressurization Analysis Program
901-473-051	2	Air Pressure Analysis Program — Preparation of Study Data
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901-473-053	2	Air Pressurization Analysis Program — Time-Share Data Check Routine
901-473-054	2	Air Pressurization Analysis Program — Diagnostic and Informative Comments
901-473-055	2	Air Pressurization Analysis Program — Computer Solution

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901-555-400	1	Mechanized Trunk Study

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901-601-110	1	Operational Procedures — Remote Data Entry System (RDES) Operation
■ 901-620-010	2	Loop Cable Record Inventory System (LCRIS)
901-625-100	2	Outside Plant Engineering — Computerized Administrative Route Layouts (CARL) — Responsibilities of the CARL Engineer
901-625-110	2	Outside Plant Engineering — Computerized Administrative Route Layouts (CARL) — Responsibilities of CARL Engineering Clerks and Drafters

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901-660-101	1	Headquarters Administration User Guide
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902-2 Long Route Design		
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902-200-010	2	Loop Electronics Guidelines Methods — Permanent Applications
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902-215-122	1	Subscriber — Determination of Economic Gauge Plan — Mechanized Computation Method — Lores
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902-215-123	1	Subscriber — Economic Studies — "Lores" — Computer Program Documentation
902-216-100	1	Multichannel Subscriber Carrier Systems — Planning
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902-217-110	1	Subscriber Loop Multiplexer — Planning
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902-415-402	1	Subscriber Loop Analysis Program — Accumulation of Basic Loop Data

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Outside Plant Engineering — Facility Design Systems

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915-710-120	1	Digital Carrier Line Unit 5 (DCLU 5) Application and Engineering
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915-774-110	1	Loop Switching System (LSS) — Engineering and Implementation
915-774-200	2	The Gfeller* Automatic Subscriber Line Concentrator — General Description and Application
915-774-210	1	Line Concentrator No. 1A 50- and 100- Line Remote Units — General Description and Application
915-775-110	1	No. 10A Remote Switching System (RSS) — Pair Gain Application — Engineering and Implementation
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* Gfeller is a registered trademark of Gfeller AG

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915-890-210	1	Coaxial Cable Video Transmission Systems — RF-Type — General Design Considerations
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Outside Plant Engineering — Facility Support — Engineering Support Functions

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Outside Plant Facility Support — Maintenance and Upkeep

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Division 936

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936-111-101	1	Operational Review Plan for Outside Plant Planning
936-111-102	1	Distribution Service Design Center (DSDC) — Operations Review Procedure
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936-3 Business Information Systems Program (BISP)		
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Division 937

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940-240-120	1	Transmission-Transmitter Combining Networks
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940-250-100	1	General Considerations and Transmission Design
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940-250-102	1	Receiver Noise Measurements
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940-300-144	2	System Features and Specifications
940-300-145	2	System Operation
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940-300-150	2	Recommended Test Equipment and Sparing
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940-320-102	1	Noise Tests for Heavily Loaded Short Haul Message Systems
940-330 Interference		
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940-330-102	1	Growth Plans and Frequency Coordination for TM-1/11 Gc and TH Radio Systems
940-330-104	1	Determination and Use of C/I Objective
940-330-105	1	Carrier-Beat Interference
940-330-110	4	Microwave Station Record Start Sheets
940-330-111	2	Microwave Path Record Start Sheets
940-330-120	1	C/I Objectives — 4-GHz Systems
940-330-130	2	6-GHz Systems
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940-330-150	1	Interference — 2-GHz Systems
940-330-160	1	Radar Type Testing — Reflective Interference — Radio Engineering
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940-340-102	3	Arrangements
940-340-103	1	Alignment
940-340-105	2	TD-Radio Duplex Antenna Systems
Waveguide Systems		
940-340-130	1	Microwave Radio — General Theory
940-340-131	1	Microwave Radio — Design Considerations
940-340-132	3	Systems Combining Network
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940-350-101	2	Local Links
940-382 4-GHZ Systems		
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940-391-122	3	200A
940-391-131	1	300A
940-391-135	1	Transmission Engineering — 400A System
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940-392-101	1	3A Wire-Line Entrance Link

Division 951

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951-3 Direct Distance Dialing Equipment and Switched Services Network

951-4 Alarm Control and Order-Wire System

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951-6 Stored Program Control No. 1A

951-7 Operations Support Systems

951-8 Concentrators

951-9 Miscellaneous

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951-000-000	41	Numerical Index — Division 951 — Equipment Common to More Than One Type of System — General Descriptive Information
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951-112-100	3	5A — General Description
951-114-100	1	6A — Machine Intercept
951-116-100	3	7A — Machine Intercept
951-118-100	3	No. 8A — Recorded Announcement Facilities for Connection to Line Terminals
951-120-100	1	9A — Recorded Announcement Facilities — Network Type
951-122-100	1	11A — Recorded Announcement Facilities — Intercept Traffic-Type
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951-330-100	1	Automatic Number Identification System — Local Step-by-Step, Panel and No. 1 Crossbar Offices
951-331-100	1	Automatic Identified Outward Dialing — Central Office Arrangements for Private Branch Exchange
951-332-100	2	Automatic Identified Outward Dialing — Type A2 — General Description
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951-510-101	1	Traffic Usage Recorder — No. 1 Portable
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951-530-100	1	KS-16534 Recorder-Reproducer and Associated Amplifier and Control Facilities
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	951-700-100	3	RTTU/CTTU (Remote Trunk Test Unit/Central Trunk Test Unit) System — General Descriptive Information
	951-701-101	3	Circuit Maintenance System 3A (CMS 3A) — System General Description — Special Service Center (SSC)
	951-702-100	3	SARTS-1A — General Descriptive Information
	951-710-100	3	CAROT 2 — Generic 3 — General Description — Centralized Automatic Reporting On Trunks (CAROT)
	951-710-101	1	2CAROT4 — General Description — CAROT (Centralized Automatic Reporting on Trunks)
951-8 Concentrators			
	951-820-100	1	Permanent Signal Holding and Concentrating Arrangements — Panel System, No. 1 and No. 5 Crossbar Systems
	951-830-100	4	Telephone Answering System — Line Concentrator-Identifier (J93021, J93022) With or Without Tone Signaling Circuit (J59202) for Use With Electro-Mechanical Central Offices and Electronic Switching Systems (No. 1 ESS™)
	951-835-100	1	Line Concentrator No. 1A 100- and 50-Line Capacity Remote Units
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	951-836-100	1	Line Concentrator No. 2A
❶	951-837-100	1	Line Concentrator No. 2B
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	951-903-100	1	3A Code Call Unit
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	951-905-100	1	Recorded Telephone Dictation Trunk — For Use With Dial-Type PBXs or Centrex Stations
	951-910-100	1	Inband Method of Coin Control — Step- By-Step and No. 5 Crossbar Systems and No. 1 and No. 3 Type Switchboards
	951-920-100	1	Touch-Tone Calling

Division 953

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953-113-100	2	Speed-of-Answer and Auxiliary Service Observing Circuits
953-114-100	3	Local Dial Line Service Observing Circuits — No. 12 or No. 7 Modified Service Observing Desk
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Division 955

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955-3 Centralized Automatic Message Accounting

955-4 Step-by-Step Common Control Offices

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955-115-100	1	200-Point Line Finder and Trunk Finder Equipment — Step-by-Step Offices
955-130-100	1	Line Number Method — Prepay Coin — 350A, 355A, 360A, and 35E97 — Community Dial Offices
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955-3 Centralized Automatic Message Accounting		
955-310-100	5	Step-by-Step Intertoll Offices
955-4 Step-by-Step Common Control Offices		
955-410-100	3	Step-by-Step Offices With Common Control
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955-905-100	2	Automatic Outgoing Trunk Test Frame — General Description

Division 957

No. 1 Crossbar Offices — General Descriptive Information

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957-1 Automatic Message Accounting

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957-1 Automatic Message Accounting		
957-110-100	2	Automatic Message Accounting — General Descriptive Information

Division 958

No. 5 Crossbar Offices — General Descriptive Information

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958-9 Testing Equipment

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958-1 General Information		
958-110-100	3	No. 5 Crossbar System
958-115-100	1	Frequency Shift Interoffice Signaling — General Description
958-120-100	1	No. 5 Crossbar Centrex Service
958-150-100	2	4-wire No. 5 Crossbar System
958-170-100	2	Line Load Control
958-3 Automatic Message Accounting		
958-308-100	1	Local Automatic Message Accounting Features — Arranged for Paper or Magnetic Tape
958-310-100	2	Centralized Automatic Message Accounting
958-310-101	1	CAMA — Electronic Translation System — General Descriptive Information
958-312-100	1	Local Automatic Message Accounting Via Marker Scanning (LAMA-C)
958-313-100	1	Electronic Translation System — General Description Information — No. 5 Crossbar System
958-313-106	1	Electronic Translation System Status Panel — Theory and Functional Description
958-314-100	2	General Description — Call Data Transmitter
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958-910-100	4	Automatic Progression Trunk Test Frame
958-920-100	1	Test Set Type Facilities for Registers and Senders
958-930-100	1	Line Verification Circuit

Division 966

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966-100-100	7	General Description
966-102-100	5	Centrex/ESSX-1 Service — General Description — 2-Wire No. 1 and No. 1A Electronic Switching Systems
966-110-100	3	4-Wire — General Description
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966-300-100	5	General Descriptive Information

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970-2 Product Management
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970-1 P-Type Carrier System		
970-110-100	1	The P1T Trunk Carrier System
970-160-100	1	The P1 Carrier Telephone System
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Division 975

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975-110-100	2	Customer Loop Signals and Signaling Systems
975-115-100	1	Signals and Signaling Systems — Between Offices
975-120-100	1	Interoffice Signals and Signaling Systems
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975-212-130	2	Touch-Tone Calling Receiver, Type C1 — SD-67027-01
975-215-100	2	2400- or 2600-Cycle Single-Frequency Signaling System — Toll Systems
975-230-100	2	DX Signaling System
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Division 981

Equipment on Customers' Premises (Special Services and Private Branch Exchanges) — General Descriptive Information

