AT&T PRACTICES MASTER INDEX

NUMERICAL ALPHABETICAL

AT&T Technologies

PROPRIETARY

June 1984
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1. INTRODUCTION

A. General

1.01 This practice provides an index to all practices developed and maintained by AT&T Technologies, Inc., and identified under the 9-digit numbering plan. These practices are documents authorized by AT&T Technologies, Inc., as the recommended instructions and criteria for planning, engineering, installing, operating, and maintaining telecommunications equipment and software products designed and manufactured by AT&T Technologies, Inc. These practices also play an important part in the training of personnel.

1.02 This practice will be updated and released quarterly to include all new or reissued practices.

1.03 Recommendations for changes to this practice should be forwarded to AT&T Consumer Products, 2400 Reynolda Rd., Winston-Salem, N.C. 27106—Attn: Dept. 5178.

B. Numbering

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

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 practices within a grouping (layers and sublayers) and are referred to as ***key*** numbers.

1.06 The general allocation of divisions to various categories of information is shown in Table A.

C. Indexing

1.07 In addition to this master index, other indexes issued as practices provide a cross-reference between subject matter and practice 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.

1.08 The following types of indexes are issued.

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

1.09 ***Master Alphabetical Index:*** This index, AT&T 000-000-001, provides a list of all subjects covered in AT&T Practices. Each subject is cross-referenced to the numerical division (first three digits) in which that subject can be found.

1.10 ***Master Numerical Index:*** 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.

TABLE A

CATEGORY OF INFORMATION TO DIVISIONS ALLOCATED

CATEGORY OF INFORMATION	DIVISIONS ALLOCATED
General Information	000-019
Apparatus, Miscellaneous Equipment, Tools, Test Equipment, Power, and Signaling	020-179
Operation Support Systems	190
Switching Systems	200-289
Transmission and Signaling Systems	300-379
Radio	400-449
Customer Equipment:	
Common	460-469
Special Services	470-489
Station Equipment	500-529
PBX	530-559
Teletypewriter	570-589
Data Systems	590-599
Outside Plant	620-649
Test Center Operation	660-669
Loop Assignment	680-689
Motor Vehicles	720-729
Supplies	740-749
Business Information Systems	750-759
Buildings	760-779
Engineering Planning	780-789
Engineering Administration	790
Common Language	795
Equipment Design and General Requirements	800-839
Transmission Engineering	850-889
Outside Plant Engineering	900-939
Radio Engineering	940-944
General Descriptive Information	950-989

1.11 ***Divisional Numerical Index:*** An index of this type, AT&T ***XXX***-000-000, is provided for each division. All AT&T Practices within a division, along with their current issue numbers, are listed numerically (nine digits) and the subject matter covered by each is identified. Each index is updated and released monthly provided one or more new or reissued practices within that division have been released during that month. Various symbols are used to denote special conditions of handling, distributing, etc. These symbols are explained in each index.

1.12 ***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 Practice (nine digits) in which that subject can be found. An example is AT&T 218-000-001, No. 5 Crossbar Offices.

1.13 ***Interdivisional Numerical Index:*** An index of this type is provided only when justified. Each index provides a numerical listing (nine digits) of all practices (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, 4ESS* Switch.

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

1.15 ***Intradivisional Alphanumerical Index:*** An index of this type is provided only when justified. Each index provides a listing of all AT&T Practices in a single division, along with their issue numbers, containing subject matter for a particular system or service offering. The practices (nine digits) are listed under applicable alphabetized headings. The practices under each heading are listed in numerical sequence.

* Trademark of AT&T Technologies.

D. Issue Identifiers

1.16 Each practice is assigned an issue number beginning with the arabic number 1. Each reissue is assigned the next higher number. When Issue 99 has been reached, the next issue will revert to Issue 1. Each practice is dated and this date indicates the month in which this particular issue was released to the field.

E. Addenda

1.17 An addendum to a practice is issued when there is an urgent need to add, to change, or to delete information. Each addendum will be self contained on a single sheet and should be filed in front of the practice it addends.

1.18 The 9-digit number of an addendum is the same as that of the practice it addends. It is assigned an issue identifier and dated in the same manner as practices (see paragraph 1.16).

1.19 Addenda are shown in the appropriate divisional numerical index by the abbreviation "Add."

F. Appendixes

1.20 An appendix to a practice is used to cover optional information which is permanent in nature or is supplemental to the information within the practice. Hence, an appendix does not refer to the issue number of the practices being appended.

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

1.22 The 9-digit number of an appendix is the same as that of the practice it appends. It will be assigned an issue identifier and date of issue in the same manner as practices (see paragraph 1.16).

1.23 Appendixes are shown in the appropriate divisional numerical index by the abbreviation "Append."

G. Size, Binding, and Paper Colors

1.24 Practices (with the exception of those in the form of handbooks), addenda, and appendixes

are furnished in 8-1/2 by 11 inch sheet size. The binding edge is suitably punched for approved binders. Approved binders are furnished with Task Oriented Practices (TOP). Practices furnished in the form of handbooks are permanently bound.

1.25 The following colors of paper are normally used.

(a) Practices and appendixes—white

(b) Addenda—pink.

H. Use, Distribution, and Ordering

1.26 All practices are available as hard copies; most are available also on microfiche. Those that are not available on microfiche are so indicated in the divisional numerical indexes. Practices may be ordered by contacting the AT&T Customer Information Center (CIC), P.O. Box 19901, Indianapolis, Indiana 46219, (800) 432-6600 or (317) 352-0011.

1.27 Only the latest issue of each practice is stocked and distributed by CIC. The latest issue numbers are shown in the divisional numerical indexes. Each index is updated and released each time there is a practice released within the division.

1.28 ***Addenda and Appendixes—Hard Copy:*** Addenda and appendixes can be ordered in hard-copy form without ordering the practice being addended or appended. However, if a practice having an associated AT&T-issued addendum or appendix is ordered, the addendum or appendix will automatically be supplied with the practice.

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

I. Master Alphabetical Index—All Divisions

1.30 The Master Alphabetical Index contained in this practice provides an alphabetically arranged list of all major subjects covered in practices. Each subject is cross-referenced to the numerical division (first three digits) in which that subject can be found.

J. Master Numerical Index—All Divisions

1.31 The Master Numerical Index contained in this practice provides a list of all divisional numerical indexes. Each division is cross-referenced to the subject matter covered in that division.

K. Divisional Numerical Index

1.32 The Divisional Numerical Index contained in this document provides a listing of divisions and the practices which have been issued within each division. The latest issue number for each practice is shown.

L. Catalog of Indexes

1.33 The Catalog of Indexes contained in this practice provides a numerical listing of all 9-digit practice indexes other than the Divisional Numerical Indexes.

2. MASTER ALPHABETICAL INDEX — ALL DIVISIONS

A. General

2.01 This index provides an alphabetically-arranged list of the subjects covered in Bell System, AT&T Western Electric, and AT&T 9-digit Practices. 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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3. MASTER NUMERICAL INDEX — ALL DIVISIONS

A. General

3.01 This section provides a numerical listing of all divisional numerical indexes released as Bell System, AT&T Western Electric, and AT&T Practices and the subject(s) covered by each.

B. Master Numerical Index

000-) 019-) GENERAL INFORMATION

000-000-000 - General Information — Practices

000-000-001 - Master Alphabetical Index — All Divisions

000-000-005 - Master Numerical Index — All Divisions

000-000-007 - Master Alphabetical Index — Task Oriented Practices

005-000-000 - Abbreviations, Definitions, Drawings, Requirement Tables, Specifications, and Symbols

006-000-000 - Graphic Media Systems and Standards

010-000-000 - General Methods

020-) 021-) COMMON

020-000-000 - General Information — Divisions 020 to 178 Inclusive

022-) 049-) APPARATUS

024-000-000 - Amplifiers, Controllers, Control Units, Regulators, and Electron Tubes

026-000-000 - Banks, Clutches, Commutators and Commutator Brushes, Elevator Apparatus, Multiple Brushes and Rods, and Trip Rods for Panel Offices — Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches, Selectors, and Starters

028-000-000 - Autotransformers, Bells, Buzzers, Dials, Dial Adapters and Mountings, Gongs, Head Telephone Sets, Headsets, Potentiometers, Rheostats, Ringers, and Sounders

030-000-000 - Calculagraphs, Call Timing Switch, Cameras, Clocks, Counters, Photo Processors, Registers, Selector Multiple Designation Cards, Switches, Tape Printers, Ticketers, Timers, and Time Stamp

032-000-000 - Capacitors, Connectors, Cords, Cord Reels, Diodes, Drops, Jacks, Keys, Lamps, Plugs, Resistors, Signals, Sockets, Thermistors, Transistors, and Varistors

034-000-000 - Distributors, Regenerators, and Regenerative Repeaters for Teletypewriter Service — AMA Tape Reels and Reeler, Cleaning Cabinet, Perforators, Readers, Recorders, Recorder-Reproducers, Tape Announcing Machine, and Translators

040-000-000 - Relays

056-) 069-) MISCELLANEOUS EQUIPMENT, MATERIALS, CIRCUITS, AND METHODS

065-000-000 - Miscellaneous Equipment and Materials

067-000-000 - Concentrators

069-000-000 - Miscellaneous Methods

074-) 099-) TOOLS AND GAUGES

074-000-000 - Catalogue Information — Tools

075-000-000 - Tools and Materials (Common Usage) — Maintenance, Selection, and Use

076-000-000 - Tools and Materials — Switching Systems and Power — Maintenance, Selection, and Use

080-000-000 - Tools and Materials — Customer Equipment

081-000-000 - Tools and Materials — Outside Plant

084-000-000 - Catalogue Information — Gauges — Electrical Indicating Instruments and Meters

085-000-000 - Gauges (Common Usage) — Maintenance, Selection, and Use

100-) 109-) TEST EQUIPMENT

100-000-000 - Test Equipment, Electrical Indicating Instruments and Meters (Common Usage) — Maintenance, Selection, and Use

102-000-000 - Test Equipment, Electrical Indicating Instruments and Meters (Switching Systems and Power) — Maintenance, Selection, and Use

103-000-000 - Transmission Test Equipment

104-000-000 - Radio Test Equipment

105-000-000 - PBX and Station Test Equipment

106-000-000 - Outside Plant Electrical Test Equipment

107-000-000 - Data and Teletypewriter Test Equipment

155-) 178-) POWER

155-000-000 - Alternators, Engine-Alternators, Gas Turbine Alternators, Tone Alternators, Tone Machines, Ringing and Coin Control Generators, Charging Generators and Motor-Generators

157-000-000 - Batteries

159-000-000 - Engines and Engine Sets, Motors, Dynamotors, and Drives

161-000-000 - Speed Reduction Units, Converters, Inverters, Air-Dryers, Compressors, Compressor-Dehydrators, Dehydrators, Exhauster Sets, Fans, Tube Cooling Systems, Ventilating Equipment, Call Announcer Machines, and Waveguides

163-000-000 - Interrupters, Ringing Machines, and Pole Changers

167-000-000 - Power Plants, Power Units, and Power Supply

169-000-000 - Rectifiers and Filament Supplies

171-000-000 - Miscellaneous Power Circuits and Equipment

179- SIGNALING EQUIPMENT

179-000-000 - Signaling Circuits and Associated Ringer Circuits

190- OPERATIONS SUPPORT SYSTEMS

190-000-000 - Operations Centers and Support Systems — Operations, Maintenance, and Administration

191-000-000 - Operations Center Deliverable Documentation

200-) SWITCHING SYSTEMS
289-)

201-000-000 - Supplemental Information — Central Offices

205-000-000 - Automatic Data Test Circuits

210-000-000 - Service Observing, and Plant and Traffic Desks

211-000-000 - No. 1, 3, 5, and 6 Toll Offices; No. 1, 3, 5, and 6 Toll Switchboards; and No. 6A Teletypewriter Switchboard

212-000-000 - No. 4A and 4M Toll Switching Systems

216-000-000 - No. 1 Crossbar Offices

218-000-000 - No. 3, No. 5, and No. 5A Crossbar Offices

220-000-000 - Crossbar Tandem Offices

225-000-000 - Testing Information Applying to Specific Step-by-Step and Community Dial Offices

226-000-000 - Equipment Common to More Than One Type Step-by-Step and Community Dial Office

227-000-000 - General and Testing Information Applying to Intertoll Dialing, CAMA, AMA, ANI, Touch-Tone Calling and Common Control Equipment — Step-by-Step Systems

230-000-000 - Data Network Systems

231-000-000 - 1 and 1A ESS* Switches

232-000-000 - 2/2B ESS Switch

233-000-000 - 3ESS Switch

234-000-000 - 4ESS Switch

235-000-000 - 5ESS Switch — Digital Switching System

240-000-000 - 101 ESS Switch

250-000-000 - Traffic Service Systems

252-000-000 - Traffic Management Systems

254-000-000 - Stored Program Control

255-000-000 - Processor Controlled and Ancillary Systems

256-000-000 - Common Channel Signaling System (CCSS)

300-) TRANSMISSION AND SIGNALING SYSTEMS AND TESTING
379-)

304-000-000 - Transmission Data

309-000-000 - Switched Services Networks

310-000-000 - Nonswitched Special Services System

311-000-000 - Switched Special Services Systems

312-000-000 - Private Line Data Systems and Services

313-000-000 - Voice and Voiceband Data Channels

314-000-000 - Digital and Analogue Data Transmission Systems

318-000-000 - Television Systems

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330-000-000 - Cable and Open-Wire Testing and Trouble Location Methods

331-000-000 - Transmission and Noise Testing, Central Office PBX Customer Lines and Equipment

332-000-000 - Voice-Frequency Telephone Repeaters, Pilot Wire Regulators, Echo Suppressors, Composite Sets and Associated Equipment

333-000-000 - Interoffice Signaling Systems and Testing

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Trademark of AT&T Technologies

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806-000-000 - Radio Systems and Television Systems

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4.01 This index provides a numerically arranged list of Bell System, AT&T Western Electric, and AT&T 9-digit practices.

4.02 Each practice entry consists of the 9-digit practice number, the latest issue number, and the subject covered in the pactice.

4.03 A club (♣) indicates a practice that refers to another manufacturers manual — providing a number for filing purposes and instructions for ordering the manual.

4.04 A spade (♠) indicates an item not on microfiche. This index indicates the latest issue for hard-copy BSPs. In some cases, the microfiche BSP will reflect the next higher issue as a result of the reduced distribution interval.

4.05 A solid triangle (▲) indicates a Task Oriented Practice (TOP). These practice, because of limited need, will not be distributed on standing order except through coded distribution. Additonal copies may be obtained by placing regular (one-time) orders.

4.06 A star (★) indicates an item noted AT&T SPCS which contains trade secret information and which is available to autorized addresses only.

4.07 "Add" is the abbreviation for Addendum.

4.08 "Append" is the abbreviation for appendix and the numeral to the right of the abbreviation is the appendix number.

4.09 "Sup" is the abbreviation for supplement.

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-2 Editorial, Illustrating, and Printing Specifications, for AT&T Practices

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000-000-003	1	Catalog of Indexes (Excluding Divisional Numerical Indexes)
000-000-005	5	Master Numerical Index — All Divisions
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000-000-007	1	Task Oriented Practices — Alphabetical Numerical Index
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000-010-011	4	AT&T Practices — Ordering Information
000-010-015	3	AT&T Practices — Commenting Procedures
000-010-016	1	AT&T Practices — Conditional Releasing or Cancelling
000-010-020	1	Uniform Numbering Plan — Procedure for Conversion
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00-3 CONTENT SPECIFICATIONS FOR AT&T PRACTICES

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000-301-100	1	Data Sheet Specification
000-304-150	2	Content Specification for Data Services

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

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♠ 005-000-000	59	Numerical Index — Division 005 — Abbreviations, Definitions, Drawings, Requirement Tables, Specifications, and Symbols

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005-120-101	5	Description of Circuit Requirement Tables
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- -2 Documents on 16mm Microfilm
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- -2 Records and Reports
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	024-104-501	1	Types 103- and 124-Type — Tests and Inspections
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	024-105-101	2	141A Amplifier — Description
	024-105-300	1	140-Type — Initial and Routine Tests
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	024-106-100	1	142-Type — Description
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024-150-300 1 KS-Specification Speech Amplifiers — Initial and Routine Tests

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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

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024-176-200 6 KS-16754 — Identification, Instaliation, 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

Add 024-178-500 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

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024-330-801 2 Pilot Wire Master Flat Gain Controller — KS-7664 — Replacement Parts and Procedures

Add 024-331-701 2
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024-331-801 2 Pilot Wire Master Twist Controller — KS-7781 — Replacement Parts and Procedures

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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

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DIVISION 026 — BANKS CLUTCHES, COMMUTATORS AND COMMUTATOR BRUSHES, ELEVATOR APPARATUS, MULTIPLE BRUSHES AND RODS, AND TRIP RODS FOR PANEL OFFICES — CIRCUIT BREAKERS, COMPENSATORS, CONTACTORS, CONTROL PANELS, FUSES AND MOUNTINGS, MAGNETIC SWITCHES, SELECTORS, AND STARTERS

026-0 Indexes and Equipment Test Lists
-3 Circuit Breakers, Compensators, Contactors, Control Panels, Fuses and Mountings, Magnetic Switches and Starters
-7 Selectors

026-0 INDEXES AND EQUIPMENT TEST LISTS

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	026-001-012	4	ETL — Miscellaneous Selectors
	026-001-013	5	ETL — Fuse Mountings, Fuse Enclosures, and Fuses
	026-001-014	6	ETL — Starters and Compensators
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026-3 CIRCUIT BREAKERS, COMPENSATORS, CONTACTORS, CONTROL PANELS, FUSES AND MOUNTINGS, MAGNETIC SWITCHES AND STARTERS