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981-011-100	2	Touch-tone Calling for PBX Systems
981-011-104	1	Touch-tone Calling Receivers — A2-Type SD-95287-01 and A3-Type SD-98148-01
981-011-105	1	C-Type Touch-tone Calling Receiver SD-67027-01
981-011-106	1	G1 Touch-tone Calling Receiver (SD- 1C586-01)
981-012-100	4	Centralized Attendant Service — 770A, 812A, DIMENSION® 400, 600, 2000, and Custom PBXs and No. 1/No. 1A ESS™ General Descriptive Information
981-013-100	1	Automatic Number Identification (ANI) (SD-1E505-01)
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981-201-100	1	SAGE/BUIC Phase III General Description
981-202-100	2	SAC Main Operating Base Turret — General Description
981-203-100	1	1A2 Key Telephone System — General Description
981-204-100	1	No. 301 Switching System — General Description
981-204-105	4	Switching System No. 301A — General Description
981-204-106	1	Switching System — No. 302 — General
981-205-100	6	Switching System No. 300 — Station Systems
981-206-100	2	Switching System No. 304 — General Description
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981-207-100	1	No. 305 Switching System
981-207-101	1	305 Switching System for BUIC Phase III Operation — General Description
❶ 981-207-102	1	Switching System No. 305 — Training and Simulation
981-208-100	4	Switching System No. 306 — General Description
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981-210-100	2	Switching System No. 309 — (AUTOVON) — General Description
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981-212-100	2	Modular Terminal Communication System (MTCS) — General Description
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981-225-101	1	Industrial Reporting System — 520-Type Private Branch Exchange
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981-226-110	1	8A Key Telephone System for Use at 911 Emergency Answering Bureaus — Basic Service — General Description

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981-234-100	3	Force Administration Data System (FADS) When Used With 2A and 3A Automatic Call Distributing System
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981-235-100	2	2A Automatic Call Distributing System
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981-240-100	2	1A Telephone Answering System
981-248-100	1	2A Communication System — (Business Interphone) — General Description
981-249-100	5	4-Wire Private Line Terminating Circuit SD-69566-01 — General Description
981-250-100	3	3A Communication System — (Hospital Interphone)
981-251-100	1	Loudspeaker Paging System — General Description
981-261-100	2	Interface Trunk Circuit SD-66926-01 — For PBX Systems, No. 5 Crossbar, and No. 1 and No. 101 Electronic Switching Systems
981-270-100	2	PBX Access Lines — (Autovon) — General Description
981-271-100	1	Dial Restoration Panel — (Autovon) — General Description
981-272-100	1	Addressable Data SAGE/BUIC — Phase 111 SD-1G244-01, SD-1G245-01, SD-1G246-01, SD-1G250-01
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981-3 Customer Premises System

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981-5 500 and 600 Series Private Branch Exchange

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	981-558-100	1	558A
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981-6 700 Series Private Branch Exchange

	981-601-100	3	Arrangement for Automatic Number Identification (ANI) Circuit (SD-1E007-01)
	981-610-100	1	701B and 711B
	981-610-101	1	701B — Arranged for Operation With Telephone Consoles
	Addendum	1	
	981-611-100	2	701PK
	981-660-100	6	756A
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	981-664-100	2	758C — Description
	981-664-101	1	758C Switching System for Switched Digital Data System (SDDS)
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Division 982

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982-200-100	2	4-Wire Private Line Terminations Circuit SD-1G297-01—General Description
982-3 Signaling Systems		
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982-326-100	1	SS-1A Selective Signaling System — Private Line Telephone Service
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Division 984

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984-100-100	4	No. 1—General Description
■ 984-100-101	5	Automated Charge Quotation Service — Hotel/Motel Feature — General Description — No. 1
984-100-102	2	Remote Trunk Arrangement and Position Subsystem No. 2 Features
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984-502-100	3	3B Traffic Usage Recorder SD-99359-01 — General Description
984-503-100	4	4A Traffic Usage Recorder (TUR) SD-95738-01 and Optional Auxiliary Scanner Unit — General Description
984-515-100	2	Traffic Measurement System No. 1A — General Description
984-524-100	1	Dial Tone Speed Register Circuit
984-525-109	1	Service Observing — Automatic Intercept System
984-525-120	4	Service Evaluation System No. 1A—General Description
984-525-129	3	Traffic Service Position System No. 1 — Service Observing Circuits — Service Evaluation System No. 1A
984-525-130	1	Automatic Intercept System — Service Observing Circuits General Descriptive Information Service Evaluation System No. 1A
984-525-131	1	No. 1 Electronic Switching System — Incoming Trunk Service Observing — Service Evaluation System No. 1A
984-525-132	1	No. 4 Electronic Switching System — Service Observing Circuits — General Descriptive Information — Service Evaluation System No. 1A
984-525-133	1	Service Observing Circuits Interfaced With Signal Converter/Allotters — General Description Information — Service Evaluation System No. 1A
984-525-134	1	Mechanized Evaluation of Call Completion Anomalies (MECCA) — Description — Service Evaluation System No. 1A

Division 999

Product Documentation — User

999-0 Indexes

999-1 Data Sets

999-2 PBX Equipment

999-3 Terminals

999-5 ACD (Automatic Call Distributor) and Key Systems

999-6 Telephone Technique

999-7 System 75, 85, AP, 3B2, and 3B5

999-8 Software

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999-0 Indexes		
999-000-000	2	Numerical Index — Product Documentation — User — Data Set, PBX, ACD, Key Set, Telephone Technique, Computers, and Software (5-95)
999-1 Data Sets		
999-100-145IS	3	How to Operate Data Auxiliary Set 829 Type
999-100-189IS	4	551 T1 Channel Service DCE Release 3012 Volume 6
999-100-188IS	3	2500 Series Data Service Unit
999-100-189IS	4	551T1 Channel Service Unit — User Manual
999-100-190IS	2	DATAPHONE® II Multiplexer Service — User Manual
Addendum	2	
999-100-191IS	2	DATAPHONE II Tertiary Channel Modem 2001A — User Guide
999-100-192IS	1	DATAPHONE II 2048T Modem — User Guide
999-100-193IS	1	DATAPHONE II 2048T Modem — User Manual
999-100-194IS	1	DATAPHONE II 2096T Modem — User Manual
999-100-196IS	2	DATAPHONE II 2600 Series Data Service Unit — User Manual
Addendum	1	
999-100-197IS	1	DATAPHONE II 2700 Series Secondary Channel Diagnostic — User Manual
999-100-198IS	1	DATAPHONE II 2212C Modem — User Manual
999-100-199IS	1	DATAPHONE II 2212D Modem — User Manual
999-100-200IS	2	DATAPHONE II Diagnostic Console — User Manual
999-100-202	1	DATAPHONE II Service Network Diagnostic System — User Manual
999-100-203IS	3	DATAPHONE II Modem DC NC PAS — Quick Guide
999-100-204	1	DATAPHONE II Performance Analysis System — User Manual
999-100-206IS	2	DATAPHONE II Private Line Modems — Operate Information
999-100-207IS	1	DATAPHONE II Network Constructor Software Version 2.88 — User Manual
999-100-213IS	1	DATAPHONE II Private Line Modem 2024/2048/2096 — User Manual
999-100-224	1	DATAPHONE II 839B Dial Backup Unit — User's Manual
999-100-225	1	DATAPHONE II 839B Dial Backup 8/87
Addendum	8/87	
999-100-230IS	1	DATAPHONE II 2224A Full Duplex Modem — User Manual
999-100-231IS	2	DATAPHONE II Series 700 STAT MUX — User Manual
999-100-232IS	2	DATAPHONE II Series 700 STAT MUX — Reference Manual
999-100-234IS	2	DATAPHONE II Series 700 Networker — User Manual
999-100-235IS	2	DATAPHONE II Series 700 Networker — Reference Manual
Addendum	1	
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Number	Issue	Subject
Addendum	1	
999-100-240IS	1	DATAPHONE II 2400 BPS Modem — User Manual
999-100-241IS	1	DATAPHONE I 4800 BPS Modem — User Manual
999-100-242IS	5/85	DATAPHONE I 9600 BPS Modem — User Manual
999-100-245IS	1	DATAPHONE I MOD 96 Remote Data Access Unit — User Manual
999-100-246IS	1	DATAPHONE I MOD R-4 Programmable Responder — User Guide
999-100-248	2	DATAPHONE II 4024 Modem — User Guide
999-100-250IS	1	DATAPHONE II 2144A Modem — User Guide
999-100-252	2	DATAPHONE II SDU24A — User Manual DATAPHONE II 2248 Modem 105A Multiple Mount — User Guide
999-100-253	8/87	DATAPHONE II System Controller Model 300 — User's Manual
Addendum	8/87	
999-100-255IS	1	SOFTCALL® Communications Software Version 2.0 — Reference Manual
Addendum	8/87	
999-100-256IS	10/85	DPII Model 4000 Modem — Owners Manual
Addendum	8/87	
999-100-257IS	1	Model 4112 Modem — Reference Manual
Addendum	1	
999-100-258IS	1	DATAPHONE II 2600 — User Manual
999-100-259IS	1	DATAPHONE II Service 700 T-MUX Voice Application — Introduction Manual
999-100-260IS	1	700 T-MUX-FXS to E+M Signal Converter 6008AL1(PEC25121)
999-100-261IS	1	700 T-MUX-FXO to E+M Signal Converter 6008BL1(PEC25122)
999-100-262IS	1	700 T-MUX-Signal Converter E+M to DX6008CL1(PEC25135)
999-100-263IS	1	700 T-MUX-Pulse Link Repeater 6008DL1(PEC25123)
999-100-264IS	1	700 T-MUX-Common Transmission Module 6131L1(PEC25120)
999-100-265IS	1	700 T-MUX-Voice Equipment Mounting Shelf (PEC25195)
999-100-266IS	1	DPII 700 T-MUX-Voice/Pad Transformer 4403AL1(PEC25194)
999-100-267IS	1	700 T-MUX-Power and Ringing Supply 8050L1(PEC25136)
999-100-268IS	1	700 T-MUX-Power Supply 24/28VDC 8001L1(PEC25137)
999-100-277	6/89	Personal Computer Modem — Marketing Guide
999-100-281	1	DATAPHONE II Controller 400
999-100-284	1	DATAPHONE II System Control Model 400 Marketing Guide
999-100-285	1	DATAPHONE II 300/400 Addendum
Addendum	6/89	
999-100-287	2	DATAPHONE II 2296A — User Manual
999-100-288	1	DATAPHONE II 48/96 Shared Diag. Use
999-100-289	1	DATAPHONE II 740/741 ACCULINK®
Addendum	2	
999-100-292	1	DATAPHONE II 2224 CEO Modem — User Manual
Addendum	8/89	
999-100-295	1	DATAPHONE II 2224G — User's Manual
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999-100-296	1	DATAPHONE II 2192A — User's Manual
Addendum	1	
999-100-297	1	DATAPHONE II ACCULINK® Multiplex
999-100-298	1	ACCULINK N.M. — User Manual
999-100-300IS	7	DATAPHONE II — Configuration Guide
999-100-301IS	4	DATAPHONE Modem — Configuration Guide
999-100-302IS	1	551T1 Channel Service Unit
999-100-303IS	1	DATAPHONE I Plus Service — Configuration Guide
999-100-304IS	5	DATAPHONE II Service — Implementation Guide
999-100-307	3	DATAPHONE Multiplexer Service — Configuration Guide
999-100-308IS	2P	DATAPHONE II Series 700 Multiplexer — Configuration Guide

Number	Issue	Subject
999-100-309IS	3	DATAPHONE Multiplexer Service — Configuration Guide
999-100-312	1	DATAPHONE II System Control/Model 300 — Configuration/Implementation Guide
999-100-313IS	1	DATAPHONE II 2500 Series Data Service Units — Configuration Guide
999-100-314IS	1	DATAPHONE II 2600 Series Data Service Units — Configuration Guide
999-100-315IS	1	DATAPHONE II 2700 Series Data Service Units — Configuration Guide
999-100-316IS	1	DATAPHONE II 2600 Switch Digital Data Service Units — Configuration Guide
999-100-322	1	DATAPHONE II Data Cabinets
999-100-421	1	STARLAN Server — Administrator's Guide
999-100-423	1	STARLAN Network — User's Guide
999-100-425	1	STARLAN Installation — Configuration Guide
999-100-430	2	STARLAN Network Hub Unit Installation
999-100-431	2	STARLAN 10 Network Hub-Installation Guide
999-100-432	1	PC NAU — Installation Guide
999-100-434	1	10: Fiber Adapter — Installation Guide
999-100-437	1	NAU Plus Installation Guide
999-100-438	3	STARLAN Network DOS S/W — Installation Guide
999-100-439	1	DOS Server — Getting Started Guide V3.2
999-100-440	2	Client Menus — User Guide
999-100-441	2	Client Menus — Administration Guide
999-100-442	3	Client — User Guide
999-100-443	3	Client Software — Installation/ Configuration Guide
999-100-444	3	Client Server — Administration Guide V3.1
999-100-445	2	Client Quick Menus — User Guide
999-100-446	3	Client Windows Server — Administration
999-100-448	1	STARLAN 386 Network Manager Administration Guide V3.2
999-100-450	5	AS/Gateway Single Brd 3270 User Guide
999-100-453	3	STARLAN Network Client DOS User's Guide Supplement U3.2
999-100-454	3	STARLAN Network 386 Server Software — Installation and Administration Guide V3.2
999-100-455	3	STARLAN Network 386OSI — Network Program Guide V3.2
999-100-456	2	STARLAN Network 386 Remote PC Gateway Client — User's Guide V3.2
999-100-457	2	STARGROUP® Software 386 Remote PC Gateway: Server Administration Guide V3.2
999-100-458	1	STARLAN 10 Network Fiber Hub — Installation Guide
999-100-459	2	STARLAN 10 Network EN100 — Installation Guide
999-100-461	2	STARGROUP 386 Asynchronous Gateway Server — Administration Guide V3.2
999-100-463	1	STARLAN Network 3B2 Server Software — Installation and Administration Guide V3.1
999-100-464	2	STARLAN Network 3B2 OIS Network Program — Administration Guide V3.1
999-100-466	1	3.86 X:25 Router Program — Administration Guide V3.2
999-100-467	1	3B2 X.25 Router Program — Administration Guide
Addendum	7/87	
999-101-189IS	1	551T1 Bit Error Rate Test Set — User Manual
999-101-196IS	1	DATAPHONE II 2600 Series Operation Procedures — Reference Card
999-101-198IS	1	DATAPHONE II 2212C Modem — Reference Card
999-101-205IS	1	DATAPHONE II Level IV Introduction
999-101-207IS	1	DATAPHONE II Network Control Software Version 2.8B — Installation/ Maintenance Manual
Addendum	3/78	
999-101-213IS	1	DATAPHONE II Private Line Modem 2024/2048/2096 — Installation/ Maintenance Manual

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999-101-227	2	DATAPHONE II 745 ACCU-LINK® Multiplexer — Reference Guide
999-101-230IS	1	DATAPHONE II 2224B Full Duplex Modem — User Guide
999-101-231IS	1	DATAPHONE II Series 700 STAT MUX — User, Reference, Service Manual, and Binder
999-101-234IS	1	DATAPHONE II Series 700 Networker — User, Reference, Service Manuals and Binder
999-101-237IS	1	DATAPHONE II Series 700 T-MUX — User, Reference, Service Manuals and Binder
999-101-252IS	1	DATAPHONE II 2248 Modem 105A Multiple Mount — Installation Manual
999-101-253	1/87	System Controller 300 — Installation Manual
999-101-258IS	2	ACCUNET® Switched 56 Data Service Unit — Reference Card
999-101-281	1	DATAPHONE II System Control
999-101-289	1	DATAPHONE II 740/741 ACCU-LINK Multiplexer — Reference Manual
999-101-292	1	DATAPHONE® II 2224 CEO Modem — Getting Started
■ 999-101-305	1	ESF CSU Multiline User Manual
999-102-121IS	1	801 Automatic Calling Unit — User Manual
999-102-142IS	1	202T Modem — User Manual
999-102-150IS	1	500B Data Service Unit — DATAPHONE Digital Service — User Manual
Addendum	8/87	
999-102-153IS	1	208BR Modem — User Manual
999-102-154IS	1	108F & 108G Modem — User Manual
999-102-156IS	1	202SR Modem — User Manual
999-102-160IS	1	212AR Modem — User Manual
999-102-162IS	1	103JR Modem — User Manual
999-102-173IS	1	201CR Modem — User Manual
999-102-174IS	1	201C Modem — User Manual
999-102-225	1	DATAPHONE II 839 Type Dial Backup Units — Configuration Guide
999-102-227	1	DATAPHONE II 745 ACCU-LINK® Multiplexer
999-102-231	8/87	DATAPHONE II Series 700 Binder and Inserts Only — No Text
999-102-252IS	1	DATAPHONE II 2248 Stand-Alone Modem — User Manual
999-102-253	1	DATAPHONE II 300 Controller Communications Maintenance
999-102-270	1	System Controller 300/400
999-102-281	1	DATAPHONE II System Controller — Instruction Manual
999-102-287	1	Dialer Modules/2A4/2A2/2B1 Installation Instructions
999-102-292	1	DATAPHONE II 2224 CEO Modem
999-102-295	1	DATAPHONE 2224G Modem — Configuration Guide
999-103-253	1	DATAPHONE II System Controller Model 300 Command Directory
999-103-281	1	DATAPHONE II System Controller 400 Maintenance Manual
999-103-289	1	DATAPHONE II ACCULINK Multiplexer (Binder and Tabs only)
999-103-295	1	DATAPHONE II 2224 G Data Set
999-104-230IS	1	DATAPHONE II 2224A+B Full Duplex Modems — Reference Card
999-104-253	1	DATAPHONE II System Controller Model 300 Instruction
999-104-281	1	DATAPHONE II PC Software — Installation & User Guide
999-104-287	1	DATAPHONE II 2296A Modem 320A Kit
999-105-205IS	2	DATAPHONE II Video Display Terminal — Installation and Maintenance Manual
999-105-230IS	1	DATAPHONE II 2224E Full Duplex Modem — User Manual 8/87
999-105-155	8/87	DATAPHONE II SC 300 Installation /Maintenance Binder
999-105-281	1	DATAPHONE II SC 400 Configuration Implementation Guide
999-105-287	1	DATAPHONE II 2296A Modem 320B Kit
999-106-205IS	2	DATAPHONE II Local Copy Printer — Installation and Maintenance Manual
999-106-253	8/86	DATAPHONE II System Controller — Reference Card
999-106-281	1	DATAPHONE II SC/400 Introduction

Number	Issue	Subject
999-106-305	1	ESF CSU Expansion Shelf and Power Supply Installation Manual
999-107-205IS	2	DATAPHONE II System Printer — Installation and Maintenance Manual
999-107-281	1	DATAPHONE II 400 — Installation/ Maintenance
999-107-287	1	DATAPHONE II 2296 — Configuration Guide
Addendum	1	
999-107-296	1	DATAPHONE II 2292 — Configuration Guide
999-110-227	1	DATAPHONE II 745 ACCULINK Multiplexer — Configuration Guide
999-120-401	1	10: PC Fiber NAU Installation Guide
❶999-120-406	3	10: AUI Adapter Installation Guide Release 1.0
999-120-504	2	3B2 TCP Access Administration Guide
999-120-508	2	Administrating LAN Manager
999-120-510	2	Upgrading to LAN Manager
999-120-728	1	Concentrator Installation— Guide for STARLAN 100 Network
999-120-735	1	Brouter Installation Guide— Customer Traffic Data — Real Time User Guide R2.0
999-120-736	1	Brouter Administration Guide
999-120-743	1	Installing LAN Manager Version 3.4
999-120-744	1	Using LAN Manager Version 3.4
999-120-770	1	Network Smarthub Management Station Installation Guide
999-120-771	1	Network Smarthub Installation Guide
999-120-787	1	LAN/WAN Design Guide NOTE: Replaces 999-120-002
999-120-802	1	STARWAN® Brouter Guide Interoperability
999-190-155	8/87	DATAPHONE II Network Controller — User Manual Addendum to 999-100- 201IS

999-2 PBX Equipment

Number	Issue	Subject
999-200-155	3/78	How to Operate 557B Secretarial Board
999-200-156	3/78	How to Operate 507 Cordless Switchboard
999-200-157	3/78	How to Operate 555 Cordless Switchboard
999-200-158	3/78	How to Operate 556 Switchboard
999-200-159	3/78	How to Operate 608D Dial Switchboard
999-200-176	3	How to Operate DIMENSION® PBX Attendant Console with Feature Package 3
999-200-177	12/80	How to Operate DIMENSION PBX Attendant Console with Feature Package 4
999-200-178	2	How to Operate DIMENSION PBX Attendant Console with Feature Package 7
999-200-179	3	How to Operate DIMENSION with Feature Package 10
999-200-183	4	How to Operate Hospitality Communications System with Feature Package 9 4/89
999-200-184	3/78	How to Operate DIMENSION Attendant Console on AUTOVON 4/89
999-200-186	3/78	How to Operate 27 and 47 Type Consoles No. 2 ESS™
999-200-187	3	Hospitality Communications or Management System No. 9
999-200-188IS	6	How to Operate and Application Information DIMENSION PBX Customer Administration Panel with Feature Package 8
999-200-189	5	How to Operate and Application Information for CACS DIMENSION 2000 and Custom PBX 4/89
999-200-190	4/89	How to Operate DIMENSION Attendant Console — Visually Impaired Attendant
999-200-199	3	How to Operate and Application Information for CAP with Feature Package 12
999-200-200	4/89	How to Operate and Application Information for DIMENSION PBX Centralized Attendant Service FADS
999-200-201	3	How to Operate 50B Customer Premises System with Electronic Console