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	026-305-701	10	Autotransformer-Type Starters and Compensators — General Electric Company — Requirements and Adjusting Procedures
Add	026-305-801	1	
	026-305-801	4	Autotransformer-Type Starters and Compensators — General Electric Company — Replacement Parts and Procedures
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Add	026-310-701	1	
	026-310-701	3	Circuit Breaker KS-15636 — Requirements and Adjusting Procedures
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	026-315-701	1	Circuit Breakers — KS-15910 — Requirements and Adjusting Procedures
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	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
Add	026-343-701	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
Add	026-347-701	1	
	026-347-701	1	Starters, Circuit Breakers, Contactors, Field Control Panels, and Magnetic Switches — General Electric Company — Requirements and Adjusting Procedures

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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

026-356-701 7 Resistor and Across-the-Line Type Starters — Allen-Bradley Company and Ward Leonard Company — Requirements and Adjusting Procedures

026-360-701 4 Contactors — KS-15514 and KS-15934 — Requirements and Adjusting Procedures

026-360-801 2 Contactors — KS-15514 and KS-15934 — Replacement Parts and Procedures

026-365-701 5 Contactors KS-5757, KS-15072, KS-15674, KS-19598, and Contactors Having No KS- Designations — Allen-Bradley Company and Westinghouse Corporation — Requirements and Adjusting Procedures

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026-370-801 8 Fuse Caps, Blocks, Clips, Holders, Mountings, Panels, and Posts — Repair and Replacement Procedures

026-371-501 9 Fuses and Fuse Panels — Inspection

026-380-101 1 Autotransformer-Type Manual AC Starters — General Electric Company — Description

026-380-701 4 Autotransformer-Type Manual AC Starters — General Electric Company — Requirements and Adjusting Procedures

026-380-801 2 Autotransformer-Type Manual AC Starters — General Electric Company — Replacement Parts and Procedures

026-382-701 1 Multi-Step Starters — General Electric Company — Requirements and Adjusting Procedures

026-384-701 3 KS-15582 Starter (For DC Motor) — Requirements and Adjusting Procedures

026-390-101 1 Cutler-Hammer Automatic DC Motor Starters — Description

026-390-701 1 Cutler-Hammer Automatic DC Motor Starters — Installation and Maintenance Requirements

026-392-301 2 Air-Starting Equipment for Diesel Engine-Alternator Sets — Operating Methods

026-392-701 2 Air-Starting Equipment for Diesel Engine-Alternators — Requirements and Adjusting Procedures

026-392-801 2 Air-Starting Equipment for Diesel Engine-Alternators — Replacement Parts and Procedures

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026-700-801 1 60BA, 60BC, 60BP, 60BR, 66A, D-151294, and D-175279 — Piece-Part Data and Replacement Procedures

026-706-501 1 200-Type Selectors — Operation Test — Panel Machine Switching Offices

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026-706-701 14 200-, 206-, 209-, and 211-Type Selectors and 10-, 26-, and 32-Type Banks — Requirements and Adjusting Procedures

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Add 026-706-801 1

026-706-801 8 200-, 206-, 209-, and 211-Type Selectors and 10-, 26- and 32-Type Banks — Piece-Part Data and Replacement Procedures

026-708-701 7 204-Type Selectors — Requirements and Adjusting Procedures

026-708-801 6 204-Type Selectors — Piece-Part Data and Replacement Procedures

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026-720-801 3 KS-16201, KS-16202, KS-16203, KS-16563 and KS-19086 Types — Piece-Part Data and Replacement Procedures

026-740-701 4 Power-Driven Rotary Selectors Together With Associated Banks — Requirements and Adjusting Procedures

026-740-801 3 Power-Driven Rotary Selectors Together With Associated Banks — Piece-Part Data and Replacement Procedures

DIVISION 028 — AUTO- TRANSFORMERS, BELLS, BUZZERS, DIALS, DIAL ADAPTERS AND MOUNTINGS, GONGS, HEAD TELEPHONE SETS, HEADSETS POTENTIOMETERS, RHEOSTATS, RINGERS, AND SOUNDERS

028-0 Indexes and Equipment Test Lists

-1 Bells, Buggers, Gongs, Ringers, and Sounders

-3 Dials, Dial Adapters and Mounting; Head Telephone Sets and Headsets
-7 Autotransformers, Potentiometers, and Pheostats
-9 Condensed Sections

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	028-001-011	10	ETL — Autotransformers
	028-001-012	7	ETL — Rheostats
	028-001-013	3	ETL — Bells, Buzzers, Chimes, and Sounders
	028-001-014	3	ETL — Dials, Hand Telephone Sets and Headsets

028-1 BELLS, BUZZERS, GONGS, RINGERS, AND SOUNDERS

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	028-110-701	1	1-Type Buzzers — Requirements and Adjusting Procedures
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	028-120-701	1-D	Buzzers — Nos. 12092 and 12093 — Requirements and Adjusting Procedures
	028-130-701	4-D	Ringers — No. 6A, 6J, 6M, 6N, 7A, 8A, 8JA, 37H, 38B, 40A, 40B, 42A, 51A, 51B, 55B, 65B, 68A, 68J, 68JA, 72A, 78A, 78J, and B1A, B1AA, B1AB, B1AL, B2A, B2AL, B3A and B3B — Requirements and Adjusting Procedures
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028-3 DIALS, DIAL ADAPTERS AND MOUNTINGS; HEAD TELEPHONE SETS AND HEADSETS

	028-300-501	4	2-, 4-, 5-, and 6-Type Dials — Speed and Per Cent Break Tests
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	028-305-100	1	Dials — 27 Type
	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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	028-350-501	2	Headset — KS-19796 — Visual Inspection and Electrical Tests
	028-350-801	3	KS-19796 — Piece Part and Replacement Procedures
	028-351-501	7	KS-20778 Head Telephone Sets, KS-21430 Headset and KS-22729 STARSET II* — Description, Use, and Maintenance
Add	028-352-501	1	
	028-352-501	2	KS-21118 Head Telephone Sets
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	028-360-811	10	52-Type Head Telephone Sets — Piece-Part Data, Replacement Procedures, and Minor Repairs
	028-360-812	1	52A and 52B Head Telephone Sets — Modification to Provide a Rotation Stop Bar
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	028-363-501	3	61-Type — Visual Inspection and Electrical Tests
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	028-370-501	3	1020-Type Headsets — Visual Inspections and Electrical Tests
	028-370-811	2	1020-Type Headsets — Piece-Part Data and Replacement Procedures

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028-371-811 5 1022A-, 1023A-, 1024A-, 1024B-, 1026A-, 1027A-, and 1028A-Type Headsets — Piece-Part Data and Replacement Procedures

028-372-100 1 500A Adapter — Identification, Installation, Operation, and Maintenance

028-7 AUTOTRANSFORMERS, POTENTIOMETERS, AND RHEOSTATS

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028-705-701 4 Autotransformers — Continuously Tapped Type — Manually Operated — KS-5657, KS-15594, KS-15646, KS-15814, KS-15831, KS-15843, and KS-15955 — Requirements and Adjusting Procedures

028-705-801 2 Autotransformers — Continuously Tapped Type — Manually Operated — KS-5657, KS-15594, KS-15646, KS-15814, KS-15831, KS-15843, and KS-15955 — Replacement Parts and Procedures

028-706-701 9 Autotransformers — Continuously Tapped Type — Motor-Driven — Requirements and Adjusting Procedures

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028-720-701 3-D Rheostats, Switch Rheostats, and Potentiometers — Manually Operated — Miscellaneous Types — Requirements and Adjusting Procedures

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028-721-801 1 Manually Operated Rheostats — Steel-Plate and Carbon-Pile Types — Replacement Parts and Procedures

028-722-701 4 Motor-Driven Rheostats — Apparatus Requirements and Adjusting Procedures

028-722-801 2 Motor-Driven Rheostats — Replacement Parts and Procedures

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028-930-701 3 Dials — 2, 4, 5, and 6 Types — Requir ? ements — (Condensed Section for Section 028-300-701)

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030-0 Indexes and Equipment Test Lists
-1 Calculagraphs, Clocks, Timers, Call Timing Switch, and Time Stamp
-3 Cameras, Counters, Photo Processors, Registers, Tape Printers, and Ticketers
-7 Selector Multiple Designation Cards, Switches
-8 Sequence Switches
-9 Condensed Sections

030-0 INDEXES AND EQUIPMENT TEST LISTS

♠ 030-000-000 17 Numerical Index — Division 030 — Calculagraphs, Call Timing Switch, Cameras, Clocks, Counters, Photo Processors, Registers, Selector Multiple Designation Cards, Switches, Tape Printers, Ticketers, Timers, and Time Stamp

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030-001-012 6 ETL — Calculagraphs, Clocks, and Timers

030-001-013 4 ETL — Cameras and Photo Processing

030-001-014 5 ETL — Counters, Registers, and Ticketers

030-001-015 8 ETL — Switches

030-1 CALCULAGRAPHS, CLOCKS, TIMERS, CALL TIMING SWITCH, AND TIME STAMP

030-100-101 1 Calculagraphs, Spring Driven — Description

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030-100-301 1 Calculagraphs — Models 6 and 30 and KS-7769 (Model 33) — Operating Methods

030-100-701 6 Calculagraphs — Models 6 and 30 — Requirements and Adjusting Procedures

030-100-801 6 Calculagraphs — Models 6 and 30 — Piece-Part Data and Replacement Procedures

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Note: References to a specific radio system or systems (as TL or TJ) are for information only. Such designations do not appear on the practices themselves, and do not preclude the use of the test equipment for other than the indicated system. Remember that usages may change as test equipment originally designed for one system is found to be useful in testing another.

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155-126-301 1 KS-5565 — Gasoline — 10 KW D. W. Onan & Sons, Incorporated — Operating Methods

Add 155-126-701 1
155-126-701 1 KS-5565 — Gasoline — 10 KW — D. W. Onan & Sons, Incorporated — Requirements and Adjusting Procedures

155-126-801 1 KS-5565 — Gasoline — 10 KW — D. W. Onan & Sons, Incorporated — Replacement Parts and Procedures

155-128-101 2 Diesel — General Motors — Series 71 Sets — KS-5574 — Description

155-128-301 6 Diesel — General Motors — Series 71 Sets — KS-5574 — Operating Methods

155-128-302 3 Diesel — KS-5574-01, 20 KW — Stationary and Portable — Operating Methods

155-128-303 5 Diesel — KS-5574-01 — 30, 40, and 60 KW Manually Controlled — Stationary and Portable — Operating Methods

Add 155-128-701 4
155-128-701 4 Diesel — General Motors-Series 71 Sets — KS-5574 — Requirements and Adjusting Procedures

Add 155-128-702 4
155-128-702 3 Diesel — KS-5574-01, 20 KW — Manually Operated — Stationary and Portable — Requirements and Adjusting Procedures

155-128-703 5 KS-5574-01-30, 40, and 60 KW — Diesel — Manually Controlled — Stationary and Portable — Requirements and Adjusting Procedures

155-128-801 4 Diesel — General Motors — Series 71 — KS-5574 — Replacement Parts and Procedures

155-128-802 1 Diesel — KS-5574-01, 20 KW — Stationary and Portable — Replacement Parts and Procedures

155-128-803 1 Diesel — KS-5574-01 — 30, 40, and 60 KW — Stationary Portable — Replacement Parts and Procedures

155-132-301 1 5 KVA — 4 KW — Onan KS-5602, List 01 — Operating Methods

Add 155-132-701 1
155-132-701 1 5 KVA — 4 KW — Onan KS-5602, List 01 — Requirements and Adjusting Procedures

155-132-801 2 5 KVA — 4 KW — Onan KS-5602, List 01 — Replacement Parts and Procedures

155-134-301 1 Gasoline — Automatically Controlled — KS-5636, List 1 — 20 KW AC — Single Phase — Operating Methods

155-134-302 3 Gasoline — Automatically Controlled — KS-5636 — 20, 30, 40, 50, and 60 KW AC Three Phase and 20 KW Single Phase Using 32-Volt Battery for Starting and Control — Operating Methods

Add 155-134-701 1
155-134-701 2 Gasoline — Automatically Controlled — KS-5636, List 1 — 20 KW AC — Single Phase Using 16-Volt Battery for Starting and Control — Requirements and Adjusting Procedures

Add 155-134-702 2
155-134-702 3 Gasoline — Automatically Controlled — KS-5636, 20-, 30-, 40-, 50-, and 60-KW AC — Three Phase and 20-KW Single Phase Using 32-Volt Battery for Starting and Control — Requirements and Adjusting Procedures

155-134-801 1 Gasoline — Automatically Controlled — KS-5636, List 1 — 20 KW AC — Single Phase Using 16-Volt Battery for Starting and Control — Replacement Parts and Procedures

155-136-301 1 KS-5664 — 15 KW — Automatically Controlled — Operating Methods

Add 155-136-701 1
155-136-701 1 KS-5664 — 15 KW — Automatically Controlled — Requirements and Adjusting Procedures

155-138-301 4 KS-5665 — 150, 200, and 300 KW — Operating Methods

Add 155-138-701 3
155-138-701 4 Diesel — KS-5665-150, 200, and 300 KW — Requirements and Adjusting Procedures

Add 155-139-301 1
155-139-301 1 Diesel — KS-5666, Lists 1 and 2 — Manually Controlled — Operating Methods

155-139-302 1 Diesel — KS-5666-01, 10 KW AC — Manually Controlled — Operating Methods

Add 155-139-701 3
155-139-701 2 Diesel — KS-5666, 10 KW Commercial Type — Requirements and Adjusting Procedures

Add 155-139-702 3
155-139-702 1 Diesel — KS-5666-01, 10 KW AC — Manually Controlled — Requirements and Adjusting Procedures

155-141-301 1 Gasoline — KS-5667 — 3, 5, and 8 KW — Automatically Controlled — Operating Methods

155-141-302 4 Automatic — 2.8, 4 and 8 KW — KS-5667-01, Lists 1 to 5 Inclusive and 10 KW — KS-15717, List 1 and Lists 4 to 9 Inclusive — J86622 Main Control Cabinet — Operating Methods

155-141-303 2 Gasoline — KS-5667-01 — 2.8, 4 and 8 KW — Automatically or Manually Controlled — Operating Methods

155-141-304 1 Gasoline — KS-5667-01 — 5 KW — Single Phase — 60 Cycle — Automatically Controlled — Operating Methods

Add 155-141-701 1
155-141-701 2 Gasoline — KS-5667 — 3, 5, and 8 KW — Automatically Controlled — Requirements and Adjusting Procedures

Add 155-141-703 1
155-141-703 2 Gasoline — KS-5667-01 — 2.8, 4, and 8 KW — Automatically or Manually Controlled — Requirements and Adjusting Procedures

Add 155-141-704 1
155-141-704 1 Gasoline — KS-5667-01, Lists 6 and 7 — 5 KW — Single Phase — 60 Cycle — Automatically Controlled — Requirements and Adjusting Procedures

Add 155-145-301 1
155-145-301 3 Diesel — KS-5750 — 20 KW, AC — Automatically Controlled — Operating Methods

Add 155-145-302 1
155-145-302 4 Diesel — KS-5750 — 30, 40, and 60 KW, AC — Automatically Controlled — Operating Methods

	155-145-311	3	KS-5750, KS-15521, KS-15522, and KS-15890 — 20- to 100-KW Automatic — J86621 Main Control Cabinet — Operating Methods
Add	155-145-701	2	
	155-145-701	4	Diesel — KS-5750, 20 KW AC — Automatically Controlled — Requirements and Adjusting Procedures
Add	155-145-702	2	
	155-145-702	4	Diesel — KS-5750 — 30, 40, and 60 KW, AC — — Automatically Controlled — Requirements and Adjusting Procedures
	155-161-301	3	Diesel — Automatically Controlled — KS-15521, List 1, List 2, List 3, and List 4 — 20 KW — Operating Methods
Add	155-161-302	1	
	155-161-302	3	KS-15521 List 10, List 11, and List 12 Diesel — Two Automatically Controlled — Alternately Operated 20-KW Sets
Add	155-161-701	3	
	155-161-701	4	Diesel — KS-15521 L1, L2, L3, and L4 — 20 KW — Automatically Controlled — Intermittent Operation — Requirements and Adjusting Procedures
Add	155-161-702	1	
	155-161-702	3	Diesel — Two Automatically Controlled — Alternately Operated 20-KW Sets — KS-15521 List 10, List 11, and List 12 — Requirements and Adjusting Procedures
Add	155-165-301	1	
	155-165-301	4	Diesel KS-15622 — 120 and 170 KW — Manually and Automatically Controlled — Operating Methods
Add	155-165-311	1	
	155-165-311	2	Automatic Diesel — 30- to 60-KW, KS-5750 — 120- and 170-KW, KS-15622 — 30- to 100-KW, KS-15890 — J86624 Main Control Cabinet — Operating Methods
Add	155-165-701	6	
	155-165-701	5	Diesel — KS-15622 — 120 and 170 KW — Manually and Automatically Controlled — Requirements and Adjusting Procedures
	155-167-301	3	KS-15650 — Gasoline — 5 KW — Portable — Onan Type — Operating Methods
Add	155-167-701	1	
	155-167-701	2	KS-15650 — Gasoline — 5 KW — Portable — Onan Type — Requirements and Adjusting Procedures
	155-167-801	1	KS-15650 — Gasoline — 5 KW — Portable — Onan Type — Replacement Parts and Procedures
	155-168-301	1	KS-19989 — Gasoline 5KW — Portable — Onan Type — Operating Methods
Add	155-168-701	1	
	155-168-701	1	KS-19989 — Gasoline — 5KW — Portable — Onan Type — Requirements and Adjusting Procedures
	155-170-301	1	Gasoline — Automatically Controlled — KS-15700 — 1.3 KW — Stationary — Operating Methods
Add	155-170-701	1	
	155-170-701	1	Gasoline — Automatically Controlled — KS-15700 — 1.3 KW — Stationary — Requirements and Adjusting Procedures
	155-172-300	3	Diesel — KS-15717, L4, L5, L6, L7, L8, and L9 — 10 KW — Manually Controlled — Operating Methods
	155-172-301	1	Diesel — KS-15717 L1 — 10 KW — Automatically Controlled — Operating Methods
	155-172-302	2	Diesel — KS-15717, L11 — 10 KW — Automatically Controlled — Operating Methods
Add	155-172-700	3	
	155-172-700	3	Diesel — KS-15717, L4 Through L9 — 10 KW — Manually Controlled — Requirements and Adjusting Procedures
Add	155-172-701	3	
	155-172-701	1	Diesel — KS-15717, L1-10 KW — Automatically Controlled — Requirements and Adjusting Procedures
Add	155-172-702	1	
	155-172-702	3	Diesel — KS-15717 L11 — 10 KW — Automatically Controlled — Requirements and Adjusting Procedures
	155-172-800	3	Diesel — KS-15717, L4, L5, L6, L7, L8, and L9 — 10 KW — Manually Controlled — Replacement Parts and Procedures
	155-172-801	1	Engine-Alternators — Diesel — KS-15717, L1 — 10 KW — Automatically Controlled — Replacement Parts and Procedures
	155-172-802	1	Diesel — KS-15717 L11 — 10KW — Automatically Controlled — Replacement Parts and Procedures
	155-174-301	3	Diesel — KS-15777, L21, L22, L31, and L32 — 500 KW — Manually Controlled — Operating Methods
Add	155-174-302	1	
	155-174-302	3	Diesel — KS-15777 L23, L24, L33, and L34 — 500 KW — Automatically Controlled — Operating Methods
Add	155-174-701	3	
	155-174-701	3	Diesel — KS-15777-500 KW — Automatically and Manually Controlled — Requirements and Adjusting Procedures
	155-174-801	1	Diesel — Manually Controlled — KS-15777, L21, L22, L31, L32 — 500 KW — Replacement Parts and Procedures
	155-174-802	1	Diesel — Automatically Controlled — KS-15777 L23, L24, L33, and L34 — 500 KW — Replacement Parts and Procedures
Add	155-176-301	1	
	155-176-301	2	Diesel — KS-15884 — 30 KW — Manually Controlled — Operating Methods
	155-176-302	3	Diesel — KS-15884 — 45, 60, and 100 KW — Manually Controlled — Operating Methods
	155-176-701	6	Diesel — KS-15884, L1, L2, L3, L4, L12, L13, and L14 — 30, 45, 60, and 100 KW — Manually Controlled — Requirements and Adjusting Procedures