Number	Issue	Subject
999-200-202	3	How to Operate 50B Customer Premises System with Multiple Button Electronic Telephone Set (4/89)
999-200-209	5/89	Customer Administration Center System (CACS) Management — Reference Information
999-200-211IS	3	User Guide DIMENSION System Feature Package 15
999-200-212IS	3	DIMENSION System Administration Manual for Feature Package
999-200-213	2	How to Operate DIMENSION PBX Hospital Communications Management System Deluxe with Feature Package 11
999-200-214	2	How to Operate and Application Information for Customer Administration Panel Feature Package 11
999-200-215	2	How to Operate Hospitality Communications Management System — Deluxe with Feature Package 4/89
999-200-155	3/78	How to Operate and Application Information for DIMENSION PBX Uniform Call Distribution FADS 6/80
999-200-155	3/78	How to Operate DIMENSION PBX Console with Feature Package 9
999-200-218	2	Energy Communications Service DIMENSION PBX — Users Application and Instruction Guide
999-200-219	10/82	How to Operate Centralized Message Detail Recorder Direct Tape Version
999-200-220	2	How to Operate and Application Operation for Energy Communications Service with DIMENSION PBX
999-200-222	11/82	How to Operate Centralized Message Detail Recorder Direct Output Version
999-200-238IS	1	Manual Local Storage Unit Direct Output
999-200-241IS	2	DIMENSION System Feature Package 8 Implement Manual
999-200-243IS	2	DIMENSION System Reference Manual Feature Package 15 Implement Manual (6/89)
999-200-244	3/78	DIMENSION System — User Guide Feature Package 8
Addendum	3	7/89
999-200-155	3/78	DIMENSION System Feature Package 8 — Administration Manual
999-200-247IS	1	Energy Communications Service Adjunct — System Management Operation
999-200-248IS	1	Energy Communications Service Adjunct — Application Strategy
999-200-249IS	1	Energy Communications Service Adjunct System Planning — Reference Manual
999-200-250IS	1	DIMENSION® PRELUDE® System — Reference Manual
999-200-270IS	2	HORIZON® — Reference Manual
Addendum	1	
999-200-271IS	1	HORIZON — Administration Manual
999-200-272IS	1	HORIZON — Implementation Manual
999-200-280IS	1	HORIZON CMS/ACD — Reference Manual
999-200-281IS	1	HORIZON CMIS — Administration Manual
999-201-232IS	1	Subscriber Guide Voice Store and Forward Subs Guide
999-202-230IS	1	AP-16 Call Management System — Forecast Guide
999-202-232IS	1	Voice Store and Forward — Wallet Card
999-290-183IS	1	Addendum to 999-200-183
999-290-188IS	8/87	DIMENSION System with Feature Package 8 Administration Manual. Addendum to 999-200-188IS
999-290-189IS	1	Addendum 2 to 999-200-189
999-290-209IS	8/87	Reference Manual DIMENSION System with Feature Package 8 Customer Administration Center System. Addendum to 999-200-209IS 8/87
999-290-214IS	8/87	Administration Manual DIMENSION System Feature Package 11 Customer Administration Manual. Addendum to 999-200-214IS 8/87

Number	Issue	Subject
999-290-215IS	8/87	User Guide DIMENSION System with Feature Package 11. Addendum to 225IS 8/87
999-290-225IS	8/87	Addendum to 999-200-225IS

999-3 Terminals

Number	Issue	Subject
999-300-101IS	1	4418 Display Terminal — User's Guide — CC500067293
Appendix 1	3	CC501002612
Appendix 2	3	CC501003727
999-300-106IS	4	6500 Station — Manager's Guide (Binder) CC501004667
999-300-106IS	4	6500 Station — Manager's Guide (Text Only) CC501004634
999-300-106IS	5	6500 Station — Manager's Guide (Text Only) — CC501005342
999-300-106IS	6	6500 Station — Manager's Guide (Binder) CC5010007538
Addendum	6	
999-300-106IS	6	6500 Station — Manager's Guide (Text Only) — CC501006225 NOTE: Binder or text can be ordered separately.
999-300-109	8/87	CC501001580
999-300-109IS	1	4425 Telesystem Dialer — User Guide — CC500047980
999-300-121	6	How to Operate Asynchronous DATASPEED 40/1-2-3 Keyboard Display
999-300-124IS	1	Asynchronous DATASPEED® 4420 Keyboard Display
999-300-127IS	1	5620 Dot Mapped Display Terminal — User Guide — CC500066741
999-300-128IS	4	6561 Printer Controller — User Guide — CC500049440
999-300-133	3	Teleprinter 1000 RO — User Manual
999-300-134	1	How to Operate 43 Teleprinter KSR Stations
999-300-135IS	1	How to Operate 43 Teleprinter 8 Level BBR — User Guide
999-300-136	1	How to Operate 43 Teleprinter 5 Level Buffered Selective Calling Station and Paper Tape Punch
999-300-137	1	How to Operate 43 Teleprinter 8 Level Buffered Selective Calling Station
999-300-139IS	6	DATASPEED 4548-20/-22/-25 Keyboard Display — CC500067475
999-300-140IS	1	DATASPEED 4540 — User Guide
999-300-141	2	How to Operate DATASPEED 4540 Keyboard Display with Internal Numeric Cluster Keyboard
Addendum IS	1	
999-300-143IS	1	DATASPEED 4540 — Station Manager Manual
999-300-144IS	1	3330 Model 106 — User Guide
999-300-145	1	How to Operate 4540 Single Display Station with Trouble Analysis and Option
999-300-147IS	3	DATASPEED 4540 LCC — Administration Manual
999-300-150	1	How to Operate COMM-STOR* II
999-300-150IS	3	478/479 Printer — User Guide CC500049523
999-300-151IS	2	478/479 Printer — Pocket Reference Guide — CC500067376
999-300-152	3	Field Attribute Chart
999-300-152IS	1	478/479 Printer — Reference Manual — CC500049028
999-300-153IS	1	How to Use COMM-STOR II SMDR Revise F-02
999-300-156IS	2	Call Rating System Feature Group A Revise B.03
999-300-157IS	2	Call Rating System Feature Group B Revise B.03
999-300-158IS	1	PDE 100 Terminal — Administration Manual
999-300-159IS	1	PDE 200 Terminal — Administration Manual
999-300-160IS	1	PDE COMM-STOR II — User Manual
999-300-163	1	DATASPEED Printer Noise-Reducing — User's Operation Instruction
999-300-164IS	1	PDE Terminals APPL SPEL Manual
999-300-165IS	1	PDE Terminals UDM II — Program Manual

* COMM-STOR is a registered trademark of Sykes Dataronics, Inc.

Number	Issue	Subject
999-300-166IS	1	PDE 100 Terminal PDAM — Program Manual
999-300-167IS	1	PDE Terminal — Administration Manual
999-300-170AB	1	QUORUM® Tele-Conference Bridge — User Guide (8-84)
999-300-171AB	1	QUORUM Teleclass Bridge — User Guide
999-300-173IS	1	GEMINI® Electronic Conference System — User Guide
999-300-175IS	3	TELESEER® SMDR — User Guide
Addendum	1	
999-300-176IS	1	477 Deluxe Color Printer — User Guide
999-300-178IS	8/87	AT&T Model 7500S Electronic Typewriter — User Guide
999-300-179IS	4	6528/6529 Displays — User Guide — CC501005862
999-300-182	2	447 Printers — User Guide
999-300-183IS	2	5310/5320 Teleprinter — User Guide — CC501000608
999-300-195IS	1	Introduction to Protocol Converters
999-300-198IS	1	AT&T 7500S Electronic Typewriter LCV Communications Interface
999-300-205	1	PC6300 — Reference Manual — CC405235359
999-300-209IS	1	510/510A Universal Security Cartridge — User Card
999-300-210IS	1	510/510A Universal Directory Cartridge — User Card
999-300-211IS	3	620 Multi-Tasking Graphics Terminal — User's Guide — CC501001507
999-300-212IS	1	620 Multi-Tasking Graphics Terminal — Pocket Reference Guide — CC501001515
999-300-224IS	2	5310 Printer — User's Guide — CC501000616
999-300-225IS	2	478T Printer — User's Guide — CC501000624
999-300-227IS	2	561600AAA Dialer/Modem — User Guide — CC500067780
999-300-233IS	3	5305 Printer — User Guide — CC501007561
999-300-234IS	2	478T Printer — Pocket Reference Guide — CC501000640
999-300-235IS	1	5305 Printer — Reference Manual — CC501001028
999-300-236IS	3	6571 & 6572 Printer — User Guide — CC501000657
999-300-237IS	2	6571 Printer — Reference Manual — CC501001531
999-300-239IS	1	5310T Printer — Pocket Reference Guide — CC501000665
999-300-247IS	4	6518 Display — User Guide — CC501005870
999-300-248IS	2	6578 Display Terminal — User Guide — CC501000673
999-300-250IS	1	PT 510A — User Guide — CC403781354
999-300-252IS	1	PT 510 — User Guide
Addendum	1	CC501006001
999-300-253IS	1	PT 510-R2 — User Guide — CC501001374
999-300-255IS	1	PT 510D-R2 — Technical Reference Manual — CC501001390
999-300-270IS	1	610 BCT — User Guide — CC500067418
999-300-274IS	2	5310/5320 Printer — User's Guide — CC501006233
999-300-275IS	1	5310/5320 Printer — Pocket Reference Guide — CC501001762
999-300-280IS	1	AT&T FAX 3510D — User Guide
999-300-284IS	2	473/474 Printer — User Guide
999-300-285IS	2	470/471 475/476 Printer — User Guide
999-300-286IS	1	435 Plotter — User Guide
999-300-287IS	1	435 Plotter — Quick Reference Card
999-300-288IS	1	435 Plotter — Programming Guide
999-300-294IS	1	SSI IRMA PC Adapter — User Guide — CC501002125
999-300-297IS	1	6579 Display — User Guide — CC501002463
999-300-297IS	2	6579 Display — User Guide — CC501006977 — Template No. CC524604436
999-300-298IS	2	6580 Display — User Guide — CC501006969 — Template No. CC524604444
999-300-299IS	1	605 Business Communications Terminal — User Guide — CC501002489 (With Template — CC523457035)