155-176-801 1 Diesel — KS-15884 — 30 KW — Manually Controlled — Replacement Parts and Procedures

155-176-802 1 Diesel — KS-15884 — 45, 60, and 100 KW — Manually Controlled — Replacement Parts and Procedures

Add 155-178-301 2
155-178-301 3 KS-15890 — 30, 45, 60, and 100 KW — Diesel — Automatically Controlled — Operating Methods

155-178-701 4 Diesel — KS-15890 — 30, 45, 60 and 100 KW — Automatically Controlled — Requirements and Adjusting Procedures

155-178-801 3 Diesel — KS-15890 — 30, 45, 60, and 100 KW — Automatically Controlled — Replacement Parts and Procedures

155-180-301 2 Diesel — KS-15899 L1, L2, L11, and L12 — 350 KW — Manually Controlled — Operating Methods

155-180-302 2 Diesel — KS-15899 L3, L4, L13, and L14 — 350 KW — Automatically Controlled — Operating Methods

Add 155-180-701 1
155-180-701 4 Diesel — KS-15899 — 350 KW — Automatically and Manually Controlled — Requirements and Adjusting Procedures

155-180-801 1 Diesel — KS-15899, L1, L2, L11, and L12 — 350 KW — Manually Controlled — Replacement Parts and Procedures

155-180-802 1 Diesel — KS-15899, L3, L4, L13, and L14 — 350 KW — Automatically Controlled — Replacement Parts and Procedures

155-185-301 2 Diesel — KS-15929, L1 and L11 — 225 KW — Manually Controlled — Operating Methods

155-185-302 3 Diesel — KS-15929 L2 and L12 — 225 KW — Automatically Controlled — Operating Methods

155-185-701 4 KS-15929 — Diesel — 225 KW — Automatically and Manually Controlled — Requirements and Adjusting Procedures

155-185-801 1 Diesel — KS-15929 L1 and L11 — 225 KW — Manually Controlled — Replacement Parts and Procedures

155-185-802 1 Diesel — KS-15929 L2 and L12 — 225 KW — Automatically Controlled — Replacement Parts and Procedures

155-187-301 2 Diesel — KS-15954 L1, L2, L11, and L12 — 350 KW — Manually Controlled — Operating Methods

155-187-302 3 Diesel — KS-15954 L3, L4, L13, and L14 — 350 KW — Automatically Controlled — Operating Methods

Add 155-187-701 4
155-187-701 2 Diesel — KS-15954 — 300 KW — Automatically and Manually Controlled — Requirements and Adjusting Procedures

155-187-801 1 Diesel — KS-15954, L1, L2, L11, and L12 — 350 KW — Manually Controlled — Replacement Parts and Procedures

155-187-802 1 Diesel — KS-15954 L3, L4, L13, and L14 — 350 KW — Automatically Controlled — Replacement Parts and Procedures

155-188-701 4 Motor-Alternator — KS-19203 — Requirements and Adjusting Procedures

155-188-801 2 KS-19203 Motor-Alternators — Replacement Parts and Procedures

Add 155-189-301 1
155-189-301 3 Diesel — KS-19587 L1 and L2 — 115 KW — Automatically and Manually Controlled — Operating Methods

Add 155-189-701 3
155-189-701 3 Diesel — KS-19587, L1 and L2 — 115 KW — Automatically and Manually Controlled — Requirements and Adjusting Procedures

155-190-701 1 Battery Motor-Driven — Control Equipment — Requirements and Adjusting Procedures

Add 155-191-301 3
155-191-301 1 KS-19583, 30 KW and KS-19584, 45 KW Engine-Alternators — Diesel — Automatically and Manually Controlled — Operating Methods

Add 155-191-701 4
155-191-701 2 Diesel — KS-19583, 30 KW and KS-19584, 45 KW — Automatically Controlled — Requirements and Adjusting Procedures

Add 155-192-301 3
155-192-301 1 KS-19585, 75 KW and KS-19586, 115 KW Engine-Alternators — Diesel — Automatically and Manually Controlled — Operating Methods

Add 155-192-701 4
155-192-701 2 Diesel — KS-19585, 75 KW and KS-19586, 115 KW — Automatically Controlled — Requirements and Adjusting Procedures

155-193-301 2 KS-20523, 30 KW and KS-20524, 45 KW — Engine-Alternators — Diesel — Manually Controlled or Field Converted Automatically Controlled — Operating Methods

155-193-701 3 KS-20523, 30 KW and KS-20524, 45 KW — Engine-Alternator — Diesel — Manually Controlled or Field Converted Automatically Controlled — Requirements and Adjusting Procedures

155-194-301 2 KS-20525, 75KW and KS-20526, 115KW — Engine-Alternators — Diesel — Manually Controlled or Field Converted Automatically Controlled — Operating Methods

155-194-701 3 KS-20525, 75 KW and KS-20526, 115 KW — Engine-Alternators — Diesel — Manually Controlled or Field Converted Automatically Controlled — Requirements and Adjusting Procedures

155-195-301 1 KS-20527 List 1 Through 12 — Diesel — 115 KW — Manually Controlled — Operating Methods

Add 155-195-701 3
155-195-701 1 Diesel — KS-20527, Lists 1 Through 12 — 115-KW — Manually Controlled — Requirements and Adjusting Procedures

▲ ♠ 155-197-001 2 Guardian 24/28/40 KW AC Reserve System

155-197-100 3 J86557 Guardian 24/28/40 KW AC Reserve System — Description

155-2 GAS TURBINE ALTERNATORS

Add 155-202-301 1
155-202-301 3 KS-15992 — 750 KW Automatically or Manually Controlled — Operating Methods

155-202-701 4 KS-15992 Engine-Alternator — Gas Turbine — 750 KW Automatically or Manually Controlled — Requirements and Adjusting Procedures

155-205-301 3 KS-19896 L1 Through L4, L15, and L16 200-KW Automatically or Manually Controlled — Operating Methods

155-205-701 4 KS-19896 L1 Through L4, L15, and L16 Engine-Alternator — Gas Turbine — 200 KW Automatically or Manually Controlled — Requirements and Adjusting Procedures

Add 155-206-301 1
155-206-301 1 KS-20542 Lists 1 Through 4, 11, and 12 — 200 KW Automatically or Manually Controlled — Operating Methods

155-206-302 1 KS-20542 Lists 101, 102, 111, and 112 and Solid State Control Circuits Lists 115 and 116 — 200 KW Automatically or Manually Controlled — Operating Methods

Add 155-206-701 1
155-206-701 2 KS-20542 Lists 1 Through 4, 11, and 12 — 200 KW Automatically or Manually Controlled — Requirements and Adjusting Procedures

155-206-702 1 Engine-Alternator — Gas Turbine — KS-20542 Lists 101, 102, 111, 112, and Solid State Control Circuits Lists 115 and 116 200KW Automatically or Manually Controlled Requirements and Adjusting Procedures

Add 155-207-301 1
155-207-301 2 KS-20460 List 1 Through 8 — 2500-KW Sets — Automatically or Manually Controlled — Operating Methods

Add 155-207-701 1
155-207-701 2 KS-20460 List 2 and Lists 4 Through 8 — 2500-KW Sets — Automatically or Manually Controlled — Requirements and Adjusting Procedures

Add 155-208-301 1
155-208-301 1 KS-21501, L1 Through L4, L7, L12, L13, and L26 — 750 KW (Base)/900 KW (Peak) — Automatically or Manually Controlled — Operating Methods

Add 155-208-701 1
155-208-701 1 KS-21501, L1 Through L4, L7, L12, L13 and L26 — 750 KW Base/900 KW Peak — Automatically or Manually Controlled — Requirements and Adjusting Procedures

155-209-301 2 Engine-Alternator — Gas Turbine — KS-21264, Lists 1 Through 4 — 435/500 KW Automatically or Manually Controlled Operating Methods

155-209-701 2 KS-21264, Lists 1 Through 4 — 435/500 KW Automatically or Manually Controlled — Requirements and Adjusting Procedures

155-210-301 1 KS-21879 — Lists 1 Through 4 — 1250/1500 KW Automatically or Manually Controlled Operating Methods

155-210-701 1 KS-21879 — Lists 1 Through 4 — 1250/1500 KW Automatically or Manually Controlled Requirements and Adjusting Procedures

Add 155-211-301 1
155-211-301 1 KS-22673, Lists 1 Through 8 — Turbine Engine-Driven Alternator 750/900 KW Automatically or Manually Controlled Operating Methods

Add 155-211-701 1
155-211-701 1 KS-22673, Lists 1 Through 8 — Turbine Engine-Driven Alternator — 750/900 KW Automatically or Manually Controlled Requirements and Adjusting Procedures

155-212-301 1 KS-22719, 30 KW or 45 KW and KS-22720, 75 KW or 115 KW — Engine-Alternators — Diesel Automatically Controller Operating Methods

155-212-701 1 KS-22719, 30 KW or 45 KW and KS-22720, 75 KW or 115 KW — Engine-Alternators — Diesel Automatically Controlled Requirements and Adjusting Procedures

155-3 TONE ALTERNATORS AND TONE MACHINES

155-307-101 2 KS-5286 — Description

155-307-701 4 KS-5286 — Requirements and Adjusting Procedures

155-307-801 5 KS-5286 — Replacement Parts and Procedures

155-310-701 2 A. E. Inc. Class Of Service Tone Machines — Requirements and Adjusting Procedures

155-320-301 1 Audible Ring Tone Generator 404F — Operating Procedures

155-321-301 1 Preempt Tone Generator 404G — Operating Procedures

155-322-301 1 404A, 404B, 404C, and 404D Dial Tone Generators — Operating Procedures

155-323-301 3 Precise Busy Tone Supply — J86845A — 4-Wire Voice/Record Network — J86845B — Basic 911 Emergency Service — Operating Procedures

155-4 RINGING AND COIN CONTROL GENERATORS

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155-405-301 1 P Type — Operating Methods

155-405-701 3 P Type — Requirements and Adjusting Procedures

155-405-801 4 P Type — Replacement Parts and Procedures

155-410-101 2 Commercial Type — Description

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155-410-701 5 Motor-Driven — Commercial Type — Requirements and Adjusting Procedures

155-410-801 4 Motor-Driven — Commercial Type — Replacement Parts and Procedures

Add 155-415-701 1
155-415-701 6 Static — Requirements and Adjusting Procedures

155-416-701 1 J29182A-50 — No. 5 Crossbar — Operation, Requirements, and Adjusting Procedures

155-420-701 2 Vibrator-Type — KS-5815 — Requirements and Adjusting Procedures

Add 155-425-701 1
155-425-701 1 Motor-Driven — KS-15816 — Requirements and Adjusting Procedures

Add 155-425-801 1
155-425-801 1 Motor-Driven — KS-15816 — Replacement Parts and Procedures

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155-505-701 3 Type "M" — Requirements and Adjusting Procedures

155-505-801 2 Type "M" — Replacement Parts and Procedures

155-508-301 1 .850 KW and 2.5 KW Delco Sets — Per KS-5042 — Operating Methods

155-508-701 2 .850 and 2.5 KW Delco Sets — Per KS-5042 — Requirements and Adjusting Procedures

155-510-701 2 22-40 Volt and 125-135 Volt; 1.25 KW Delco Sets — Per KS-5115 and KS-5116 — Requirements and Adjusting Procedures

155-512-101 1 Commercial Type — Per KS-5123 and KS-5137 — Description

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155-512-701 7 Motor-Driven — Requirements and Adjusting Procedures

155-512-801 5 Motor-Driven — Replacement Parts and Procedures

155-514-301 2 Buffalo Type "BA" — Operating Methods

155-514-701 3 Buffalo Type "BA" — Requirements and Adjusting Procedures

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155-516-101 1 KS-5142 — 1.5 KW Westinghouse — Kerosene — Description

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155-516-701 2 KS-5142 — 1.5 KW Westinghouse — Kerosene — Requirements and Adjusting Procedures

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155-525-701 1 KS-5630 — 1.5 KW — Kerosene — Requirements and Adjusting Procedures

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155-609-101 4 1000-Cycle Machines — KS-5472-01 and KS-5472 — Description

155-609-701 2 1000-Cycle Machines — KS-5472 and KS-5472-01 — Requirements and Adjusting Procedures

155-609-801 2 1000-Cycle Machines — KS-5472 and KS-5472-01 — Replacement Parts and Procedures

155-612-701 4 Charging Sets — Diverter Pole Type — Requirements and Adjusting Procedures

155-612-801 2 Charging Sets — Diverter Pole Type — Replacement Parts and Procedures

Add 155-614-701 1
155-614-701 3 KS-5668-02 and KS-15834 — Requirements and Adjusting Procedures

155-614-801 2 KS-5668-02 and KS-15834 — Replacement Parts and Procedures

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155-625-701 4 KS-15839 and KS-15842 — Requirements and Adjusting Procedures

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163-220-701 7 KS-15634 and KS-15757 Type — Requirements and Adjusting Procedures

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

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163-320-701 10 KS-5159, KS-5319, and KS-5352 Types — Requirements and Adjusting Procedures

163-320-801 5 QD Type — Piece-Part Data and Replacement Procedures

163-321-101 1 KS-20392 Sub-cycle Ringing Generator Identification, Installation, and Connectors

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163-520-201 2 Ringing Supply — KS-5585 List 01 and List 06 (Static Ringing Generators) — Installation

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163-530-701 9 KS-15804, KS-15905, and KS-15985—Ringing Machines — Requirements and Adjusting Procedures

163-530-801 6 KS-15804, KS-15905, and KS-15985 Types — Replacement Parts and Procedures

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163-601-701 1 100-Type — Requirements and Adjusting Procedures

163-602-701 2 153-Type — Requirements and Adjusting Procedures

163-602-801 2 153-Type — Piece-Part Data and Replacement Procedures

163-602-811 1 153-Type — Reconditioning of Interrupter Drums

163-603-701 2 155A — Requirements and Adjusting Procedures

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163-607-801 2 Precision Type — Piece-Part Data and Replacement Procedures

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163-609-701 2 173-Type — Requirements and Adjusting Procedures

163-630-701 2 KS-5746 — Requirements and Adjusting Procedures

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163-650-801 4 Rotary Mercury-Type — Replacement Parts and Procedures

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163-651-701 3 Reciprocating Bar Type — Requirements and Adjusting Procedures

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	163-720-701	9	KS-15532 Ringing Machines — Requirements and Adjusting Procedures
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167-7)

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	167-609-701	1	154A (J86910) Battery Power Plant — + or −24 Volts, 2400 Amperes — Operating Methods
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	167-621-101	4	302A (J86434) — −24/48 Volts, 10,000 Amperes — Operating Methods
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	167-640-311	2	J86436A Plate Supply — 130 Volts, 180 Milliampere — Operating Methods
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	167-645-306	4	420B — Types "J" and "K" Carrier Auxiliary Systems Having No AC Power Available — Operating Methods
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	167-645-311	1	420A and 420B — "J" and "K" Carrier Auxiliary Stations — Miscellaneous Building Equipment — Operating Methods
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	167-680-301	1	526A — Operating Methods

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	167-693-100	1	680A Converter — (J86891A), (J86891B) — 30 to 1150 Volt, 910 Milliampere DC Output — Description
▲ ♠	167-693-102	2	680A Power Plant
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	167-706-306	1	704B (J86583) — 34 and 48 Volt, Positive and Negative — 2.5 and 8 Amperes — Operating Methods
	167-706-311	5	704C (J86590) — 48 Volts — Operating Methods
	167-708-301	3	708A — Operating Methods
	167-712-100	2	J85517A — TRIPORT* Uninterruptible Power Supply — 208 Volts, 5.6 KVA, Single Phase — Operating Methods
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	167-712-101	1	J85518A — AC TRIPORT* Uninterruptible Power Supply — 120/208 Volts, 5.6 KVA, Single Phase — Operating Methods
	167-712-102	2	J85527A — TRIPORT* II Power Supply — 120 Volts, 5.6 KVA, Single Phase — Operating Methods

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	167-721-311	4	803C (J86555) — Operating Methods
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169-704-313 1 KS-19210 L23 and L24 — +24 Volts, 400 Amperes — Operating Methods

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169-704-701 1 KS-19210 24-Volt Rectifier, All List — S1 Switch (S3 Switch for L1 and L3) — Tests, Inspections, Cleaning, and Adjustments

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169-705-301 2 KS-19210, L2 and L7 — 24 Volts, 400 Amperes — Operating Methods

Add 169-706-301 1
169-706-301 2 KS-19210, L3 — 24 Volts, 400 Amperes — Operating Methods

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169-708-301 2 KS-19211, L1 — 24 Volts, 800 Amperes — Operating Methods

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169-709-301 3 KS-19211, L2 and L7 — 24 Volts, 800 Amperes — Operating Methods

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Add 169-710-301 1
169-710-301 2 KS-19211, L3 — 24 Volts, 800 Amperes — Operating Methods

169-710-311 1 KS-19211 L3, 24 Volts 800 Amperes — Trouble Locating

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Add 169-711-312 1
169-711-312 2 KS-19211, L11 and L12 — 24 Volts, 800 Amperes — Operating Methods

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169-712-301 5 KS-19212, L1 and L2, — 24 Volts, 1600 Amperes — Operating Methods

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169-713-301 3 KS-19212, L3 and L4 — 24 Volts, 1600 Amperes — Operating Methods

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Add 169-713-312 1
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169-716-301 2 KS-19213 L3 — 48 Volts, 800 Amperes — Operating Methods

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	169-721-312	3	KS-19214 L11 and L12 — 48 Volts, 800 Amperes — Operating Methods
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	169-722-301	5	KS-19215, L1 and L2, Rectifiers — 48 Volts, 1600 Amperes — Operating Methods
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	169-723-301	4	KS-19215, L3 and L4 — 48 Volts, 1600 Amperes — Operating Methods
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190-102-206 2 SELEC Program

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▲ ♠ 190-102-301 2 Controller — Generic 2, Issue 3 — Operating Procedures

▲ ♠ 190-102-305 2 Remote User Terminal Operating Procedures

190-102-500 3 System Trouble-Locating Procedures

190-102-501 2 Generic 2, Issue 5 — System Recovery Strategy

190-102-502 1 Remote-User Port Diagnostic Test Descriptions

190-103 CAROT 2/Generic 3 (Centralized Automatic Reporting on Trunks)

190-103-015 2 Analysis of Test Results

190-103-100 2 General System Description

190-103-103 1 Remote-User Terminal — Description and Operation

190-103-105 2 CAROT/CMS Interface Description

190-103-201 2 Data Base Administration

190-103-202 2 CAROT 2 Controller Administration

190-103-203 2 Data Base Description and Transactions

190-103-204 1 Circuit Order Activity — Implementation and Description

190-103-205 1 Text Editor Program

190-103-206 2 SELEC Program

190-103-207 1 Report Program Generator (RPG) Description

190-103-210 1 Installation Planning and Procedures

190-103-500 1 System Trouble-Locating Procedures

190-103-501 1 System Recovery Strategy

190-103-502 1 Remote-User Port Diagnostic Test Descriptions

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

190-105-313 4 Computer Input Commands/Output Messages

190-105-314 3 PDP* - 11/70 Computer Operating Procedures

190-105-501 1 Computer Acceptance Tests

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190-105-502 2 PDP*-11/70 Computer Acceptance Tests

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)

Add 190-106-301 1
190-106-301 2 Trouble Locating Procedure — No. 5 Crossbar

Add 190-106-311 1
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

190-107 Programmable Scanner/Distributor

190-107-101 2 SD-94844-01 — Description — Automatic Trouble Analysis (ATA)

Add 190-107-301 1
190-107-301 2 Trouble-Locating Procedures — Automatic Trouble Analysis

190-108 (TREAT) Trouble Report Evaluation and Analysis Tool System

190-108-005 1 Central Office Reports — Description

190-110) NO. 2 SCCS (No. 2 Switching Control Center System) 190-129)

190-110-110 5 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

190-110-310 5 Computer Subsystem and Control Equipment — Hardware Operation and Reconfiguration

190-110-314 3 Common Equipment — Troubleshooting Procedures

190-110-321 4 Computer Subsystem and Control Equipment — System Acceptance Test and Periodic Evaluation Procedures

190-111-110 2 Application with 4 ESS Switch — Description

190-112-110 2 Application with 1A ESS Switch — Description

190-112-340 3 No. 1A Electronic Switching System Application — Operational Test Procedures

190-112-341 2 Application with 1A ESS Switch — System Recovery Procedure

Add 190-113-110 1
190-113-110 2 No. 1 Electronic Switching System Application — Description and Operation

190-113-125 1 Multiple Message Alerting (MMA) — Administration Procedures

Add 190-113-310 4
190-113-310 2 No. 1 Electronic Switching System Application — Operating and Diagnostic Test Procedure

190-113-311 2 No. 1 Electronic Switching System Application Emergency Action Procedures

190-113-312 2 No. 1 Electronic Switching System Application — Analysis of Network Failures and TN08 Messages

190-113-313 1 Trunk Maintenance Package (TRUMP) — Procedures

Add 190-113-314 1
190-113-314 1 No. 1 Electronic Switching System Application — Network Analysis Operational Procedures

190-113-315 2 No. 1 Electronic Switching System Application — TN08 Messages Analysis Procedures — Operation, Maintenance, and Administration

190-113-340 2 No. 1 Electronic Switching System Application — Operating and Diagnostic Test Procedures

Add 190-113-341 1
190-113-341 1 No. 1 Electronic Switching System Application — Emergency Action Procedure

190-114-110 2 Traffic Service Position System No. 1 Application — Description

190-114-310 2 Traffic Service Position System No. 1 Application — Central Office Interconnect — Operation and Test Procedures

★	190-114-311	2	Traffic Service Position System No. 1 Application — Emergency Action Procedures
	190-114-340	1	Control Console No. 1A — Operation and Test Procedures — Traffic Service Position System No. 1 Application
★	190-114-341	1	Control Console No. 1A — Traffic Service Position System No. 1 Application — Emergency Action Procedures
	190-115-110	2	No. 2 Electronic Switching System Application — Description
	190-115-310	1	No. 2 Electronic Switching System Application — Operation and Test Procedures
	190-115-311	2	Emergency Action Procedures — No. 2 Electronic Switching System Application
Add	190-115-340	1	
	190-115-340	2	Control Console No. 1A/2A — Operation and Test Procedures — No. 2 Electronic Switching System Application
	190-115-341	3	Emergency Action Procedures — No. 2 Electronic Switching System Application
Add	190-116-110	1	
	190-116-110	1	No. 2B Electronic Switching Application — Description
Add	190-116-340	1	
	190-116-340	1	No. 2B Electronic Switching System Application — Operation and Test Procedures
	190-116-341	3	Emergency Action Procedures — No. 2B Electronic Switching System Application
	190-117-110	2	No. 3 Electronic Switching System Application — Description
	190-117-340	2	No. 3 Electronic Switching System Application — Operating and Test Procedures
	190-117-341	2	No. 3 Electronic Switching System Application — Emergency Action Procedures
	190-117-342	2	Operating and Test Procedures for No. 3 Electronic Switching System Application — Generic 3E3 and Later Issues
	190-118-110	1	Automatic Interupt System (AIS) Application— Description
	190-118-340	1	Operation and Test Procedures — Automatic Intercept System (AIS) Application
	190-118-341	1	Emergency Action Procedures (Control Console) — Automatic Intercept System Application
	190-119-110	1	No. 101 Electronic Switching System Application — Description
	190-119-310	1	No. 101 Electronic Switching System Application — Operation and Trouble Analysis Procedures
	190-119-311	1	No. 101 Electronic Switching System Application Emergency Action Procedure
	190-120-110	1	Peripheral Data Storage Processor Application — Description
	190-120-340	1	Peripheral Data Storage Processor Application — Operational Test Procedure
	190-120-341	1	Enhanced 911 and Enhanced Private Switched Communication Service — System Recovery Procedure — Peripheral Data Storage Processor — No. 2 Switching Control Center System
	190-121-110	1	1A Voice Storage System Application Description and Operation—No. 2 Switching Control Center System
	190-121-340	1	1A Voice Storage System Application—Test Procedures
	190-121-341	1	1A Voice Storage System Application — Emergency Action Procedures
	190-122-110	2	Application with 5 ESS Switch — Description
	190-123-110	1	Traffic Service Position System No. 1B Application — Description
	190-124-110	1	Network Control Point Application — Description
	190-125-110	1	Digital Access and Cross-Connect System Application — Description
	190-125-311	1	Digital Access and Cross-Connect System Application — Emergency Action Procedure
	190-125-340	1	Digital Access and Cross-Connect System Application — Operating and Test Procedures
	190-127-110	1	Application with AUTOPLEX* System 100 Cellular Telecommunications System — Description
	190-127-340	1	Application with AUTOPLEX System 100 Cellular Telecommunications System — Operational Test Procedures
	190-127-341	1	Application with AUTOPLEX System 100 Cellular Telecommunications System — Emergency Action Procedure
	190-128-110	1	DMS†-10 Digital Switching System Application — Description

190-130 SCC (Switching Control Centers)

	190-130-110	1	Introduction, Planning, and Implementation — Network Maintenance Management
♠	190-130-115	2	Organizational Sizing of Switching Control Centers
	190-130-120	2	Organization and Responsibility Guidelines
	190-130-120	1	
	Append 1	1	Performance Standards — Description
	Append 2	1	Work Assignment Lists — Description
	Append 3	1	Manager and Supervisor Job Summaries — Descriptions
	190-130-121	1	Alarm Surveillance Guides — Ordering Information
	190-130-133	1	Dispatch and Administration Procedures
	190-130-140	1	Work Schedule — Form E-6837 — Preparation and Use — Network Maintenance Management

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190-130-143 1 Network Maintenance Management Plan — Operational Review Guidelines

Append 1 1 Network Maintenance Management Plan — Operational Review Checklists

190-130-146 1 Building and Power Alarms Central Office Maintenance

190-130-150 1 Load and Work Time Record — Form E-6843 — Network Maintenance Management

Add 190-130-160 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)

190-140 Frame Control Center

190-140-100 1 Frame Work Station — Organizational Guidelines and Responsibilities

190-140-110 1 Frame Work Station — Operating Procedures

190-140-120 1 Frame Work Station — Implementation Guidelines

190-200 TCAS (T Carrier Administration System)

190-200-001 1 Organization and Responsibilities

190-200-002 1 Quality Review Plan

190-200-010 4 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 2 Functional Description

190-200-101 3 Input Messages and Displays Description

190-200-102 2 Reports Description

190-200-103 1 Facilities Maintenance and Administration Center-Metropolitan (FMAC-M) — Control Positions Description

190-200-300 5 Central Computer — Operating, and Routine Maintenance Procedures

190-200-310 3 Data Base Controller Operations

190-200-311 1 Equipment and Facility Assignment (EFA) Controller Operations

190-200-312 1 Maintenance Control and Maintenance Alarm Control Positions — General Operating Procedures

190-200-313 1 Maintenance Control and Maintenance Alarm Control Positions — Typical Trouble-Handling Procedures

190-200-314 1 Supervisory Control Position

190-200-500 4 Central Unit Test Procedures

190-201 Alarm Centers

190-201-010 1 Administration

190-202 FMAC (Facility Maintenance and Administration Center)

190-202-004 1 Personnel Responsibilities — Facility Maintenance and Administration Center (FMAC)

190-202-041 1 Controlled Maintenance Plan — Operations Centers and Support Systems

190-202-061 1 Standard Alarm Name and Status Indication Abbreviations — Description

Add 190-202-101 1

190-202-101 1 Organization, Responsibilities, and Objectives — Facility Maintenance and Administration Center-Metropolitan

190-202-102 1 Operations Support Systems — Facility Maintenance and Administration Center-Metropolitan

190-202-103 1 Planning and Implementation — Facility Maintenance and Administration Center-Metropolitan

190-202-201 1 Organization and Responsibilities — Facility Maintenance and Asmination Centers

190-202-202 1 Operations Support Systems — Facility Maintenance and Administration Centers

190-202-203 1 Planning and Implementation — Facility Maintenance and Administration Centers

190-202-463 1 Alarm Surveillance Procedures and Responsibilities — Description — Facility Maintenace and Administration Center (FMAC)

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 Surveillance and Control of Transmission Systems (SCOTS) — Data Base Management

190-205-303 3 Locally Defined Operations

190-205-500 2 System Maintenance

190-205-502 2 Surveillance and Control of Transmission Systems (SCOTS) — Remote Maintenance

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

190-210-020	2	Administrative Procedures
190-210-050	2	No. 5 Crossbar Alarm Reference Guide (ARG) — Network Maintenance Management
190-210-051	1	No. 1 Crossbar Alarm Reference Guide (ARG) — Network Maintenance Management
190-210-052	1	Crossbar Tandem Alarm Reference Guide (ARG) — Network Maintenance Management
190-210-053	1	Step-by-Step System Alarm Reference Guide (ARG) — No. 1, 350A, 355A — Network Maintenance Management
190-210-054	2	Building and Power Alarm Reference Guide (ARG) — Step-by-Step and Crossbar Switching Systems — Network Maintenance Management
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
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

190-220 RMMS (Regional Maintenance Management System)

190-220-100	2	General Description
190-220-101	2	Central Description
190-220-300	1	General Operation
190-220-301	2	Data Base Management
190-220-500	2	Maintenance
190-220-501	2	4M Multiplexor — Description, Operation, and Diagnostics
190-220-551	2	Routine Tests — Line and Multiplex Sections — Gain/Frequency Characteristics and Noise
190-220-572	1	Demand Measurements

190-300 RBCS (Record Base Coordination System)

190-300-010	1	Network Record Coordination Center
190-300-020	2	Supported Operations — Record Base Coordination System

190-305 COMMS (Central Office Maintenance Management System)

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

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

190-401 NSC (Network Service Center)

190-401-000	3	Center Information Resources Index
190-401-040	2	Center Description
190-401-060	1	Network Service Center for Bell Operating Companies (BOC) Center Management Guide
190-401-070	1	Network Service Center for Bell Operating Companies (BOC) — Center Operations Guide
190-401-091	1	Network Service Center for Bell Operating Companies (BOC) — Operational Review — Introduction
190-401-093	1	Network Service Center for Bell Operating Companies (BOC) — Operational Review — Organization Checklist
190-401-095	1	Network Service Center for Bell Operating Companies (BOC) — Operational Review — Management Checklist

	190-401-097	1	Network Service Center (NCS) for Bell Operating Companies (BOC) — Operational Review — Operations Checklist
	190-401-099	1	Network Service Center (NSC) for Bell Operating Companies (BOC) — Operational Review — Review Summary Checklist
	190-401-100	1	Network Service Centers
	190-401-110	1	Network Task Force
	190-401-120	1	Area Network Service Center
	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)
Add	190-401-301	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)
	190-401-400	1	Trouble Reporting — Description and Procedures — Network Operations Trouble Information System (NOTIS)
	190-401-405	1	Trouble Ticket — Description — Network Operations Trouble Information System (NOTIS)
	190-401-410	1	Operator Trouble Report Processing — Description — Network Operations Trouble Information System (NOTIS)
	190-401-415	1	Trouble Analysis — Introduction — Network Operations Trouble Information System (NOTIS)
	190-401-420	1	Trouble Analysis — Computerized Operator Trouble Report Analysis — Network Operations Trouble Information Systen (NOTIS)
	190-401-425	1	Trouble Analysis — Network Exception Reports — Network Operations Trouble Information System (NOTIS)
	190-401-430	1	Trouble Analysis — Local Maintenance, Trend, and Special Study Reports — Network Operations Trouble Information System (NOTIS)
	190-401-435	1	Trouble Analysis — Administrative Reports — Network Operations Trouble Information System (NOTIS)
	190-401-440	1	Masterfile Maintenance — Introduction — Network Operations Trouble Information System (NOTIS)
	190-401-445	1	Masterfile Maintenance — Switching Entity Definition (SED) Updates — Network Operations Trouble Information System (NOTIS)
	190-401-450	1	Masterfile Maintenance — NPA-NXX Definition Updates — Network Operations Trouble Information System (NOTIS)
	190-401-455	1	Masterfile Maintenance — Common Language Location Identification — Network Operations Trouble Information System (NOTIS)
	190-401-460	1	Masterfile Maintenance — Routing Specification List (RSL) Updates — Network Operations Trouble Information System (NOTIS)
	190-401-465	1	Masterfile Maintenance — Distribution Control File (DCF-1) Updates — Network Operations Trouble Information System (NOTIS)
	190-401-470	1	Masterfile Maintenance — Multiple Destination Request (MDR) — Network Operations Trouble Information System (NOTIS)
	190-401-475	1	Masterfile Maintenance — Operator Trunk Group (OTG) Updates — Network Operations Trouble Information System (NOTIS)
	190-401-480	1	Job Aid — Master File Error Correction — Network Operations Trouble Information System (NOTIS)
	190-401-485	1	Job Aid — Master File Error Correction — Network Operations Trouble Information System (NOTIS)
	190-401-490	1	Job Aid — Masterfile Printouts — Network Operations Trouble Information System (NOTIS)

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

190-403)

▲ ♠	190-402-000	2	94A Customer Premise System (CPS) Installation, Test and Maintenance
	190-402-100	3	94A Customer Premises System (CPS) — Descriptive Information
	190-402-200	3	94A Customer Premises System (CPS) — Identification and Preinstallation Information
	190-402-250	1	Local Storage Unit (LSU) — Maintenance Support — 94A Customer Premises System (CPS)
▲ ♠	190-403-000	1	93B Customer Premise System (CPS) — Installation, Test and Maintenance
	190-403-100	3	93B Customer Premises System — Description Information
	190-403-200	3	93B Customer Premises System — Identification and Preinstallation Information