Number	Issue	Subject
999-300-302IS	1	615 Multi-Tasking Terminal — User Guide — CC501002505
999-300-303IS	2	Pocket Reference Guide — 615 Multi-Tasking Terminal — Pocket Reference Guide — CC501002513
999-300-322IS	1	620 Multi-Tasking Graphics Terminal — Technical Reference — CC501002836
999-300-323IS	1	Dataspeed 4425 Emulation Cartridge — User Guide — CC501003024
999-300-324IS	1	VT220 Emulation Cartridge — User Guide — CC501003032
999-300-325IS	2	561 602 AA AA Auto Dialer — User Guide — CC501003040
999-300-326IS	1	561 603 AA AA Limited Distance Modem — User Guide — CC501003057
999-300-327IS	2	513 BCT/System 75 Emulation Cartridge — User Guide — CC501003065
999-300-329IS	2	Upgrade A 610 BCT to A 615 MT — Installation Guide — CC501003081
999-300-331IS	1	561 620 RAM Module — User Guide — CC501003107
999-300-340IS	1	630 MTG Software — Reference Manual — CC501003545
999-300-341	1	630 MTG Software — Development Guide — CC501003552
999-300-342	2	630 MTG Software — Release Notes — CC501003560
999-300-346	3	User Guide Installation/Test — CC501003834
999-300-351IS	1	4540 Keyboard Display When Used With a 6500 Station — User Guide — CC501003909
999-300-358IS	1	6518 Display — Installation Guide — CC501003990
999-300-359IS	1	6528/6529 Displays — Installation Guide — CC501004006
999-300-360IS	1	6538/6539 Displays — Installation Guide — CC501004014
999-300-361IS	1	6543 Multi-Function Communication Controller — Installation Guide — CC501004022
999-300-362IS	1	6544 Multi-Function Communication Controller — Installation Guide — CC501004030
999-300-374IS	1	510D-R1 Modification Kit Office Telesystem Compatibility — User Guide — CC501004170
999-300-375IS	2	630 Multi-Tasking Graphics (MTG) Terminal User Guide — CC501006050
999-300-376	1	PC6310 — Users Guide — CC105293526
999-300-377	1	PC6310 Hardware — Reference Manual — CC105293534
999-300-380IS	1	SSI/E1A RS-232-C Expansion I/O Card — Installation Guide — CC501004618
999-300-381	1	PC6310 — Service Manual — CC105305049
999-300-383	1	PC6310 ROM/BIOS Manual — CC105335939
Addendum	1	CC501006423
999-300-392IS	2	6500 Station Manager Guide — AT&T Communications — Special Supplement 2.1 — CC501005599
999-300-393IS	1	6538/6539 Display — User Guide — AT&T Communications — Special Supplement 2.1 — CC501005607
999-300-394IS	1	6591 Display — User Guide — CC501005631
999-300-395	1	PC6386 — User's Guide — CC105377451
999-300-396	1	PC6386 Service Manual — CC105379309
999-300-397	1	PC6386 Hardware Reference Manual — CC105380562
999-300-400	1	PC6386 ROM/BIOS Manual — CC105379317
999-300-409	1	UNIX* 6386 ISV/VAR Tool Kit — CC105389001
999-300-420	1	610 BCT Replacement of Software EPROMS with Version 1.3 — Installation Guide — CC501006340
999-300-427	1	6386 UNIX System V Document Roadmap — CC105435754
999-300-428	1	6386 UNIX System V Product — CC105429658
999-300-431	1	PC6312 — Users Guide — CC105422158

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999-300-432	1	PC6312 Hardware — Reference Manual — CC105422166
999-300-433	1	PC6312 — Service Manual — CC105422174
999-300-434	1	PC6312 ROM/BIOS Manual — CC105422182
999-300-438IS	1	Non-AT&T Plug Compatible Manufacture (PCM) Displays Used in the 6500 Station — User's Guide — CC501006688
999-300-439	1	442/444 Printers — User Guide
999-300-440	1	6598 SSI to Fiber Optic Multiplexer — Users Guide — CC501006704
999-300-447	1	Foundation Manual — CC105429708
999-300-449	1	SSI Net Pocket Controller Installation Guide — AT&T Time and Attendant System — CC501006852
999-300-450	1	1A Data Collection Terminal Installation Guide — AT&T Time and Attendance System — CC501006845
999-300-452	2	SSI RS232 Protocol Conversion Installation Guide — AT&T Time and Attendance System — CC501006829
999-300-481	1	6538/6539 Users Guide — Four Sync Host Access and Extended Play Key Enhancement Supplement — CC501008072
999-300-498	1	Personal Computers (3270 Terminal Emulation) Connectivity and Operation With 6500 User's Guide — CC501008239
999-300-515	1	6538/6539 Displays Generic 3.1 — Users Guide Supplement — CC501008379
999-300-516	1	Non AT&T Compatible Manufacture (PCM) Displays Used in the 6500 Station Generic 3.1 Users Guide Supplement — CC501008387
999-300-551	1	6528/6529 Displays Generic 3.1 Users Guide Supplement — CC501008452
999-300-552	1	6544 Multi-Function Communication Controller With Expanded Features — Installation Guide — CC501008460
999-300-554	1	605 Asynchronous Terminal Interfaces Mil-Std 188-114A and RS-449-Users Guide Supplement — CC501008684
999-300-555	1	630 MTG for 6500 System — Users Guide Supplement — CC501008718
999-300-557	1	6562 Printer Controller — User's Guide — CC501008924
999-300-558	1	6518/6529, 6538/6539 Display (56KS60AGH Keyboard) — Users Guide Supplement — CC501008767
999-300-561	2	570/571 Printer Users Guide — CC501008957
999-300-562	1	572/573 Printer Users Guide — CC501008932
999-300-563	1	580/581/583 Printer Guide — CC501008940
999-300-567	1	6542 Mini Controllers Installation Guide — CC501009039
999-300-568	1	6542 Controllers Generic 3.2 Station — Managers Guide — CC501009054
999-300-570	1	615 Color Multitasking Terminal — User's Guide — CC501009476
999-300-571	1	5305 Printer Reference Manual Supplement (Version A, B, C) CC501009518
999-300-572	1	605 Asynchronous Terminal Technical Reference — CC501009815
999-300-579	1	6583/6539 Display User's Guide Supplement (Tandem/Hewlett Packard Feature Package)
999-300-584	1	6591D Display Users Guide — CC501010540
999-300-585	1	6592 D/F Display Users Guide — CC501010557
999-300-592	1	6544 Controller Generic 3.2 Station — Managers Guide — CC501010623
999-300-593	1	6542 Expanded Memory Logic Module — Installation Guide — CC501010631

Number	Issue	Subject
999-300-594	1	6542 Two Port Asynchronous Logic Module — Installation Guide — CC501010649
999-300-595	1	6542 Four Port PCM Device Logic Module — Installation Guide — CC501010656
999-300-601	1	Generic 3.0.1 Station Managers Guide Supplement — CC501010524
999-300-608	1	6544 Token — Ring Logic Module — Installation Guide — CC501011019
999-300-614	2	6562 Printer Controller Quick Reference Guide — CC501011142
999-300-615	1	6518 Display (56K560/AGA Keyboard) Generic 3.2 — User's Guide Supplement — CC501011373
999-300-616	1	6528/6529 Display Generic 3.2 — User's Guide Supplement — CC501011365
999-300-617	1	6538/6539 Display Generic 3.2 — Users Guide Supplement — CC501011357
999-300-619	1	PCM Display Operation With 6500 Generic 3.2 — User's Guide — CC501011381
999-300-623	1	6538/6539 Display User's Guide Supplement (Hewlett Packard Feature Group)
999-300-629	3	AT&T 593 Laser Printer — User's Guide
999-300-630	3	AT&T 593 Laser Printer — Application Manual
999-300-640	1	6544 Controller Generic 3.3 — Station Manager's Guide Supplement
999-300-643	1	6544 Controller Token Ring Gateway Feature — Station Manager's Guide Supplement
999-300-644	1	6544 Controller AP Feature for Generic 3.2 Station Manager's Guide Supplement — CC501012892
999-300-645	1	6544 Controller AP Feature for Generic 3.2 Technical Reference Supplement — CC501012884
999-300-646	1	730X User's Guide
999-300-650	1	6544 Controller Terminal Dialing Feature Package for 6538/6539 Display — User's Guide Supplement — CC501013106
999-300-651	1	6538/6539 Display AP Feature for Generic 3.2 — User's Guide E Supplement — CC501013122
999-300-652	1	730 Multi-Tasking Graphics Terminal — User's Guide
999-300-653	1	730 Mounting Terminal Pocket Reference Card (3.5 x8.5")
999-300-693	1	6544 Controller Token-Ring Client Feature — Station Manager's Guide Supplement
999-300-694	1	730 Mounting Upgrade Kit — Installation Instructions — CC406096396
999-300-698	1	6471 EA/EG Displays — User's Guide
999-300-702	1	6471 FA/FG Displays — User's Guide
999-300-708	1	595 Laser Printer — Application Manual
999-300-721	1	730+ Users Guide
999-300-735	1	705 MT Multitasking Terminal Reference Manual
999-300-738	1	750 CX Terminal System Administrators Guide
999-301-121IS	1	Dataspeed 40 Printer — User's Guide
999-301-123	1	How to Operate Data Set 201C with Synchronous DATASPEED 40/4 Station
999-301-124	2	Options Guide Asynchronous DATASPEED 4420 Keyboard Display
999-301-132	1	Teleprinter 1000 KSR — Reference Card
999-301-138	1	DATASPEED 4430 — Optioning Manual
Addendum	3	CC501006746
999-301-139IS	3	Enhanced DATASPEED 4540/4544 CONT — Administration Manual — CC500067426
999-301-150	2	COMM-STOR II CSV — User Reference Guide
999-301-151	2	COMM-STOR II 8A1/8B1 — User Reference Card
999-301-152	2	How to Use COMM-STOR II Extended Forms Option