	190-403-250	1	Maintenance Support — 93B Customer Premises System (CPS)

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

	190-510-020	1	Pollable Data Terminal No. 2A (PDT-2A) — Data Collection Requirements
	190-510-060	1	General Description — Network Design
	190-510-061	3	No. 1 — Determination of Quantities — Network Switching Engineering — Operational Support Systems
	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	EADAS 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 Sectionalizing
	190-510-211	2	EADAS Traffic Data Converter (ETDC) SD-3B213-01 — Remote Tests
	190-510-212	2	EADAS Traffic Data Converter (ETDC) — SD-3B213-01 — Tests of ETDC at ETDC Location
Add	190-510-213	1	
	190-510-213	2	Traffic Data Converter SD-3B213-01 — Trouble-Locating Procedures
	190-510-214	2	EADAS Traffic Data Converter (ETDC) SD-3B213-01 — Connection Verification Tests — Using ETDC Input Pulser SD-3B221-01
	190-510-215	2	EADAS Traffic Data Converter (ETDC) SD-3B213-01 — Connection Verification Tests — Using EADAS Test Set SD-3B220-01
	190-510-216	2	Traffic Data Converter Circuits SD-3B213-01 and SD-95968-01 — Channel Definition and Validation
	190-510-217	2	EADAS Traffic Data Converter (ETDC) SD-3B213-01 Associated With Traffic Usage Recorder (TUR) SD-95738-01 Equipped With Individual Circuit Usage Recorder (ICUR) Through Tests From EADAS Central Control Unit (CCU)
	190-510-221	1	Pollable Data Terminal No. 1A (PDT-1A) SD-3B232-01 Remote Tests
	190-510-222	1	Pollable Data Terminal No. 1A (PDT-1A) SD-2B232-01 — Tests for PDT at PDT Location
	190-510-223	1	Pollable Data Terminal (PDT-1A) SD-3B232-01 — Trouble Locating Procedures
	190-510-225	1	Pollable Data Terminal (PDT-2A) With PDT-1A Output Format Used With EADAS — Description
	190-510-226	1	Pollable Data Terminal No. 2A (PDT-2A) Operation With EADAS — Tests and Trouble Locating Procedures
	190-510-406	1	Implementation — Coordination
	190-510-410	1	Central Control Unit Operation
	[illegible]		
	190-510-412	1	Supply, Modify, and Verify System Definitions — Position Practice
	190-510-413	1	Maintain Magnetic Tape for Downstream Processing — Position Practice
	190-510-416	1	Dial Administrator Teletypewriter Operation
	190-510-418	1	System Definitions
	190-510-420	1	Surveillance Applications
	190-510-440	1	Operational Maintenance
	190-510-441	1	Operational Maintenance — System Messages Catalog
	190-510-470	1	Training Administration Guide
	190-510-471	1	Instructor's Guide — Central Control Unit Management Training
	190-510-472	1	Student Manual — Central Control Unit Management Training
	190-510-473	1	Instructor's Guide — Central Control Unit Clerical Training
	190-510-474	1	Student Manual — Central Control Unit Clerical Training
	190-510-475	1	Dial Administrator's Student Manual
	190-510-476	1	Dial Administrator's Training Monitor's Guide
	190-510-501	2	Individual Circuit Usage Recoding - General Description — No. 1
	190-510-504	1	Implementation — Job Ordering and Coordination — Individual Circuit Usage Recorder
	190-510-520	1	System Definitions — Individual Circuit Usage Recorder

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

	190-511-060	2	Load Measurement Facilities — Description and Determination of Quantities — Network Switching Engineering — Operational Support Systems
	190-511-100	1	No. 1A EADAS — 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)

	190-512-000	1	General Description — EADAS/NORGEN — Miscellaneous Systems
	190-512-005	1	NORGEN — Record Base — Management and Administration — Miscellaneous Systems

190-512-010	1	NORGEN CCU Management and Administration — Miscellaneous Systems
190-512-015	1	Network Terminal Operations
190-512-020	3	Reports for 1/1A ESS Switches — Description
190-512-021	3	Reports for 1/1A ESS Switches — Record Base, Calculation and Report Cross-Reference
190-512-022	3	Reports for No. 2/2B ESS Switches — Description
190-512-023	3	Reports for 2/2B ESS Switches — Record Base, Calculation, and Report Cross-Reference
190-512-030	3	Step-by-Step Reports — Description
190-512-031	3	Step-by-Step Reports — Record Base, Calculation, and Report Cross-Reference
190-512-032	3	Step-by-Step Pollable Data Terminal (PDT) Reports — Description
190-512-033	3	Step-by-Step Pollable Data Terminal (PDT) Reports — Record Base, Calculation, and Report Cross-Reference
190-512-034	4	No. 1 Crossbar Reports — Description
190-512-035	4	No. 1 Crossbar Reports — Record Base, Calculation, and Report Cross-Reference
190-512-036	3	Crossbar Tandem Reports — Description
190-512-037	3	Crossbar Tandem Reports — Record Base, Calculation, and Report Cross-Reference
190-512-038	4	No. 5 Crossbar Reports
190-512-039	4	No. 5 Crossbar Reports — Record Base, Calculations, and Report Cross-Reference
190-512-040	3	Trunking Reports — Description
190-512-041	3	Trunking Reports — Record Base, Calculation, and Report Cross-Reference

190-514 Small Office Network Data System (SONDS)

190-514-020	1	Pollable Data Terminal No. 2A (PDT-2A) — Data Collection Requirements
190-514-060	2	Pollable Data Terminal — 2A (PDT-2A) — Determination of Quantities
190-514-101	3	SONDS Using Pollable Data Terminal (PDT)-2A — Description and Operation
190-514-301	2	Pollable Data Terminal (PDT)-2A — Used With Small Office Network Data System (SONDS) — 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)

190-520-005	5	Operational Review — Procedures
190-520-006	1	Operational Review — Generic 9.0 Procedures
Add 190-520-007	1	
190-520-007	2	Dedicated Inside Plant (DIP) Administration—Guidelines
190-520-010	1	Overview and System Reports — Telephone Number Management — Network Administration
190-520-011	2	Telephone Number Aging — Telephone Number Management — Network Administration
190-520-013	2	Type and Status Changes — Telephone Number Management — Network Administration
190-520-015	1	Complex Service Order Assignment — Step-By-Step Telephone Number Management — Network Administration
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 — Network Administration
190-520-030	1	Overview and System Reports — Line Equipment Management — Network Administration
190-520-032	1	Entity Loading — Line Equipment Management — Network Administration
190-520-034	1	Line Equipment Transfers — Line Equipment Management — Network Administration
190-520-035	1	Assignments — Complex Service Orders — Line Equipment Management — Network Administration
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201-505-503 1 No. 1 and 1B Announcement Systems — Time of Day Service — Outgoing Distributing Circuits — Tests

201-505-504 2 No. 1 and 1B Announcement Systems — Time of Day Service — Announcement Trunk Circuits — Tests

201-507-501 1 No. 3A Announcement System — Control, Volume Limit Indicator and Tape Amplifier Circuits — Tests

201-507-502 1 No. 3A Announcement System — Control Circuit — Subcenter — Tests

201-507-503 1 No. 3A Announcement System — Trunk Circuits and Associated Distributing Circuits — Tests

201-508-501 2 No. 4A, 6A, and 9A Announcement System Subcenter — Distributing and Alarm Circuits — Tests

201-509-501 2 No. 4A Announcement System — Distributing and Alarm Circuits — Tests — Common Systems

201-509-502 1 No. 4A Announcement System — Announcement Trunks — Tests

201-511-101 1 5A Announcement System — General Description

201-511-301 1 5A Announcement System — Operation

201-511-501 4 5A Announcement System — Tests

201-513-501 4 Machine Intercepting Control Circuit — Tests — No. 6A Announcement System

201-513-502 1 No. 6A Announcement System — Machine Intercepting — Distributing and Alarm Circuit — Tests

201-515-501 2 8A and 9A Announcement Systems — Tests

201-517-501 1 11A Announcement System — Tests

201-518-101 2 12A Announcement System SD-26435-01 — Description, Operation, and Maintenance — Common Systems

201-519-101 2 13A Announcement System SD-97753-01 — Description — Common Systems

201-519-301 2 13A Announcement System SD-97753-01 — Operating, Testing, and Trouble Analysis Procedures — Common Systems

201-520-101 5 Common Systems — Recorded Announcement Frame (CSRA) — SD-97725-01, SD-97725-02, SD-97725-03, and SD-97725-04

201-520-301 4 Common Systems Recorded Announcement Frames — SD-97725-01, SD-97725-02, and SD-97725-03 — Operating Procedures

201-520-501 3 Common Systems — Recorded Announcement Frame (CSRAF) — SD-97725-01 and SD-97725-02 — Tests and Trouble Analysis

201-520-701 4 Common Systems Recorded Announcement Frame — SD-97725-01, SD-97725-02, SD-97725-03, and SD-97725-04 — Requirements and Adjusting Procedures

201-520-801 5 Common Systems Recorded Announcement Frames — SD-97725-01, SD-97725-02, and SD-97725-03 — Piece-Part Data and Replacement Procedures

201-570-501 1 5A Timer — Tests

201-576-501 3 400A Tone Generator — (Receiver Off-Hook Tone) — Tests

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

201-601-101 3 Emergency Alarm Circuits — Description

201-601-501 2 Emergency Alarm System SD-90642-01 — Separate Incoming Alarm From Distant Office — Tests

201-601-502 4 Emergency Alarm Circuit SD-90641-01 or SD-96052-01 Arranged for Automatic Fire Detection — Single Zone — Tests

201-601-503 6 Emergency Alarm Circuit SD-90560-01 or SD-96049-01 Arranged for Zone Indicating Lamps and Automatic Fire Detection — Multi-Zone — Tests

201-601-504 3 Emergency Alarm Circuit SD-90437-01 — Arranged for Code Signaling and Automatic Fire Detection — Tests

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

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

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

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

201-610-301 3 Cable Pressure Telemetry — Central Control — Description and Operation — Toll Cable Pressure Transducer System

201-610-302 1 Cable Pressure Telemetry — Central Control and Cable/Transducers — Trouble Locating Procedures

201-610-311 3 Cable Pressure Telemetry — KS-20537, L1 Moduprinter and AP-20 Printer — Description, Operation, and Maintenance

201-610-501 5 Cable Pressure Telemetry — Central Control — Test and Trouble Analysis Procedures

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

201-612-101 3 Cable Pressure Monitoring System (CPMS) — 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 — Cable Pressure Monitoring System (CPMS)

201-612-302 3 Cable Pressure Monitoring System (CPMS) — Remote Terminal SD-7C000-01 — Cross-Connections

201-612-311 4 Cable Pressure Monitoring System — Satellite Terminal SD-2P035-01 — Trouble Locating Procedures

201-612-312 2 Cable Pressure Monitoring System (CPMS) — Satellite Terminal SD-2P035-01 — Cross-Connections

201-612-313 1 Cable Pressure Monitoring System (CPMS)— Remote Terminal Test Set (J1C013AD, L1)— Description and Operations

201-613-501 2 Cable Protection Alarm and Calling-In Signal Circuit SD-55211-01 — Tests

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

201-630-010 2 B1 Alarm Indicator Record Forms — Description

201-630-101 1 B1 Alarm and Control System — Description

201-630-301 4 B1 Alarm and Control System — Method of Operation

	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
Add	201-833-501	1	
	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	ROTL Control Panel — Description and Operation — Common Systems
	201-838-701	1	Remote Office Test Line (ROTL) Control Panel — E6 Repeater Adjustment
Add	201-840-501	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
Add	201-842-100	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
Add	201-850-512	1	
	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

	201-900-010	2	No. 1 Automatic Message Accounting Recording Center (AMARC) — Operation, Maintenance, and Management
	201-900-030	2	No. 1A Automatic Message Accounting Recording Center — Introduction to Nongeneric Parameter Data (NPD) and Instructions for Preparation of NPD Forms for Generics 3 and 4
	201-900-031	2	No. 1A Automatic Message Accounting Recording Center — Reproducible Nongeneric Parameter Data (NPD) Forms for Generics 3 and 4
Add	201-900-032	1	
	201-900-032	1	No. 1A Automatic Message Accounting Recording Center — Call Data Accumulator (CDA) Translations for No. 1A AMARC, Generic 3
	201-900-033	2	No. 1A Automatic Message Accounting Recording Center (AMARC) — Billing Data Transmitter (BDT) Translations for Generics 3 and 4
	201-900-034	2	No. 1A Automatic Message Accounting Recording Center — No. 3 ESS Sensor Translations for Generics 3 and 4
	201-900-035	2	No. 1A Automatic Message Accounting Recording Center — Call Data Transmitter (CDT) Translations for Generics 3 and 4

Add 201-900-036 2
201-900-036 1 No. 1A Automated Message Accounting Recording Center — No. 5 Electronic Tandem Switching and Voice Storage System Translations for Generics 3 and 4

Add 201-900-037 1
201-900-037 1 No. 1A Automatic Message Accounting Recording Center — No. 2B and No. 5 Electronic Switching Systems — Translations for Generic 4

201-900-050 2 Introduction to Nongeneric Parameter Data (NPD) — Required for No. 1 and 1A AMARC

201-900-051 2 Physical Description of No. 1 AMARC

201-900-052 2 Description of Nongeneric Parameter Data (NPD) Tables — No. 1 AMARC

201-900-053 2 Call Data Accumulator (CDA) Translations for No. 1 AMARC

201-900-054 2 Billing Data Transmitter (BDT) Translations for No. 1 AMARC

201-900-055 2 Preparation of Nongeneric Parameter Data (NPD) Forms — No. 1 AMARC — General

201-900-056 2 Preparation of Nongeneric Parameter Data (NPD) Forms — Common Parameters — No. 1 AMARC

201-900-057 2 Preparation of Nongeneric Parameter Data (NPD) Entity Parameters — No. 1 AMARC

201-900-058 2 Preparation of Nongeneric Parameter Data (NPD) Forms — Channel Parameters — No. 1 AMARC

201-900-059 2 Preparation of Nongeneric Parameter Data (NPD) Forms — Special Number Parameters — No. 1 — AMARC

201-900-060 2 Reproducible Nongeneric Parameter Data (NPD) Forms — No. 1 Automatic Message Accounting Recording Center

201-900-061 2 Nongeneric Parameter Data — No. 1 AMARC Dump Messages

201-900-062 2 Nongeneric Parameter Data (NPD) — Other No. 1 AMARC Administrative Records

201-900-063 2 No. 1 Automatic Message Accounting Recording Center Administrative Considerations for Growth and Rearrangements

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 of the No. 1A AMARC-Generic 2 — Supplemental Information — Central Offices

201-900-072 1 Description of Nongeneric Parameter Data (NPD) Tables — No. 1A AMARC — Generic 2

201-900-073 1 Call Data Accumulator (CDA) Translations for No. 1A AMARC

201-900-074 1 Billing Data Transmitter (BDT) Translations for No. 1A AMARC

201-900-075 1 Preparation of Nongeneric Parameter Data (NPD) Forms — No. 1A AMARC — General

201-900-076 1 Preparation of Nongeneric Parameter Data (NPD) Forms — Common Parameters — Generic 2 — Supplemental Information — Central Offices

201-900-077 1 Preparation of Nongeneric Parameter Data (NPD) Entity Parameters — No. 1A AMARC — Generic 2

201-900-078 1 Preparation of Nongeneric Parameter Data (NPD) Forms — Channel Parameters — No. 1A AMARC

201-900-079 1 Preparation of Nongeneric Parameter Data (NPD) Forms — Special Number Parameters — No. 1 AMARC

201-900-080 1 Reproducible Nongeneric Parameter Data (NPD) Forms — No. 1A Automatic Message Accounting Recording Center — Generic 2

201-900-081 1 Nongeneric Parameter Data — No. 1A AMARC Dump Messages

201-900-082 1 Nongeneric Parameter Data (NPD) — Other No. 1A AMARC Administrative Records

201-900-083 1 Administrative Considerations for Growth and Rearrangements

201-900-084 1 No. 3 ESS Terminal Translations for No. 1A AMARC

201-900-101 2 No. 1 Automatic Message Accounting Recording Center (AMARC) — Description

201-900-102 2 230A Repeater SD-5P001-01 — No. 1 and No. 1A Automatic Message Accounting Recording Center (AMARC)

201-900-103 2 Description — Generics 1, 2, and 3

201-900-104 1 No. 1A Automatic Message Accounting Recording Center — Generic 4 Description

201-900-300 2 Software Growth Procedures — No. 1 Automatic Message Accounting — Recording Center (AMARC)

201-900-301 2 Routine Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-302 2 Operating Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC) — Generic 3, 4, and 5

201-900-303 2 Emergency Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-304 2 Fault Isolation Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-305 3 Date and Time Change Procedures — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-306 3 Data Set Interface and Auxiliary Functions (DSIAF) Diagnostics — Loading Procedure and Interpretation — No. 1 Automatic Message Accounting Recording Center (AMARC)

201-900-307 3 Nongeneric Parameter Data Procedures — No. 1 Automatic Message Accounting Recording Center (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 Automatic Message Accounting Recording Center (AMARC)

201-900-310 2 Operator Analysis of BDT Channel Troubles — No. 1 and No. 1A Automatic Message Accounting Recording Center (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 Automatic Message Accounting Recording Center (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 Automatic Message — Accounting Recording Center (AMARC)

201-900-321 2 Routine Procedures for Generics 2 and 3 — No. 1A Automatic Message Accounting Recording Center (AMARC)

201-900-322 2 Operating Procedures for Generics 2 and 3 — No. 1A Automatic Message Accounting Recording Center (AMARC)

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

Add 201-900-330 2
201-900-330 1 RP06 Disk — Description and Operating Procedures — No. 1A Automatic Message Accounting Recording Center (AMARC)

Add 201-900-331 1
201-900-331 1 Diagnostic Loading Procedure — No. 1A Automatic Message Accounting Recording Center (AMARC) Generic 3

201-900-340 1 No. 1 AMARC — Acceptance Tests — Generic 3

201-900-610 2 Common Systems — Network Switching Engineering — No. 1A Automatic Message Accounting Recording Center (Generic 2)

201-900-611 1 Common Systems — Network Switching Engineering — No. 1A Automatic Message Accounting Recording Center (Generic 3)

201-900-612 1 Common Systems — Network Switching Engineering — No. 1A Automatic Message Accounting Recording Center (Generic 4)

201-900-700 1 Billing Systems — Prebilling Failure Performance Reporting — Message Billing Failure Processing

201-901 BDT

Add 201-901-101 1
201-901-101 3 Billing Data Transmitter (BDT) — Description

201-901-301 4 Billing Data Transmitter (BDT) — Trouble Sectionalizing

201-901-302 3 Central Office AMA Equipment With Billing Data Transmitter (BDT) — Precautionary Measures — Common Systems

Add 201-901-501 2
201-901-501 2 Recorder and Recorder Connector Circuit SD-25872-01 — Operation Tests for Offices Equipped With Billing Data Transmitters

Add 201-901-502 1
201-901-502 4 Billing Data Transmitter (BDT) — Acceptance Tests

201-902 CAMA-C

201-902-010 2 Centralized Automatic Message Accounting - Computerized (CAMA-C) — Operation, Maintenance, and Management — No. 4 Crossbar and Crossbar Tandem Offices

201-902-101 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Description Information — 4A, 4M Toll, and Crossbar Tandem Offices

201-902-200 1 Centralized Automatic Accounting — Computerized (CAMA-C) Line and Trunk Administration 4A, 4M, and Crossbar Tandem Offices

Add 201-902-301 1
201-902-301 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Emergency Action Procedures — 4A, 4M Toll, and Crossbar Tandem Offices

201-902-302 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Multiplexor/Scanner Trouble Locating and Test

Add 201-902-303 1
201-902-303 2 Centralized Automatic Message Accounting (CAMA-C) — Recent Change Procedures — 4A, 4M Toll and Crossbar Tandem Offices

201-902-304 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) Hourly and Daily Maintenance Reports — Procedures and Message Interpretation — 4A, 4M Toll and Crossbar Tandem Offices

201-902-305 2 Centralized Automatic Message Accounting-Computerized (CAMA-C) — Time Change Procedures

201-902-306 3 Centralized Automatic Message Accounting (CAMA-C) — Generic Program Overwrites and Application of Broadcast Warning Change Notices — 4A, 4M Toll and Crossbar Tandem Offices

201-902-307 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Disk Handling Procedures

201-902-308 2 Centralized Automatic Message Accounting-Computerized (CAMA-C) — Remote Teletypewriter — Description, Operation, and Maintenance — 4A, 4M Toll and Crossbar Tandem Offices

201-902-309 3 Centralized Automatic Message Accounting-Computerized (CAMA-C) — Monitoring Tests — 4A, 4M Toll, and Crossbar Tandem Offices

Add 201-902-310 2
201-902-310 2 Centralized Automatic Message Accounting (CAMA-C) — Program Loading Procedures — 4A, 4M Toll and Crossbar Tandem Offices

201-902-501 4 Centralized Automatic Message Accounting — Computerized (CAMA-C) — Routine Tests and Operations — 4A, 4M Toll and Crossbar Tandem Offices

201-902-502 2 Centralized Automatic Message Accounting — Computerized (CAMA-C) Recorder and Recorder Connection Circuit SD-25872-01 Tests — 4A, 4M Toll and Crossbar Tandem

201-902-503 2 Centralized Automatic Message Accounting-Computerized (CAMA-C) — Equipped With ANIS or MECCA Feature Tests — 4A, 4M Toll and Crossbar Tandem Offices

201-903 HOBIS

Add 201-903-101 1
201-903-101 2 Hotel Billing Information System (HOBIS) — Description for Generic 1

201-903-102 1 Hotel Billing Information System/Centralized Credit — Refund System (HOBIS/CCRS) — Description for Generic 2

201-903-301 4 Hotel Billing Information System/Centralized Credit Refund System (HOBIS/CCRS) — Emergency Action and Restoration Procedures for Generics 1 and 2

201-903-302 4 Hotel Billing Information System/Centralized Credit Refund System (HOBIS/CCRS) — Routine Operating Procedures for Generics 1 and 2

201-903-303 2 Hotel Billing Information System/Centralized Credit — Refund System (HOBIS/CCRS) — Trouble Sectionalizing for Generics 1 and 2

201-903-501 1 No. 1 Hotel Billing Information System (HOBIS) — Maintenance Test Procedures

201-903-503 2 Hotel Billing Information System/Centralized Credit — Refund System (HOBIS/CCRS) — Acceptance Tests for Generic 2

DIVISION 205 — AUTOMATIC DATA TEST CIRCUITS

205-0 Indexes and Equipment Test Lists
-1 Automatic Data Test Circuits

205-0 INDEXES AND EQUIPMENT TEST LISTS

♠ 205-000-000 11 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

Add 205-102-301 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 — SERVICE OBSERVING, AND PLANT AND TRAFFIC DESKS

210-0 Indexes and Equipment Test Lists
-1 Service Observing Desks

210-0 INDEXES AND EQUIPMENT TEST LISTS

♠ 210-000-000 58 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

Add 210-118-502 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 OFFICES — NO. 1, 3, 5, AND 6 TOLL SWITCHBOARDS AND NO. 6A TELETYPEWRITER SWITCHBOARDS

211-0 Indexes, Equipment Test Lists, and Administrative Practices
-1 Common to More Than One Toll Office or Toll Switchboard
-2 No. 1 Toll Offices and Toll Switchboards
-3 No. 3 Toll Offices and Toll Switchboards
-4 No. 5 Toll Switchboards
-5 No. 6 Toll Switchboards
-8 6A Teletypewriter Switchboard

211-0 INDEXES, EQUIPMENT TEST LISTS, AND ADMINISTRATIVE PRACTICES

♠ 211-000-000 28 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

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212-100-005	1	Introduction
212-100-006	1	Common Channel Interoffice Signaling Pass Along Feature — Description and Operation
212-100-015	1	Electromechanical — Card Translator System — Description
212-100-020	1	Electronic Translator System — General Description
212-100-025	1	Electronic Translator System — Peripheral Bus Computer — Description
212-100-030	1	Electronic Translator System — Common Channel Interoffice Signaling
212-101-010	2	Taking Equipment Out of Service — Major Units of Equipment
212-101-020	4	Trouble Recorder Frame — Description — No. 4A and 4M Toll Switching Systems
212-101-501	7	Decoder-Marker Test and Trouble Recorder Circuit — Transverter Group Trouble Recorder Connector Circuit — Tests
212-103-501	9	Marker — Tests Using the Decoder-Marker Test and Trouble Recorder Circuit — Not Having Common Channel Interoffice Signaling
212-103-502	12	Marker — Miscellaneous Test
212-103-503	3	Marker — Test Using the Decode-Marker Test and Trouble Recorder Circuit — Common Channel Interoffice Signaling
212-106-501	5	Frame Identification Frequency Supply Test Set SD-68190-01 — Tests

212-107-501 5 Frame Identification Frequency Supply Circuit, SD-68119-01 — Tests

Add 212-107-502 1
212-107-502 2 Frame Identification Frequency Supply Circuit SD-68119-01 — Miscellaneous Tests

212-108-501 3 Frame Identification Detectors of Markers SD-68388-01 — Tests

Add 212-109-501 1
212-109-501 6 Frame Identification Frequency Supply and Control Circuit SD-68963-01 — Miscellaneous Tests

212-110-501 1 480-Hz Test Tone

212-112-501 1 Common Channel Interoffice Signaling Transceiver — Trouble-Locating Procedures

Add 212-115-501 1
212-115-501 5 Decoder — Tests Using the Decoder Marker Test and Trouble Recorder Circuit

Add 212-115-502 1
212-115-502 6 Decoders — Miscellaneous Tests

212-120-101 1 1-Type Translator (Card Translator) — Description — No. 4 Type Switching System

Add 212-120-301 2
212-120-301 5 Translator Card Template — Preparation

Add 212-120-501 2
212-120-501 4 Card Translator — Tests Using Card Translator Test Set SD-68458-01 (J67453A)

Add 212-120-502 1
212-120-502 5 Card Translator — Tests — Using Trouble Recorder Frame

212-2 SENDERS, REGISTERS, AND ASSOCIATED EQUIPMENT

212-201-301 4 Method of Tracing Stuck Sender Connections

212-202-301 2 Supplementary Procedure for Detecting Trouble Beyond the Toll Switching Trunk

212-203-501 6 Sender Attachment Delay Recorder — Test

212-204-501 5 Sender Traffic Control Circuit SD-68455-01 — Tests

212-205-101 4 Sender Make-Busy Frame — Description — No. 4A Toll Switching Offices

212-210-101 2 Incoming Sender Test Frame — Description — No. 4A Toll Switching Offices

212-210-501 5 Incoming Sender Test Frame — SD-68226-01 — Tests

Add 212-212-501 2
212-212-501 6 Incoming Senders and Multifrequency Receivers — Tests Using Automatic Sender Test Frame SD-68226-01 — No. 4A Toll Switching System

212-212-502 6 Incoming Senders and Multifrequency Receivers — Tests Using Automatic Sender Test Frame SD-68226-01 — No. 4M Toll Switching System

212-214-101 2 Incoming Sender and Register Test Frame — Description

212-214-301 3 Automated Incoming Sender Register Test Frame SD-68491-01 — Method of Operation and Trouble Analysis Procedures in a 4A Toll Switching System

212-214-501 6 Incoming Sender and Register Test Frame SD-68491-01 — Tests

212-214-502 2 Automated Incoming Sender and Register Test Frame — SD-68491-01 Self-Check Tests in the 4A Toll Switching System

Add 212-216-501 1
212-216-501 8 Incoming and CAMA Senders Tests Using the Nonautomated Incoming Sender and Register Test Frame SD-68491-01

212-216-502 1 Incoming Senders, Sender Outpulsers, Outpulsers, Tests Using the Automated Incoming Sender and Register Test Frame SD-68491-01

212-217-501 6 Incoming Dial Pulse Register — Tests — Using Nonautomated and/or Automated Incoming Sender and Register Test Frame SD-68491-01

212-218-101 2 Outgoing Sender Test Frame — Description — No. 4A Toll Switching Offices

212-218-501 3 Outgoing Revertive and PCI Sender Test Frame SD-68372-01 — Tests — No. 4A Toll Switching System

212-220-501 3 Outgoing Senders — Tests Using Automatic Outgoing Sender Test Frame — No. 4A Toll Switching System

212-222-501 2 Outgoing Sender Test Frame SD-68075-01 — Tests — No. 4M Toll Switching System

212-224-501 4 Outgoing Senders — Tests Using Sender Test Circuit SD-68075-01 — No. 4M Toll Switching Systems

Add 212-226-501 1
212-226-501 2 Overseas Sender SD-68551-01 — Tests Using Automatic Sender Test Frame SD-68226-01

Add 212-226-502 1
212-226-502 3 Overseas Sender — Tests — Using Automatic Incoming Sender and Register — Test Frame SD-68491-01

212-228-101 1 Common Channel Interoffice Signaling — Sender Sender/Outpulser, or Outpulser, SD-68575-01 — Description — No. 4A Toll Switching System

212-3 CONNECTORS, LINKS, CONTROLLERS, ALARMS, AND PLANT AND TRAFFIC REGISTERS

212-301-300 1 Automatic Trouble Analysis — Trouble Reference Guide — Schematic Drawing Issue Index for 4A Toll Switching System With Common Channel Interoffice Signaling

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
	212-301-304	1	Automatic Trouble Analysis — Trouble Reference Guide — Decoder Channel Linked to Marker Troubles for 4A Toll Switching System With Common Channel Interoffice Signaling
	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
	212-301-307	1	Automatic Trouble Analysis — Trouble Reference Guide — Outpulser Link Controller Troubles for 4A Toll Switching Systems With Common Channel Interoffice Signaling
	212-301-308	1	Automatic Trouble Analysis — Trouble Reference Guide — Register Link Alarm Troubles for 4A Toll Switching Systems With Common Channel Interoffice Signaling
	212-301-309	1	Automatic Trouble Analysis — Trouble Reference Guide — Transverter and Transverter Linked to Recorder Troubles for 4A Toll Switching Systems With Common Channel Interoffice Signaling
	212-301-310	1	Automatic Trouble Analysis — Trouble Reference Guide — Recorder Troubles for 4A Toll Switching Systems
	212-301-501	9	Decoder Connectors — Tests
Add	212-303-501	1	
	212-303-501	8	Marker Connectors — Tests
	212-305-501	3	Translator Connectors — Tests
	212-307-501	7	Manual Test of Trunk Block Connector
	212-309-501	9	Controller Connectors — Tests
	212-311-501	9	Link Controller — Tests
	212-311-502	1	Outpulser Link Controller — Miscellaneous Tests Using Outpulser Link Controller — Test Circuit SD-68728-01
	212-311-503	2	Outpulser Link Controller — Test Frame SD-68728-01 — Tests
	212-313-501	6	Sender Link and Connector Circuits — Tests
	212-313-502	1	Outpulser Link Circuit SD-68700-01 — Tests — No. 4A Toll Switching System
Add	212-315-501	1	
	212-315-501	11	Incoming Link and Connector — SD-68393-01 and SD-68020-01 Tests
	212-315-502	2	Incoming Link and Connector SD-68643-01 — Tests
	212-317-501	10	Outgoing Link and Connector SD-68022-01 and SD-68394-01 — Tests
	212-317-502	3	Outgoing Link and Connector SD-68644-01 — Tests
	212-319-501	4	Incoming Register Link — Miscellaneous Tests
	212-321-301	2	Auxiliary Recording Control — Method of Operation
Add	212-321-501	1	
	212-321-501	3	Auxiliary Recording Control Circuit — Tests
	212-330-101	2	Software Carrier Group Alarm — Description and Operation — No. 4A Toll Switching System
	212-330-301	4	Fuse Alarm Procedure
	212-330-501	10	Fuse Alarms — Tests
	212-335-501	4	Interrupter Frames — Motor Stop and Low-Voltage Alarms — Tests
	212-340-501	7	Traffic Registers — Tests
	212-342-501	8	Plant Registers — Tests

212-4 DYNAMIC LOAD CONTROL EQUIPMENT

	212-401-101	1	Noncoincident Busy Hour Routing — Description and Operation
	212-401-501	6	Traffic Control Circuit — Tests
	212-403-501	5	Queue Indicator — Tests
★	212-409-501	3	Network Control Circuit SD-68604-01 — Tests

212-5 TRUNKS AND TRUNK TESTING EQUIPMENT

	212-500-010	1	Equipment and Trunk Record Cards
	212-501-101	2	Test and Make-Busy Jack Bay — SD-68203-01 — Description
	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
	212-503-501	6	Automatic Transmission Test and Control Circuit SD-68446-01 and Associated Amplifiers and Amplifier-Rectifier — Tests and Adjustments
	212-505-101	3	Automatic Outgoing Intertoll Trunk — Test Circuit (AOIT) and Associated Teletypewriter — Description
	212-505-301	2	Automatic Outgoing Intertoll — Trunk Test Frame — Cross Connections

212-505-501 4 Automatic Outgoing Intertoll Trunk Test Frame — Tests

212-507-501 7 Automatic Outgoing Toll — Connecting Trunk Test Circuits — SD-68373-01 and SD-68076-01

212-509-301 2 Automatic Outgoing Toll Connecting Trunk Test Frame SD-68076-01 — Cross Connections — No. 4M Toll Switching System

212-511-101 3 Automatic Outgoing Toll Connecting Trunk Test and Connector Frames — Description — No. 4A Toll Switching Offices

212-511-301 2 Automatic Outgoing Toll Connecting Trunk Test Frame SD-68373-01 — Cross Connections

212-512-101 4 Automatic Outgoing Trunk Test Frame SD-68580-01 — Description

212-512-301 3 Automatic Outgoing Trunk Test Frame SD-68580-01 — Compiling Data for Control Tapes

212-512-302 3 Automatic Outgoing Trunk Test Frame SD-68580-01 — Control Tape Preparation

212-512-501 4 Automatic Outgoing Trunk Test Circuit SD-68580-01 — Tests

212-512-502 4 Teletypewriter Test and Control Circuit SD-68584-01 for AOTT or AOOT Test Frames — Tests

212-512-701 1 Automatic Outgoing Trunk Test — Circuit SD-68580-01 — Built-Out Resistor Assembly Adjustment

212-513-501 5 CAMA Incoming Trunk Test Circuit — Tests

212-513-502 1 Signaling Analysis Connector Frame SD-68768-01 — Tests

212-514-101 3 Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Description

212-514-105 2 Common Control Interoffice Signaling — Intraoffice Trunk Test Frame SD-68744-01 — Description

212-514-301 3 Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Compiling Data for Control Card Preparation

212-514-302 3 Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Control Card Preparation

212-514-303 2 Automatically Directed Outgoing Intertoll Trunk Test Frame SD-68588-01 — Arrangement of Input Control Card Deck

Add 212-514-501 1

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

212-514-701 3 Automatically Directed Outgoing Intertoll Trunk Test Circuit SD-68588-01 — Build-Out Resistor Assembly Adjustment

212-516-501 1 Data Converter Interim Test Circuit — SD-71062-01 — Tests

212-517-101 4 Manual Test Frame SD-68587-01 Description

212-517-501 3 Manual Test Frame — Circuit SD-68587-01 — Tests

212-517-701 2 Manual Test Frame SD-68587-01 — Amplifier Adjustment and Compensation for Access Loss

212-518-101 2 Miniature Printed Wiring Board — Plug-In Trunk Frame SD-68755-01 — Description — No. 4A Toll Switching System