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999-301-158IS	1	PDE 100 Operate Card
999-301-159IS	1	PDE 200 Terminal Card
999-301-160IS	1	PDE COMM-STOR Technical Reference
999-301-175IS	3	TELESEER® SMDR — Service Manual
999-301-183IS	2	Model 5310/5320 Printer — Reference Manual — CC501001036
999-301-190IS	4	Network Distribution Systems Networking Multiplexers — Planning and — Configuration Guide
999-301-270IS	1	610 BCT — Pocket Reference Guide — CC500067459
999-301-280IS	8/87	AT&T FAX 3510D Reference Manual
999-302-123	1	How to Operate Data Set 208A with Synchronous DATASPEED 40/4 Station
999-302-124IS	1	DATASPEED 420 Technical Reference
999-302-132	1	Teleprinter 1000 KSR Configuration Worksheet
999-302-133	1	Teleprinter 1000 RO Configuration Worksheet
999-302-137	1	Optioning Manual 43 Teleprinter 8 Level Buffered Selective Calling
999-302-139IS	1	DATASPEED 4540 Keyboard Display — User Guide — CC501000681
999-302-151IS	1	How to Operate COMM-STOR II Local Storage Unit
999-302-170IS	1	QUORUM® Teleconference Bridge Installation Manual
999-302-171IS	1	QUORUM Teleclass Bridge Installation Manual
999-303-136IS	1	43 Teleprinter 5 Level Buffered Selective Calling Implementation Manual
999-303-139IS	1	DATASPEED® 454P Information Display System Implementation Manual SNA/SDLC
999-303-140	1	How to Operate DATASPEED® 4540/CP45 027 Keyboard Display
999-303-143	1	Station Managers Manual DATASPEED® 4540/CP45 270
999-303-252IS	1	510 Introduction Training — User Card
999-304-136IS	1	Optioning Manual 43 Teleprinter 5 Level BSC Enhanced
999-304-139IS	1	DATASPEED® 4540 Keyboard Display — User Guide — CC501000707
999-305-121	2	How to Operate DATASPEED® 40 Forms Access Printer
Addendum	2	
999-306-139IS	1	Enhanced DATASPEED® 4540 Wiring — Installation Guide — CC500000723
AddendumIS	1	CC501002216
999-306-250IS	1	PT 510A Technical Reference Manual
Addendum	1	
999-306-252IS	1	PT 510 Technical Reference Manual
999-307-139IS	5	DATASPEED 4558-12 Keyboard Display — CC500067475
999-308-139IS	2	CC501001572
999-308-139IS	2	DATASPEED 4540-4546 Cont Administration Manual — CC500067483
999-310-180IS	1	DATASPEED 4410 Display Terminal With Option Integrated MOD — User Guide
999-310-181IS	2	DATASPEED 4425 Display Terminal — User Guide — CC500067509
999-311-121	2	How to Operate Data Set 103G in DATASPEED 40/2 Station
999-311-180IS	1	DATASPEED 4410 Display Terminal — Pocket Reference Guide — CC500067525
999-311-181IS	2	DATASPEED 4425 Display Terminal — Pocket Reference Guide — CC500067533
999-312-121	2	How to Operate Data Set 103J DATASPEED 40/2 Station
999-312-180	8/87	DATASPEED 4410 — Technical Reference Manual
999-313-121	1	How to Operate Data Set 103 A3 DATASPEED 40 Station
999-314-121	1	How to Operate Data Set 103A DATASPEED 40 Station
999-314-139	1	IRMA Keyboard — Configuration Guide Card — CC500067541
999-316-121	1	How to Operate Data Set 202C DATASPEED 40 Station

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999-318-121	1	How to Operate Data Set 202R DATASPEED 40 Station
999-318-139IS	1	4540/E4544 Local Channel Control — Implementation Guide — CC501000731
999-319-121	1	How to Operate Data Set 202S DATASPEED 40 Station
999-320-121	1	How to Operate Data Set 202T DATASPEED 40 Station
999-350-502	1	FAX 3500D — User's Guide
999-350-503	1	FAX 3500D — Quick Reference Guide
999-350-504	1	FAX 3520D — User's Guide
999-350-505	1	FAX 3520D — Quick Reference Guide
999-350-580	1	FAX — Sales Training Video 1/2
999-350-581	1	Facsimile Family — Sales Training Video/Companion Workbook
999-350-582	1	FAX 3500D — Customer Education Video
999-350-585	1	FAX 3530D — Customer Education Video
999-350-586	2	FAX Dealer — Product Guide
999-350-587	1	Family of FAX — Product Guide
999-350-588	1	Family of FAX — Site Seller Guide
999-350-589	1	FAX 3410D User Guide
999-350-590	8/87	SPIRIT® Communications System — User Training Workbook
999-350-591	1	SPIRIT Communications System — Sales Training
999-350-592	1	SPIRIT Communications 2448 — User Training
999-350-594	10/91	FAX — Competitive Facsimile Guide Button System — Interconnection/Cross-Connection Apparatus — Description and Installation
999-350-595	1	SPIRIT Communications System Model 308/616 System Planner
999-350-596	1	AT&T FAX FEATURES and Competitive Product Matrix
999-350-599	1	FAX 3410D Field Service Manual
999-350-601	1	FAX 4515D User's Guide
999-350-602	1	FAX 4525D User's Guide
999-350-603	1	VMS System Administration Guide
999-350-604	1	VMS Installation Implementation Maintenance Guide
999-350-605	1	VMS Quick Reference Guide
999-350-606	1	VMS Installation Implementation Maintenance Update
999-350-607	1	VMS ERTA Administration Guide
999-350-613	1	CL Accounting TM Custom Installation
999-350-622	1	Customer Satisfaction Guarantee
999-350-623	1	1A Key Pocket Reference Card
999-350-625	1	Merlin ML VMS LGD SL Guide
999-350-626	1	GBS Marketing and Sales Guide
999-350-627	1	GBS USA Brochure (25 per pkg)
999-350-629	1	PAGE PAC* Help Guide (Text and Tabs Only)
Addendum	1	
999-350-637	1	Automated Document Deliver System
999-350-638	1	INNMANAGER Marketing and Sales Guide
999-350-639	1	INNMANAGER Sample Reports Guide
999-350-641	1	ITT Sales and Service Guide
999-350-642	1	Executone Sales and Service Guide
999-350-643	1	TIE Communications Sales and Service Reference Guide
999-350-644	1	MITEL Sales and Service Reference Guide
999-350-645	1	Classic Line Marketing
999-350-646	1	Trade-In Policy
999-350-655	3	Signaling Products Quick Reference Guide
999-350-660	1	Partner II Installation Attendant
999-350-661	1	GBS Product Family Posting
999-350-665	1	Elevator Phone Sales Aid
999-350-666	1	Explosive ATMO Phone (CIB3162) Sales Aid
999-350-667	1	Outdoor Telephone (CIB3161)
■ 999-350-668	1	LX-246/RDC II Marketing Sales Guide
999-350-670	1	AT&T FAX PPF 200 User Guide

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Number	Issue	Subject
999-5 ACD and KEY Systems		
999-500-110	4	How to Operate COM KEY® 718 Communications System
999-500-115	4/89	How to Operate Attendant Tele-Emer Ans Bur-Basic 911 Service
999-500-116	4/89	How to Operate 600A-Type Attendant Console Phase II ACD-ESS
999-500-117	4/89	ACD-ESS™ Phase 2 Supervisor Console
999-500-119	4/89	AEMIS Function Group and ACD (em Supervisor Manual
999-500-120	4/89	How to Operate 600B/C/D-Type Attendant Console Phase II ACD-ESS
999-500-121	4/89	How to Operate 10A1-50 Selective Console
999-500-128	4/89	Customer Administration Panel (CAP) for ESS™ — How to Operate and Application Information
999-500-133	5/89	AEMIS — Administration Guide
999-500-135IS	5	MERLIN® — User Guide 206/410 Feature Package 1
999-500-136IS	2	MERLIN — User Guide 206/410/820 Feature Package 2
999-500-137IS	1	MERLIN — User Guide 1030/3070 F/M 1
999-500-138IS	1	MERLIN — Using the MERLIN® System with CENTREX OR PDX
999-500-140IS	1	MERLIN — User Guide 1030/3070 F/M 4
999-500-141	1	MERLIN Plus R2 System Planner
999-500-143IS	1	MERLIN — Users Guide 1030/3070 F/M 5
999-500-148	2	MERLIN PLUS User Guide
999-500-149	1	MERLIN II FM User Card
999-500-153IS	1	2500 Telephone Set with Waiting and Recall
999-500-154IS	1	Message Waiting Indicator Adjunct — User Guide
999-500-155IS	1	346 Modular Bulk Power Supply — User Guide
999-500-200IS	11/87	PAPERPAC-Powermate Voice Paging System — Service and Installation Manual
999-500-201IS	1	PAPERPAC-Talkmate Voice Paging System — Service and Installation Manual
999-500-202IS	1	PAPERPAC 20 Musicmate — Service and Installation Manual
999-500-203IS	8/87	PAPERPAC 20 Zonemate 3 — Service Manual — MERLIN CS Connect and Operation
999-500-204IS	2	PAPERPAC 20 Zonemate 9 — Service Manual
999-500-205IS	1	PAPERPAC 20 Zonemate 39 — Service Manual
999-500-206IS	2	PAPERPAC 20 Powermate MERLIN Communications System — Installation Instruction
999-500-225IS	2/87	Electronic Key Telephone System Model 2600 Self — Installation Guide
999-500-226	4	SPIRIT Communications Model 308/616 — Customer Installation Instruction
999-500-227	2	SPIRIT Communications Model 308/616 Expand Unit — Installation Instruction
999-500-228	5	SPIRIT Communications Model 308/616 — Administrators Manual
999-500-231	8/87	SPIRIT 308/MERLIN + 25/PAD (Stick-on Decals)
999-500-232	3	SPIRIT Communications System 2248/1224
999-500-233	4	SPIRIT Communications System Model 2448 Expansion Unit — Installation Instructions
999-500-234	4	SPIRIT Communications System Model 2448 Line and Station Cards — Installation Instructions
999-500-235	5	SPIRIT Communications System Model 2248 — Administration Manual
999-500-236	3	SPIRIT Communications System Model 2448 48-button Attendant Adjunct — Instruction Card
999-500-237	4	SPIRIT Communications System — User Manual
999-500-238	3	SPIRIT Communications System Model 308/616
999-500-239	1	SPIRIT Button Designation Label Sheet
999-500-240	11/89	SPIRIT Customer Convenience Kit
999-500-241	1	SPIRIT 308/616 Overlay
999-500-242	1	SPIRIT 2448 Overlay

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999-500-245	1	PAGEPAC VS
999-500-247	1	Call Accounting System GBS — Planning, Configuration, and Implementation Guide
999-500-249IS	4/89	1A2 Key Telephone System — Replacement Parts Manual
999-500-250	1	FAX 3410D Service Training Manual
999-500-251	1	PAGEPAC 6/6 PL Marketing
999-500-253	1	PAGEPAC 6/6 Y/N Guide
999-500-257	1	PAGEPAC PL Quick Reference Card
999-500-259	1	PAGEPAC 6/6 Sales WB
999-500-260	1	FAX 9025 FAX User Guide
999-500-261	1	FAX 9035 FAX User Guide
999-500-262	1	FAX Field Service Manual
999-500-268	1	P TEC Lite Speaker
999-500-270IS	3	Installation Service manual — Single Line Set
999-500-271	1	FAX 9015PF User Guide
999-500-272	1	FAX 9015PF Field Service Manual
999-500-288	1	FAX 9020FX User Guide
999-500-289	1	FAX 9020FX Field Service Manual
999-500-290	1	FAX 9012 User Guide
999-500-291	1	FAX 9500 PPF FAX Operator's Guide
999-500-291A	1	FAX 9500 PPF Plus Supplemental Operator's Instructions
999-500-292	1	FAX 9022 FAX User Guide
999-500-292A	1	FAX User's Guide 9022 Update
999-500-293	1	FAX 9022 FAX Quick Reference Card
999-500-294	1	FAX 9025 Plus User Guide
999-500-295	1	FAX 9035 Plus User Guide
999-500-297	1	FAX 5300 User Guide
999-500-298	1	FAX 5300 Quick Reference Booklet
999-500-299	1	FAX 9025 PL Quick Reference Guide
999-500-300	1	FAX PL Field Service Technical Manual
999-500-303	1	MERLIN PFC® (Phone Fax Copier) — User Guide
999-500-304	1	MERLIN PFC — Installation and Maintenance
999-500-305	1	PAGE PAC 6 Installation Manual
999-500-306	1	PAGE PAC 6+ Installation Manual
999-500-307	1	PAGE PAC 20+ Installation Manual
999-500-315	3	AT&T Door and Phone Controller Installation and Operation Manual
999-500-316	1	PARTNER® PL Speaker Installation
999-500-317	1	PARTNER DR Phone Installation
999-500-332	1	PARTNER Made USA Brochure
Addendum	1	
999-500-353	1	Audix Voice Power (AVP) Manager Guide R2.0
999-500-354	1	Audix Voice Power (AVP) Quick Reference R2.0
Addendum	1	
999-500-355	1	Intuity Voice Power (AVP) User Quick Reference R2.0
999-500-356	1	Intuity Voice Power (AVP) System Manager's Guide R2
999-500-357	1	Intuity Voice Power (AVP) Installation Maintenance Guide R2
999-500-413	1	ADDS Administration Guide
999-500-416	1	FAX Attendant System Manager's Guide
999-500-417	1	FAX Attendant Installation and Manitenance
999-500-418	1	FAX Attendant User Quick Reference
999-500-422	1	FAX 5300 Field Service Manual
999-500-423	1	FAX 5350 User's Guide
999-500-424	1	FAX 5350 Quick Reference Book
■ Addendum	1	
■ 999-500-429	1	Marketing Sales — Integrated Solution III
■ Addendum	1	
■ 999-500-431	1	PARTNER PLUS Marketing Sales Guide
■ 999-500-432	1	MERLIN LEGEND® Marketing Sales Guide
■ 999-500-433	1	COMDIAL and Southwestern Bell

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■ 999-500-434	1	NEC* PANASONIC†/TOSHIBA‡
■ 999-500-438	1	AT&T ACCULINK Access Controller Marketing and Sales Guide
■ Addendum	1	
■ 999-500-439	1	AT&T Service Protection Plan III Account Team Brochure
■ 999-500-441	1	PARTNER Marketing and Sales Guide R3
■ 999-500-442	1	MERLIN LEGEND Training Video Basic — End User
999-500-445	1	1993 Premier Performance
Addendum	1	DEFINITY® Price List
999-500-450	1	DEFINITY® Marketing and Sales Guide
999-500-640	1	FAX Finder 9500 Printer, Phone, Fax (PPF) Update
999-500-841IS	3	HORIZON® Attendant — User Guide
999-501-133	12/82	AEMIS Administration Guide. Addendum 1 (999-500-133)
999-501-138IS	8/87	MERLIN Maintenance Exchange Procedures
999-501-140	1	MERLIN Plus Communications System — System Planner
999-501-141	1	MERLIN Plus R2 Communications System — System Planner
999-501-142	8/87	MERLIN 1030/3070 PC6300 Call Management System Version 1.5
999-501-145	1	MERLIN II Communications System — User's Card — 5-button, 10-button, and 34-button Voice Terminal
999-501-149	1	MERLIN II Call Management System — System Manual
999-502-135IS	3	MERLIN — User Card MERLIN® Small Communications System
999-502-136IS	1	MERLIN Standard Feature — User Guide 206/410/820
999-502-137IS	1	MERLIN — Attendant Guide 1030/3070 F/M 1
999-502-138IS	2	MERLIN — User Guide 1030/3070 CTX/PBX F/M 3
999-502-140IS	1	MERLIN Planning Guide — 1030/3070 with F/M 4
999-502-143IS	1	MERLIN Planning Guide — 1030/3070 with F/M 5
999-502-144	1	MERLIN Plus Communications System — Users Card
999-502-145	1	MERLIN II Communications System — User's Card — 7406 Voice Terminal
999-502-146	1	MERLIN II Communications System — User's Card — Basic Touch-tone and Rotary Telephones
999-502-148	1	MERLIN Plus Communications System RLA Card
999-502-149	1	MERLIN II Communications System Inst Gtng Std
999-503-137IS	3	MERLIN — User Guide Basic TT/RO Telephones
999-503-138	1	MERLIN II 5102234 User Guide
999-503-139	1	MERLIN II 7406B/D User Guide
999-503-140	1	MERLIN FM2 TT/ROT
999-503-141	1	MERLIN II R3 TT/ROT
999-503-142	1	MERLIN II R3 User Guide Button
999-503-143	1	MERLIN II 7406D&W/D User Guide
999-503-144	1	MERLIN II Communications System — Planning Guide Forms
999-503-145	1	MERLIN II Communications System — Planning Guide
999-503-148	1	MERLIN Plus R2 Customer Chart
999-503-149	1	MERLIN II FM2 Planning Guide
■ 999-503-413	1	ADDS Administration Guide System
999-504-135IS	5	MERLIN — Administration Manual 206/410 F/M 1
999-504-136IS	2	MERLIN — Administration Manual 206/410/820 F/P 2
999-504-137IS	1	MERLIN 1030/3070 F/M 1 — Administration Manual
999-504-138IS	2	MERLIN — Attendant Guide 1030/3070 CTX/PBX F/M 3
999-504-139	1	MERLIN II Attendant Planning FM
999-504-140	1	MERLIN II R3 Attendant User Guide

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† PANASONIC is a registered trademark of Matsushita Electric Industrial Company

‡ Toshiba is a registered trademark of Kabushiki Kaisha Toshiba

Number	Issue	Subject
999-504-149	1	MERLIN II Planning Guide CMS
999-505-137IS	3	MERLIN — User Guide Off-Premises Telephones
999-505-144	1	MERLIN Plus Training
999-506-137IS	1	MERLIN — User Guide 1030/3070 F/M 2
999-506-138IS	2	MERLIN Administration Manual 1030/3070 CTX/PBX F/M 3
999-506-139	1	PARTNER R1 Installation User Guide
999-506-141	1	PARTNER Installation Programming Guide
999-506-142	1	PARTNER System Manager's Guide
999-506-143	2	MLC-6 Cordless Telephone — Installation and Troubleshooting
999-506-144	1	PARTNER Quick Reference Card
999-506-144SP	1	PARTNER Quick Reference Card (Spanish)
999-506-145	1	PARTNER Plus Quick Reference Card
999-506-146	1	MLC6 Cordless Quick Reference Guide
999-506-147	1	PARTNER and PARTNER Plus Marketing
999-506-155SP	1	PARTNER Plus Quick Reference Card
999-506-156SP	1	PARTNER Plus Quick Reference Card (Spanish)
999-507-137IS	1	MERLIN Administration Manual 1030/3070 F/M 2
999-507-140IS	1	MERLIN Administration Manual 1030/3070 F/M 4
999-507-143IS	1	MERLIN Administration Manual 1030/3070 F/M 5
999-507-144	1	MERLIN Plus Communications System — System Manual
999-507-145	1	MERLIN II System Manual
999-507-146	1	MERLIN II R3 System Manual
999-507-147	1	MERLIN II DRV Administration Chart
999-507-148	1	MERLIN Plus R2 1 Set
999-507-149	1	MERLIN II System Manual FEA MOD
999-508-137IS	1	MERLIN — Attendant Guide 1030/3070 F/M 2
999-508-140IS	1	MERLIN — Attendant Guide 1030/3070 F/M 4
999-508-143IS	1	MERLIN — Attendant Guide 1030/3070 F/M 5
999-508-145	1	MERLIN II — Attendant's Card
999-508-148	1	MERLIN II — Attendant's Guide
999-509-135	8/87	MERLIN Plus Communications System — Sales Training
999-509-138SP	1	MERLIN Guide (Spanish)
999-509-139SP	1	MERLIN Quick Reference Card (Spanish)
999-509-140SP	1	MERLIN Faceplate BIS 10 (Spanish)
999-509-141SP	1	MERLIN Faceplate BIS 22 (Spanish)
999-509-142SP	1	MERLIN Faceplate BIS 34 (Spanish)
999-509-143SP	1	MERLIN Faceplate BIS 22D (Spanish)
999-510-135	1	MERLIN II Custom Button Chart
Addendum	1	
999-510-136	1	MERLIN ML VMS Planning Guide Forms
Addendum	1	
999-510-137	1	MERLIN ML Installation Implementation Manual
999-510-138	1	MERLIN ML Voice Message Quick Guide
999-510-139	1	MERLIN ML Administration Guide
999-510-141	1	MERLIN ML Planning Forms
999-510-145	1	PARTNER II VD Customer Training

999-6 Telephone Technique

		Sleeves for 5 1/4 Disks
999-600-103	4/77	How to Win Friends on the Telephone
999-600-107	6/77	The Secretary and the Telephone
999-600-111	16	Area Code Handbook
999-600-620IS	1	X25 BUS Monitor Operator Manual
999-601-195	8/87	Protocol Converter — User Manual
999-601-196	8/87	Protocol Converter Sales
999-601-610IS	8/87	X25 NP Operators Handbook
999-602-195	2	Protocol Converter — User Guide