212-522-501 4 Outgoing Trunk Identification Circuit — Tests

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
	212-566-501	7	Toll Switching, TX, and Miscellaneous Outgoing Trunks Arranged for MFP, RP, DP, CI, or CA Operation — Tests Using Test Circuit SD-68076-01 or SD-68373-01
Add	212-566-502	1	
	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-68373-01
	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 Cicuit SD-68580-01
Add	212-566-505	1	
	212-566-505	1	Miscellaneous Manual — Operational Tests of Outgoing Trunks Using Trunk Test Circuit SD-68580-01
	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
Add	212-567-501	1	
	212-567-501	1	Toll Switching Trunks — Operational Tests — Using Manual Test Frame SD-68587-01
	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
Add	212-568-501	1	
	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
	212-571-502	2	Intertoll Trunks — Transmission Tests Using Intertoll or Integrated Manual Test Frame SD-99604-01
	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
	212-571-505	3	Toll Switching Trunks — Transmission Tests — Using Integrated Manual Test Frame SD-99604-01
	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
	212-580-502	2	Two-Way Intertoll Plug-In Trunk Circuit — Tests — Using Test Circuit SD-68359-01 and SD-68755-01
	212-582-501	4	2-Way Overseas Trunk, Circuit and Associated Assistance Trunk Circuits — Tests Using Test Set Circuit SD-68359-01
	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

Add 212-712-503 1
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

212-720-301 2 Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service

212-720-302 4 Master Timing Circuit SD-25633-01 — Methods of Handling Alarms

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

Add 212-730-501 1
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

Add 212-735-502 1
212-735-502 2 Transverter — Miscellaneous Tests

212-736-501 2 Trunk Class Translator Circuit — Tests

Add 212-737-501 1
212-737-501 2 Transverter Connector

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

212-750-501 4 Call Identity Indexer Circuit SD-25621-01 — Tests

212-760-501 5 CAMA Incoming Trunks — Tests Using CAMA Incoming Trunk Test Circuit

212-8 ELECTRONIC TRANSLATOR

★ 212-800-100 6 General Maintenance Information — Electronic Translation Office

212-800-101 1 Diagnostic Program Organization and Language In a 4A Toll Switching System — Common Channel Interoffice Signaling Office

212-801-101 2 Peripheral Scanner — Description

212-801-501 4 Peripheral Scanner — Tests

212-801-801 1 Ferrod Sensors — Replacement Procedures

Add 212-802-301 1
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
	212-812-303	1	Change Message Magnetic Tape Preparation
	212-814-301	3	Data Table — Memory Change Procedures — With PBC for Non-CCIS and CCIS Offices
	212-816-501	2	ETS Data Verification
	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
★	212-820-302	3	Recovery From Catastrophic Troubles Using Dead Start Procedures — No. 4A Toll Switching System
	212-820-304	2	Emergency Recovery Flowchart — 4A Toll Switching System
	212-822-101	2	Traffic Data Transmitter Circuit — Description
★	212-822-301	2	Traffic Measurement
	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
★	212-825-101	1	Output Circuits — Description
	212-826-301	4	System Evaluation Procedures — With Electronic Translator System
	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
	212-826-304	1	Common Channel Interoffice Signaling — Network Routing Description and Tests
★	212-827-101	1	General Growth Description
★	212-827-102	2	General Growth Description — 4A Toll Switching Offices Converted to Common Channel Interoffice Signaling
	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
	212-827-304	1	Signal Transfer Point — Conversion — No. 4A Electronic Translator CCIS Office — To Stored Program Control (SPC) CCIS Office
	212-830-301	3	Maintenance and Traffic Teletypewriters and DATASPEED® 40 Station — Operating Procedures
	212-830-302	1	Use of the ETS Channel 10 Teletypewriter for DEC® Diagnostic Programs on the PBC
	212-840-101	6	Peripheral Bus Computer — Used in an Office Equipped for Electronic Translator System or Signal Transfer Point Operation — Description
	212-840-102	3	AC Bus Repeater and Bus to Bus Access Circuit Used With the Peripheral Bus Computer — Description
	212-840-103	3	Traffic Data Converter and Access Circuit Used With the Peripheral Bus Computer — Description
	212-840-104	1	Distributor, Scanner, and Bus Converter Access Circuit Used With the Peripheral Bus Computer — Description
Add	212-840-105	1	
	212-840-105	1	Traffic Usage Facilities Using Peripheral Bus Computer — Description and Method of Operation
	212-840-106	4	Peripheral Bus Computer — Used in a Common Channel Interoffice Signaling Switching Office — Description
	212-840-107	2	Peripheral Bus Computer — System Integrity — No. 4A
	212-840-108	3	Maintenance Reports From Peripheral Bus Computer — No. 4A/4M Toll Switching System — Description
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	218-232-517	3	Traffic Registers — Part 16 — Tests Using Master Test Frame
Add	218-232-519	1	
	218-232-519	2	Traffic Registers — Part 17 — Tests Using Master Test Frame
Add	218-232-520	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
	218-232-522	3	Traffic Registers — Part 20 — Tests Using Master Test Frame
Add	218-232-523	1	
	218-232-523	1	Traffic Registers — Part 21 — Tests Using Master Test Frame
Add	218-232-525	1	
	218-232-525	3	Traffic Registers — Part 22 — Tests Using Master Test Frame
Add	218-232-527	1	
	218-232-527	2	Traffic Registers — Part 23 — Tests Using Master Test Frame
Add	218-232-530	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
Add	218-233-501	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
Add	218-233-503	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
Add	218-233-508	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
Add	218-233-517	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
	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
Add	218-251-501	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 3CI 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 3CI 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 3CI 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
Add	218-268-501	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
	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
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 (TSPI 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

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
Add 218-327-501	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
Add 218-329-501	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
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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 4 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

Add 218-346-502 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

Add 218-352-501 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

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 I Centrex

218-4) OFFICES WITH OFFICE TEST FRAME
218-5)

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)

Add 218-404-500 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

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)

Add 218-411-501 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

Add 218-420-501 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)

Add 218-422-501 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)

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)
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	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)
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	218-439-501	2	Dial Pulse Incoming Registers
Add	218-440-501	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
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	218-444-501	3	Multifrequency Incoming Register SD-26042-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
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	218-450-501	2	Outgoing Dial Pulse Senders
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	218-451-501	3	Outgoing Dial Pulse Sender SD-26050-01 — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Add	218-456-501	2	
	218-456-501	3	Multifrequency Outgoing Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (H-595-950)
Add	218-457-501	1	
	218-457-501	5	Multifrequency Outgoing Senders — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
	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
Add	218-461-501	1	
	218-461-501	2	Outgoing Sender Connector and Outgoing Sender Link Circuits — Tests Using Office Test Frame Test Circuit SD-27633-01 (J23260)
Add	218-461-502	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
Add	218-471-501	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
Add	218-476-502	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)
	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
Add	218-531-501	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)
	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
Add	218-567-501	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
	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
Add	218-583-501	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

Add	218-600-501	1	
	218-600-501	3	Marker Circuit SD-27840-01 — Tests Using Master Test Frame
	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
Add	218-602-505	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
	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
	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
	218-605-502	2	Sequential Gate Control Circuit SD-27972-01 — Tests
	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
	218-652-501	2	Wideband Junction Switch Group Marker Lockout Circuit — Tests
	218-654-501	1	Video Supervisory Signal Supply Circuit SD-27909-01 Associated with Wideband Link Circuit SD-27901-01 — Tests
	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
Add	218-663-501	1	
	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) SECTIONS NOT REQUIRING USE OF MASTER TEST FRAME OR OFFICE TEST FRAME

218-8)

218-700-301 2 Molded Covers Per ED-26560-01 — Mounting and Removing

Add 218-701-301 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

Add 218-702-302 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

Add 218-721-501 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 Translator — Verification of Code Cross Connections

218-725-501 3 Foreign Area Translator Connectors — Tests

Add 218-726-301 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

Add 218-730-501 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

Add 218-734-501 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

218-743-101 1 Remote Office Test Line Arrangement — Descriptive Information

218-743-102 3 Expanded Remote Office Test Line (ROTL) — Operation With Centralized Automatic Reporting on Trunks (CAROT) — General Description — No. 5 Crossbar Offices

218-743-103 2 Mini Remote Office Test Line (Mini-ROTL) — 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 1 Enhanced Operational Trunk Testing/Remote Trunk Make-Busy (EOTT/RTMB) 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 1 Expanded Remote Office Test Line — Equipped With Pollable Data Terminal No. 2A — Acceptance Tests — 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 3 Mini-Remote Office Test Line (Mini-ROTL) Acceptance Tests and Trouble-Clearing Procedures — No. 5 Crossbar Offices

218-743-504 1 Enhanced Operational Trunk Test/Remote Trunk Make-Busy (EOTT/RTMB) 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

218-743-510 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 1 Expanded Remote Office Test Line — Equipped With Pollable Data Terminal No. 2A — Priming and Error Information Using 92A Control Unit

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

218-743-703 2 Adjustment of Line Build-Out Network — Mini-Remote Office Test Line (Mini-ROTL) — 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

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

Add 218-756-502 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
	[illegible]	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)
Add	218-762-501	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
Add	218-764-501	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
Add	218-768-501	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
Add	218-772-301	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
Add	218-772-304	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
Add	218-772-502	1	
	218-772-502	2	Master Timing Circuit SD-25633-01 — One Second Timing Features — Tests
	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
Add	218-779-103	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
Add	218-779-106	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
Add	218-779-301	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
Add	218-779-304	1	
	218-779-304	1	Plant and Traffic Register Lead Verification — No. 5 Crossbar Offices — Arranged With Call Data Transmitter
Add	218-779-305	2	
	218-779-305	2	Trouble Record Diagnostics Procedures — No. 5 Crossbar Offices Arranged for Call Data Transmitter
Add	218-779-306	1	
	218-779-306	2	System Cross-Connect Scan and Distribute Verification Procedures — No. 5 Crossbar Offices — Arranged for Call Data Transmitter
Add	218-779-307	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

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

Add 218-798-000 1
218-798-000 1 Alphabetical Index — Arranged for LAMA-C

Add 218-798-101 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

Add 218-798-302 1
218-798-302 1 Miscellaneous Operational Procedures — Arranged for LAMA-C

Add 218-798-303 1
218-798-303 1 Input Message Formats and Procedures — Arranged for LAMA-C

Add 218-798-304 1
218-798-304 1 Acknowledgement and Output Messages — Formats and Procedures — Arranged for LAMA-C

Add 218-798-305 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

Add 218-798-502 1
218-798-502 1 Program Controlled Transverter SD-28085-01 — Tests Using the Master Test Frame — Arranged for LAMA-C

Add 218-798-503 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

Add 218-798-504 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

Add 218-799-000 1
218-799-000 2 Alphabetical Index — Arranged With Electronic Translation System

Add 218-799-102 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

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 Decription — No. 5 Crossbar Offices — Arranged for Electronic Translation System

Add 218-799-221 1
★ 218-799-221 1 Preroute Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-222 1 Type of Line Translation (TOL) — Software Subsystem Description — No. 5 Crossbar Offices Arranged With ETS

Add 218-799-224 2
★ 218-799-224 1 Routing and Screening — Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-225 1 Trunk Supervision — Software Subsystem Description — Electronic Translation System (ETS) — No. 5 Crossbar Offices

★ 218-799-227 1 Trunk Selection — Busy and Overflow Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

Add 218-799-228 1
★ 218-799-228 1 Terminal Call — Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-229 1 Directory Number Translation — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-230 1 CAMA Call Processing — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

Add 218-799-231 1
★ 218-799-231 1 ANI Call Processing — Software Subsystem Description — No. 5 Crossbar Offices — Arranged for Electronic Translation System

Add 218-799-232 2
★ 218-799-232 1 Automatic Identified Outward Dialing — Software Subsystem Description — No. 5 Crossbar Offices — Arranged With Electronic Translation System

★ 218-799-233 1 Network Management — Software Subscription — No. 5 Crossbar Offices Arranged with Electronic Translation System

★ 218-799-234 1 Remote Message Register Processing — Software Subsystem Description — Electronic Translation System — No. 5 Crossbar Offices

★ 218-799-235 1 Automatic Trouble Analysis — Software Subsystem Description — No. 5 Crossbar Office — Arranged With Electronic Translation System

★ 218-799-241 1 General Purpose Routines — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Tranlation System

★ 218-799-242 1 Traffic and Plant Measurements — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

Add 218-799-243 1
★ 218-799-243 1 Recent Change Software Structure — General Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-244 1 Recent Change Software Structures — Part 1 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-245 1 Recent Change Software Structures — Part 2 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-246 1 Recent Change Software Structures — Part 3 — Software Subsystem Description — No. 5 Crosbar Offices Arranged for Electronic Translation System

★ 218-799-247 1 Recent Change Software Structures — Part 4 — Software Susbsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-248 1 Recent Change Software Structure — Part 5 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-249 1 Recent Change Software Structure — Part 6 — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-251 1 Miscellaneous Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-252 1 Reallocation and Patches — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-253 1 Call Processing of AMARC Data — Software Subsystem Description — Arranged With Electronic Translation System

Add 218-799-255 1
★ 218-799-255 1 Stand Alone Audits — Part 1 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

★ 218-799-256 2 Stand Alone Audits — Part 2 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

Add 218-799-257 1
★ 218-799-257 1 Stand Alone Audit — Part 3 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

Add 218-799-258 1
★ 218-799-258 1 Stand Alone Audits — Part 4 — Software Subsystem Description — No. 5 Crossbar Offices Arranged With Electronic Translation System

★ 218-799-270 1 Distributor and Scanner Control Circuits and Address Diagnostic Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-271 1 Directed Row Selection — Diagnostic — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

Add 218-799-272 1
★ 218-799-272 1 Directed Scan Diagnostic — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-273 1 Directed Distribute Diagnostic — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-274 1 Marker Distribute Point Diagnostic — Software Subsystem Description — No. 5 Crossbar Offices Arranged for Electronic Translation System

★ 218-799-275 1 Diagnostic System Subroutines — Software Subsystem Description — Arranged for Electronic Translation System

218-799-302 3 Miscellaneous Operational Procedures — No. 5 Crossbar Offices — Arranged With Electronic Translation System

218-799-303 3 Tape Cartridges and Tape Data Facilities — General — No. 5 Crossbar Offices — Arranged With Electronic Translation System

218-799-305 2 Processor Complex Diagnostic Procedures — No. 5 Crossbar Offices — Arranged With Electronic Translation System

218-799-306 1 Local Data Counts — Arranged With Electronic Translation System

Add 218-799-309 1
218-799-309 2 Data Base Simple Reallocation Procedure — Offices Arranged With Electronic Translation System

218-799-310 1 System Initialization Procedures (Generic 2 and Subsequent Generic Issues) — No. 5 Crossbar Offices — Arranged With Electronic Translation System

218-799-311 1 Remote Message Register Tests — Arranged With Electronic Switching System

Add 218-799-312 1
218-799-312 1 PBX-AIOD Tests — Arranged With Electronic Switching System

218-799-314 1 Automatic Trouble Analysis (ATA) — Miscellaneous Central Office Procedures — No. 5 Crossbar Offices Arranged With Electronic Translation System

218-799-315 1 Distributor and Scanner Diagnostics — Offices With Electronic Translation System

218-799-316 3 Data Base Audit Procedures — Arranged With Electronic Translation System

Add 218-799-317 1
218-799-317 6 Tape Cartridges — Miscellaneous Procedures — No. 5 Crossbar Offices — Arranged With Electronic Translation System

Add 218-799-318 1
218-799-318 4 Tape Cartridges — Updating and Backup Storage Plan Procedures — No. 5 Crossbar Offices — Arranged for Electronic Translation System

218-799-319 2 Plant and Traffic Registrations — Lead Verification — Offices Arranged With Electronic Translation System

218-799-320 1 Line Sleeve Test Procedures — Arranged With Electronic Translation System

218-799-321 2 Completing Marker Distribute Point Diagnostics — No. 5 Crossbar Offices Arranged With Electronic Translation System

218-799-322 3 Generic Overwrite Procedures — Offices Arranged With Electronic Translation System

Add 218-799-323 1
218-799-323 1 System Initialization Procedures — No. 5 Crossbar Offices Arranged With Electronic Translation System

218-799-324 1 System Recovery Guidelines — No. 5 Crossbar Offices Arranged With Electronic Translating System

Add 218-799-325 1
218-799-325 1 Overwrite Carrier Tape Procedures — Arranged With Electronic Translation System

218-799-326 2 Data Base Audit Procedures — Part 1 — No. 5 Crossbar Offices — Arranged With Electronic Translation System

218-799-327 1 Data Base Audit Procedures — Part 2 — Arranged With Electronic Translation System