Number	Issue	Subject
999-602-196	1	Protocol Converter — Sales
999-603-195	1	Protocol Converter — User Manual
999-603-196	1	Protocol Converter — Sales
999-603-610IS	2	X25 NP — Site Preplanning Guide
999-605-610IS	2	X25 NP — Installation Guide
999-605-620IS	2	X25 NC — Installation Guide
999-605-622IS	1	X25 Mount Cabinet — Installation Guide
999-605-630IS	1	X25 1845 NM — Installation Guide
999-607-640IS	2	X25 Field Repair Guide
999-609-610IS	1	X25 NP Overview
999-609-640IS	1	X25 NC Overview
■ 999-610-122FR	1	MERLIN LEGEND French MLX-10D/MLX-28D/MLX-20L
■ 999-610-122SP	1	MERLIN LEGEND Spanish MLX-10D/28D/20L
■ 999-610-123FR	1	MERLIN LEGEND 10D/MLX-28D/MLX-20L
■ 999-610-135	1	MERLIN LEGEND Release Notes 1.1 \m Analog Direct Line Operators Guide
■ 999-610-137	1	MERLIN LEGEND Release Notes 1.1 \m MLX Queued Call Operators Guide
■ 999-610-152SP	1	MERLIN LEGEND French Single
999-610-640IS	1	X25 Asynchronous Terminal — User Guide
999-610-650IS	1	X25 Bisynchronous 3270 Terminal — User Guide
999-610-670IS	1	X25 SNA 3270 Terminal — User Guide
999-610-680IS	1	X25 2780/3270 Terminal — User Guide 8/87 X25 SNA 3270 Terminal — User Handbook
999-612-640IS	1	X25 Asynchronous Terminal — User QRC
999-612-650IS	1	X25 Bisynchronous 3270 Terminal — User QRC
999-612-680IS	1	X25 2780/3780 RJE — Quick Reference Guide
999-621-620IS	1	X25 125 Amp Power Supply
999-622-620IS	2	X25 Cable Selection for I/O Ports

Number	Issue	Subject
999-7 System 75, 85, AP, 3B2, and 3B5		
999-700-021IS	1	500BCT — User Guide
999-700-022IS	1	460 Printer — User Guide
Addendum	1	
999-700-023IS	1	445 Printer — User Guide
999-700-024IS	1	443 Printer — User Guide
999-700-025IS	1	450 Printer — User Guide
999-700-027IS	2	System 85 Data Module — User Guide
999-700-028IS	2	System 85 Processor Data Module — User Guide
999-700-029IS	2	System 85 Data Module Trunk Data Module Operation — User Guide
999-700-047IS	2	System 85 7101A Voice Terminal — User Instruction
999-700-049IS	3	System 85 72/74 Series Terminals — User Instruction
999-700-056IS	2	System 85 Auto Building Management — System Description Reference Manual
999-700-057	2	ABM — User Guide for Terminal Operations
999-700-058	2	ABM — User Guide for Energy Management
999-700-061IS	2	System 85 Speakerphone — User Instruction
999-700-062IS	2	System 85 Digital Display Module — User Instruction
999-700-068IS	1	Data Call Set-Up — User Instruction
999-700-078IS	2	System 85 Multibutton Electronic Telephone Set — User Instruction
999-700-079IS	2	System 85 Multibutton Electronic Telephone Set with Speakerphone — User Instruction
999-700-080IS	1	457/458 ASF 1 Bin 2 Bin
999-700-081IS	1	555 — User Guide Tractor Feed
999-700-300IS	1	Modular Processor Data Module — User Guide
999-700-301IS	1	Modular Trunk Data Module — User Guide
999-700-304IS	2	Printer 455 — User Guide
999-700-328IS	1	457/458 Printer — User Guide
Addendum	1	
999-700-329IS	1	457/458 Printer Guide — Printer Accessories

Number	Issue	Subject
999-700-400IS	1	System 85 — Introduction
999-700-442IS	3	System 85 — SMT Administration Management — User Guide
999-700-459IS	1	AP Office Management Applications Reference Manual
999-700-463IS	1	Automated Building Management — Installation Planning — Reference Manual
999-700-464IS	2	System 85 7103A Program Voice Terminal — User Instruction
999-700-473IS	3	System 85 Release 2 Version 1 and 2 — Documentation Guide
999-700-474IS	1	System 85 7404D Voice Terminal — User Instruction
999-700-482IS	1	System 85 515BCT — Technical Description
999-700-483IS	2	515BCT — User Guide
999-700-485IS	1	513 Business Communications Terminal
Addendum	1	
999-700-486IS	1	513 Business Communications Terminal — User Guide
999-700-493IS	1	513 Business Communications Terminal — Technical Reference Manual
999-700-496IS	1	Voice Management Console Terminal Operation with AUTOVON
999-700-503IS	2	Audio Information Exchange (AUDIX®)
999-700-530IS	2	Getting Started with the 500 Business Communications Terminal
999-700-532IS	3	Office Manager — Users Guide
999-700-533IS	2	Electronic Document Communications Text Editors — User Guide
999-700-535IS	2	Electronic Document Communications — Administration Guide
999-700-540IS	1	Call Detail Record/Report — Administration Guide
999-700-541IS	1	Terminal Change Management — Administrators Guide
999-700-543IS	3	Applications Processor — Administrators Guide
999-700-555IS	1	3270 Terminal Emulation 500 BCT Keyboard Template
999-700-560IS	1	OVERVIEW™ Electronic Document Communications
999-700-620IS	1	Command Line Electronic Document Communications — Quick Reference Card
999-700-631IS	1	System 85 Port Tester — User Card
999-750-520IS	1	3BNET Overview

999-8 Software

999-801-020IS	8/87	3B2300 Administration Guide Issue 2 TPC6300 ETHERLINK* — Installation Guide
999-801-021IS	2	NC Interface PC6300 — User Guide
999-801-089	1	MS DOS 3.30 — Program Guide
999-801-202IS	1	513 Terminal Emulator User's Guide
999-801-208IS	8/87	PC6300 Compatibility Guide
999-802-003IS	8/87	Level II COBOL Language — Reference Manual
999-802-004IS	8/87	Level II COBOL — Operating Guide
999-802-010IS	8/87	AT&T Command Basic Language — Reference Manual
999-802-011IS	8/87	AT&T Command Basic — User Guide
999-802-012IS	8/87	AT&T Command COBOL Language — Reference Manual
999-802-013IS	8/87	AT&T Command COBOL — Users Guide
999-802-014IS	8/87	AT&T Command FORTRAN Language — Reference Manual
999-802-015IS	8/87	AT&T Command FORTRAN — User Guide
999-802-016IS	8/87	AT&T Command Pascal Language — Reference Manual
999-802-017IS	8/87	AT&T Command Pascal — User Guide
999-802-018IS	8/87	AT&T Command Debugger — User Guide
999-802-021IS	8/87	RM/COBOL Compiler — User Guide
999-801-034IS	8/87	MF Level II COBOL/ET Animator — Operating Guide
999-801-037IS	8/87	MF Level II COBOL/ET Forms-2 Utility Manual
999-801-038IS	1	MF Level II COBOL/ET — High Performance Operating Guide

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Number	Issue	Subject
999-802-100IS	1	UNIBOL Language — Reference Manual
999-801-102IS	8/87	UNIBOL Run-Time Manual
999-801-103IS	8/87	UX Basic and — User Reference Manual
999-803-000IS	8/87	Dbase II — User Guide
999-803-001IS	8/87	Dbase II — Reference Manual
999-803-002IS	8/87	INGRES — System Overview
999-803-006IS	8/87	AT&T INGRES Visual Forms Editor — Users Guide
999-803-058IS	8/87	Dbase III — User Guide
999-803-059IS	8/87	Dbase III — Reference Manual
999-803-211IS	1	Personal Terminal 505 — User Guide
999-804-006IS	1	UltraCalc* — User Guide
999-804-060IS	8/87	Prevail — User Interface
999-804-063IS	8/87	Prevail Module 2
999-804-064IS	8/87	Prevail Module 3
999-804-300IS	8/87	SuperCalc† 3 — User Guide and Reference Manual
999-804-302IS	8/87	SuperCalc 3 — Supplemental Issue
999-805-000IS	8/87	Microsoft Word Manual WRITER'S WORKBENCH®‡ — User Guide
999-806-006IS	1	BACS EXEC Overview
999-806-007IS	1	BAS O/I Primer Release 2
999-806-008IS	1	BAS Payroll Primer Release 2
999-806-009IS	1	BAS A/P Primer Release 2
999-806-010IS	1	BAS A/R Primer Release 2
999-806-011IS	1	BAS G/L Primer Release 2
999-806-024IS	2	BAS — Installation Guide Release 2
999-806-025IS	2	BAS O/I Manual Release 2
999-806-026IS	2	BAS Payroll Manual Release 2
999-806-028IS	2	BAS Accounts Receivable Release 2
999-806-029IS	2	BAS G/L Manual Release 2
999-806-100IS	8/87	CMCS — Toll Manual
999-806-101IS	8/87	CMCS — Billing Manual
999-806-102IS	8/87	CMCS — Traffic Manual
999-806-103IS	8/87	CMCS — Inventory Manual
999-806-104IS	8/87	CMCS — Accounts Receivable Manual
999-806-105IS	8/87	CMCS — System Administrators Manual
999-806-107IS	8/87	CMCS — System/Installation Guide
999-806-108IS	8/87	CMCS — Quick Reference Guide
999-806-109IS	8/87	CMCS — Worksheets
999-807-000IS	8/87	Gift Registry — User Guide
Addendum	8/87	
999-807-001IS	8/87	AT&T Gift Registry — Administrators Guide
999-807-115IS	8/87	Legal Solution Accounting — Getting Started
999-807-116IS	8/87	Legal Solution Accounting — User Guide
999-807-117IS	8/87	Legal Solution Accounting System — Administration
999-807-120IS	8/87	DR. Solution BAS System — User Guide
999-807-124IS	8/87	Dental Solution System — User Guide
999-807-134IS	8/87	DR. Solution — Utility Guide
999-807-151IS	8/87	Glows-Practice Management Manual
999-807-152IS	8/87	Glows-Client Accounting Manual
999-807-153IS	8/87	Glow Audit Manual
999-807-154IS	8/87	Glows Write-Up Manual
999-807-155IS	8/87	Glows Fixed Assets Manual
999-807-156IS	8/87	Glows After-The-Fact Payroll Manual
999-807-157IS	8/87	Glows 1099 Manual
999-809-024IS	8/87	3278 Terminal — User Guide
999-809-026IS	1	SSI for 3B5 — Administrator Guide
999-809-028IS	1	SSI Applications Prog INTFC Prog — Reference Manual
999-809-030IS	8/87	Tango — Administrators Guide
999-809-035IS	1	SSI for 3B2 — Administrators Guide
999-809-053IS	8/87	AT&T Document Exchange Release Notes for Release 1
999-809-104IS	1	STARLAN 3B2 NAU — Installation Guide
999-809-105IS	8/87	STARLAN RS-232C NAU — Installation Guide Disks)

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