	218-799-328	1	Data Base Audit Procedures — Part 3 — Arranged With Electronic Translation System
	218-799-329	1	Data Base Audit Procedures — Part 4 — Arranged With Electronic Translation System
Add	218-799-330	2	
	218-799-330	2	Recent Change Procedures — General — No. 5 Crossbar Offices — Arranged With Electronic Translation System
Add	218-799-331	3	
	218-799-331	2	Recent Change Procedures — Lines, Trunks on the Line Link Frame, and Telephone Numbers — No. 5 Crossbar Offices Arranged With Electronic Translation Systems
Add	218-799-332	1	
	218-799-332	1	Recent Change Procedures — Initializing NBRXLT Links, Entry Code Switching, and Link Tests — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-333	1	Recent Change Procedures — Trunks on the Trunk Link Frame — Arranged with Electronic Translation System
	218-799-334	1	Recent Change Procedures — Trunk Group Control — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-335	3	Recent Change, Verification, and Table Printout — Procedures for Individual Data Base Tables — General — No. 5 Crossbar Offices Arranged With Electronic Translation System
Add	218-799-337	1	
	218-799-337	2	Recent Change Procedures — Input/Output Terminals — No. 5 Crossbar Offices — Arranged With Electronic Translation System
Add	218-799-338	1	
	218-799-338	1	Recent Change Procedures — Measurement Registrations — Arranged With Electronic Translation Systems
	218-799-339	1	Recent Change Procedures — Multiple and Mass Data Base Changes — No. 5 Crossbar Offices Arranged With Electronic Translation System
Add	218-799-340	1	
	218-799-340	2	Office Records — Printout Procedures — Offices Arranged With Electronic Translation System
	218-799-341	2	Office Records — Update Printout Procedures — Arranged with Electronic Translation System
	218-799-345	1	Trunk Group Controls (TGC) — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-346	1	Route Switch (RTSW) — Arranged With Electronic Translation System
	218-799-347	1	Simulated Facilities (SIMFAC) — Arranged With Electronic Translation System
	218-799-348	1	Traffic Sample Control — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-350	1	Recent Change Verification, and Table Printout Procedures for Individual Data Base Tables — Part 1 — Arranged With Translation System
Add	218-799-351	1	
	218-799-351	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 2 — No. 5 Crossbar Offices Arranged with Electronic Translation System
Add	218-799-352	2	
	218-799-352	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 3 — No. 5 Crossbar Offices Arranged With Electronic Translation System
Add	218-799-353	2	
	218-799-353	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 4 — No. 5 Crossbar Offices — Arranged With Electronic Translation System
Add	218-799-354	1	
	218-799-354	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 5 — No. 5 Crossbar Offices Arranged With Electronic Translation System
Add	218-799-355	2	
	218-799-355	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 6 — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-356	1	Recent Change, Verification, and Table Printout Procedures for Individual Data Base Tables — Part 7 — No. 5 Crossbar Offices Arranged With Electronic Translation System
	218-799-502	1	Automatic Number Identification — Program Controlled Transverter SD-28085-01 — Tests Using Master Test Frame — Arranged With Electronic Translation System
	218-799-503	1	Combined Program Controlled Transverter and Multifrequency Outgoing Sender ANI Tests Using Automatic Monitor, Register, and Sender Test Circuit SD-25680-01 — Offices Arranged With Electronic Translation System
	218-799-504	1	Combined Program Controlled Transverter and Multifrequency Outgoing Sender ANI Tests Using Sender Test Set SD-25674-01 (J24756A) — Offices Arranged With Electronic Translation System
	218-799-505	1	Centralized Automatic Message Accounting Program Controlled Transverter SD-28085-01 — Tests Using Master Test Frame — Offices Arranged With Electronic Translation System
	218-799-508	1	Power and Data Interface Circuit — SD-28114-01 — Tests — No. 5 Crossbar Offices Arranged for Electronic Translation System
	218-799-509	1	Maintenance Control and Display Panels — Tests — Offices Arranged With Electronic Translation System
	218-799-701	2	Taking Electronic Translation System Equipment Out of Service
	218-799-702	1	Handling — Electronic Translation System (ETS) Alarms

218-9 4-WIRE CIRCUITS, NO. 3, AND NO. 5A CROSSBAR

4-Wire

	218-901-501	3	4-Wire Auxiliary Line Circuits SD-27516-01 and SD-27517-01 — Tests Using 19A Testboard
	218-902-501	4	4-Wire Auxiliary Line Circuit SD-27738-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-902-502	1	4-Wire Auxiliary Line Circuit SD-27803-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-903-501	1	Operator Originating Line Circuit — Test Using No. 19A Toll Testboard or No. 5D Toll Switchboard
	218-905-501	1	Line Link Circuits — Tests Using Master Test Frame
	218-909-501	2	Trunk Link Circuits — Tests Using Master Test Frame
	218-920-501	4	4-Wire Originating Register SD-26044-01 — Tests Using Test Set SD-25676-01 (J24756)
	218-920-502	1	Originating Register Circuit ES-27656-01 — Tests Using the Master Test Frame
Add	218-920-503	1	
	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
Add	218-926-501	1	
	218-926-501	3	4-Wire Multifrequency Incoming Register SD-26045-01 — Tests Using Test Set SD-25676-01 (J24756B or J24756C)
Add	218-926-502	2	
	218-926-502	1	4-Wire Multifrequency Incoming Registers SD-26045-01 — Tests Using Automatic Monitor, Register and Sender Test Circuit SD-25680-01
	218-932-501	2	4-Wire Station Ringer Test Circuit SD-27508-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-940-501	1	Toll Switching Trunk Circuits — Tests Using No. 5D Switchboard in Same Building
	218-940-505	1	4-Wire Operator Tandem Trunk SD-27732-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-941-501	3	4-Wire Intercepting Trunk Circuit SD-27512-01 From Line Link Frame — Tests Using Master Test Frame
	218-941-502	1	4-Wire Listed Directory Number and Intercepting Trunk Circuit SD-27747-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-942-501	2	Permanent Signal Holding Trunk and Timing Circuits — Tests Using Trunk Test Circuit SD-25918-01
	218-943-501	3	4-Wire, 2-Way Trunk Circuit SD-27744-1 to a PBX — Tests Using Trunk Test Circuit SD-25918-01
	218-944-501	5	4-Wire Tone, Announcement, and Permanent Signal Overflow Trunk Circuits SD-27504-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-945-501	1	Announcement Trunks Assigned to Line Link Frame Location — Tests Using Trunk Test Circuit SD-25918-01
	218-946-501	6	4-Wire 2-Way Intertoll Trunks — Tests Using Trunk Test Circuit SD-25918-01
	218-946-503	2	4-Wire Outgoing Intertoll Trunk SD-27842-01 Tests Using Trunk Test Circuit SD-25918-01
Add	218-947-501	1	
	218-947-501	5	4-Wire, 2-Way Trunks to a PBX SD-27535-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-948-501	5	4-Wire Intraoffice Trunk Circuits — Tests Using Trunk Test Circuit SD-25918-01
	218-949-501	2	Outgoing Station Trunk Circuit SD-27642-01 — Tests Using Trunk Test Circuit
	218-953-501	2	4-Wire Local and Remote Zero Operator or Vacant Code Intercepting Trunk Circuit SD-27733-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-954-501	2	Recording Completing or Vacant Code Intercepting Trunk Circuit SD-27503-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-955-501	3	Conference Bridge and Line Circuit, Conference Controller, and Conference Trunk — Tests Using 19A Testboard and Master Test Frame
	218-956-501	2	4-Wire Attendant Trunk Circuit SD-27844-01 — Tests Using Trunk Test Circuit SD-25918-01
	218-957-501	2	4-Wire 2-Way Trunk Circuit SD-27843-01 for Off-Net Access Service — Tests Using Trunk Test Circuit SD-25918-01

5A Crossbar

218-960-020	1	General Descriptive Information
218-960-501	1	Line Link Circuit SD-26030-05 — Tests Using Test Circuit SD-26319-05
218-960-502	1	Line Verification — Tests Using Test Circuit SD-26319-05
218-961-501	1	Emergency Line Circuits — Tests Using Test Circuit SD-26319-05
218-961-505	1	Permanent Signal Holding Trunk and Associated Circuits — Tests Using Test Circuit SD-26319-05

218-964-501 1 Trunk Link Circuits SD-26032-05 — Tests — Using Test Circuit SD-26319-05

218-965-501 1 Intraoffice Trunk Circuits — Tests Using Test Circuit SD-26319-05

218-965-502 1 Reverting Call Trunks — Tests Using Test Circuit Sd-26319-05

218-965-503 1 Incoming Trunk Circuits — Tests Using Test Circuit SD-26319-05

218-965-504 1 2-Way Operator Office Trunk Circuit SD-27593-05 — Tests — Using Test Circuit SD-26319-05 and No. 1, 3, 3C, or 3CL Toll Switchboards

218-965-505 1 Intercept Trunks — SD-26121-05 — Tests Using Test Circuit SD-26319-05

218-965-506 1 Outgoing Trunk and Junctor Circuits — Tests Using Test Circuit SD-26319-05

218-965-507 1 Recording Completing, Special Service — Trunk Circuits — Tests Using Test Circuit SD-26319-05

218-965-508 1 Outgoing Trunks to Traffic Service Position (TSP) or Traffic Service Position System (TSPS) No. 1 — Tests Using Test Circuit SD-26319-05

218-965-509 2 911 Emergency Reporting — Service Trunks SD-27996-01 — Tests Using Test Circuit SD-26319-05

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	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)
Add	226-310-504	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)
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	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
	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

	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
Add	226-405-501	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)
Add	226-415-500	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
	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
Add	226-430-500	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-31426-01
	226-508-502	1	Interoffice Trunks — Continuity and Polarity Tests Using Test Set SD-31705-01 (J34701A)
Add	226-508-503	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)
Add	226-521-506	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)
Add	226-522-300	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
	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)

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)

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

Add 226-590-500 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-32504-01

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

226-6 PULSE REPEATERS AND OUT-TRUNK SWITCHES

Add 226-600-500 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

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

226-832-500 1 Call-Through Tests Using Call-Through Test Set SD-90603-01 (J94715) or SD-21069-01 (J24714)

Add 226-833-500 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-3 (ROTL-3) — Description — Step-by-Step Offices

226-834-300 2 Remote Office Test Line (ROTL-3) — Acceptance Tests and Trouble Locating Procedures

226-834-301 1 Portable Remote Office Test Line-3 (ROTL-3) — Acceptance Tests and Trouble-Locating Procedures — Step-by-Step Offices

226-834-700 3 Adjustment of Line Build-Out Network — Remote Office Test Line (ROTL-3)

226-834-701 1 Portable Remote Office Test Line-3 (ROTL-3)— Adjustment of Line Build-Out Network—Step-By-Step Systems

226-836-101 1 30A Level Distribution Register — Description

Add 226-836-500 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

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 INFORMATION APPLYING TO INTERTOLL DIALING, CAMA, AMA, ANI, TOUCH-TONE CALLING AND COMMON CONTROL EQUIPMENT — STEP-BY-STEP SYSTEMS

227-0 Indexes and Administrative Practices
-1 Intertoll Dialing Equipment
-2 AMA Equipment
-3 CAMA Equipment
-4 Common to AMA and CAMA Equipment
-5 ANI Equipment
-6 Touch-Tone Calling Equipment — Not Adaptable for Common Control
-7 Common Control Equipment — For Touch-Tone Calling and for Controlled Outpulsing
-8 ITT TEL-TOUCH Equipment

227-0 INDEXES AND ADMINISTRATIVE PRACTICES

♠ 227-000-000 41 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

227-1 INTERTOLL DIALING EQUIPMENT

Add 227-100-500 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

Add 227-120-500 1
227-120-500 4 Dial or Automatic Manual Intertoll Trunks Having Selector Multiple Appearances — Operation Tests Using Dial Hand Test Set

Add 227-125-500 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

Add 227-130-500 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

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

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

Add 227-239-500 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

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

Add 227-316-500 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

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

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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

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
Add	227-520-500	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
	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
	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

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 2 Call Data Accumulator — Description

Add 227-584-101 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

227-584-350 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)

Add 227-625-501 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

227-715-502 4 Originating Registers, Outpulsing Controllers, and Touch-Tone Calling Signal Converters — Operation Tests — Using Automatic Test Circuit SD-32365-01

Add 227-715-503 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

Add 227-725-502 1
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★ 231-090-219 4 Remote Office Test Line and Processor Controlled Interrogator Feature

★ 231-090-229 2 Feature Document — Simulated Facilities Feature — 2-Wire

★ 231-090-234 2 Toll Operator Signaling and Compatibility With TSPS Restdial Traffic (TORT) Feature

Add 231-090-253 1
★ 231-090-253 2 Through Dialing Feature

Add 231-090-254 2
★ 231-090-254 1 Tandem Tie Trunk Service (Nonsenderized) Feature

Add 231-090-256 1
★ 231-090-256 1 Tie Trunk and Foreign Exchange Service Features

★ 231-090-260 2 Trunk Answer From Any Station Feature

★ 231-090-262 1 Trunk Group Busy Lamp (TGBL) Feature

★ 231-090-269 1 Basic ACD Service Feature

★ 231-090-273 1 Outward Wide Area Telecommunications Service Feature

★ 231-090-274 1 Feature Document — 800 Service—Originating Screening Office Feature

Add 231-090-275 1
★ 231-090-275 1 800 Service — Terminating End Office Feature

Add 231-090-276 1
★ 231-090-276 1 Busy/Idle Status Indicator Feature

Add 231-090-278 1
★ 231-090-278 1 Centralized Automatic Message Accounting (CAMA) Feature

★ 231-090-280 1 Hotel/Motel Service Feature

★ 231-090-285 1 Hospital Service Features

★ 231-090-287 2 Universal Emergency Service Number 911 Feature — Basic 911 Service

Add 231-090-288 1
★ 231-090-288 2 Universal Emergency Service Number 911 Feature — Enhanced 911 Service

★ 231-090-291 2 Customer Dialed Account Recording Feature

★ 231-090-292 2 Call Forwarding Usage Sensitive Feature

★ 231-090-294 1 Combined Operator Office Trunk Feature

★ 231-090-300 1 Flexible Incoming Call Restriction (FICR) Feature

★ 231-090-304 1 Feature Document — Multiple Position Hunt Feature

Add	231-090-305	2	
★	231-090-305	1	Network Management Feature
★	231-090-308	2	Interface With Pair Gain Systems Feature
★	231-090-309	1	Receiver Attachment Delay Report (RADR) Feature
★	231-090-312	3	Remote Call Forwarding (RCF) Feature
★	231-090-316	1	Through Balance Test Facilities Feature — No. 1 Electronic Switching System
★	231-090-321	1	Toll Diversion to Attendant (TOLD)
★	231-090-334	2	Automatic Call Distribution — Phase 1 Feature
★	231-090-336	1	Feature Document — ACD Multiline Group Hunt Feature — 2-Wire
★	231-090-338	2	Tones and Announcements to ACD Agents
Add	231-090-339	1	
★	231-090-339	2	ACD Queuing and Call Distribution to Agents Feature
Add	231-090-340	2	
★	231-090-340	2	Selected Traffic to Customer Feature
★	231-090-342	2	Code 104-Type Test Line Feature (104 TL)
★	231-090-344	2	Directory Assistance Charging Feature
★	231-090-345	1	Fast Repeat of Answer Supervision Feature
★	231-090-346	1	Division of Revenue Measurements — (1E8/1AE8 Generic Program and Later)
Add	231-090-350	1	
★	231-090-350	2	Division of Revenue Peg Counts Feature
★	231-090-351	1	Customer Controlled Station Restriction (CCSR) Feature
★	231-090-356	2	Coin Line Activity Monitoring Feature
★	231-090-359	1	Semirestricted Centrex Station Class Feature
Add	231-090-366	1	
★	231-090-366	3	HILO 4-Wire Switching Feature
★	231-090-370	2	Dial Call Waiting Feature
★	231-090-371	2	Directed Call Pickup — Nonbarge-In Feature
★	231-090-372	1	2-Wire Toll/Tandem Operation Feature
★	231-090-399	2	Automatic Call Distribution — Phase 2 Description
★	231-090-400	1	Single Digit Dialing Feature
★	231-090-401	2	Speed Calling Feature
Add	231-090-402	1	
★	231-090-402	1	Station Message Register Service Feature
★	231-090-403	1	Directed Call Pickup With Barge-In
★	231-090-404	2	Code 108-Type Test Line Feature
★	231-090-408	2	Outgoing Trunk Queuing Feature (Phase 1)
★	231-090-409	1	Multifrequency Signaling on Bylink Trunks Feature
★	231-090-410	1	Incoming Trunk Service Observing (ITSO) Feature
★	231-090-411	1	Interface With Common Systems — Recorded Announcement Frame Feature
Add	231-090-412	1	
★	231-090-412	3	Basic Data Link Input/Output Control
★	231-090-413	2	Interface With ACD-ESS Management — Information System Feature
★	231-090-415	1	ACD Phase 2 Agent Log-In Feature
Add	231-090-416	1	
★	231-090-416	2	Common Channel Interoffice Signaling Feature — Local and Toll
★	231-090-417	1	Message Detail Recording on Tie Trunks Feature
★	231-090-418	1	ACD Interface With 12A Customer Information System Feature
★	231-090-419	1	Interface With Property Management System Feature
★	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 Feature — Automatic Call Distribution — Phase I

231-1 1"ESS" SWITCH — 2-WIRE

231-100) 1ESS Switch 2-Wire 231-159)

Add	231-100-101	1	
	231-100-101	2	Signal Processor — Description of System Operation
Add	231-100-102	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
	231-104-301	7	Updating Program Store Translation Information
Add	231-104-302	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

	231-106-301	3	Method of Handling Complaints and Requests — AMA Charge Irregularities
	231-105-305	1	Clock Speedup — Descriptions and Procedures
	231-107-301	3	Trunk Error Analysis Tables and Trunk Error Message
	231-109-101	2	Maintenance Interrupt Description
Add	231-109-302	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
Add	231-111-101	2	
	231-111-101	2	786A Tool — Buffer Bus — Data Insert Keys — Description
	231-111-105	1	System Recovery — Description
Add	231-112-304	2	
★	231-112-304	1	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 Frme, Auxiliary Manual Test Circuit, Processor Interface Frame, and Peripheral Data — Storage Processor Frames —Office Alarm Tests
Add	231-117-301	2	
★	231-117-301	3	Off-Line Operations
	231-118-010	3	ESS Forms 1504, 1505-1 and -2, and 1506
	231-118-319	1	Locating, Analyzing, and Correcting Link List Troubles — All Generic Programs
	231-118-320	3	Recent Change Message Program Listings, System Acknowledgment, and RC18 and RC16 Output Messages (Through 1E5 Generic Program)
	231-118-321	6	General Recent change Information (CTX-6 Through 1E5 Generic Program)
Add	231-118-323	5	
	231-118-323	8	Trunk Translation Recent Change Procedures for TG, TGBVT, TRK, CFTRK, and TGMEM (Through 1E5 Generic Program)
Add	231-118-324	1	
	231-118-324	6	Rate and Route Translation Recent Change Procedures for NOCNOG, DNHT, NOGRAC, RATPAT, DIGTRN, TOLDIG, CCOI, RI, CHRGX, DITABS, TNDM, IDDD, and TDXD (CTX-6 Through 1E5 Generic Program)
	231-118-325	7	RC Procedures for GENT, PSBLK, PSWD, SUBTRAN (Through 1E5 Generic Program)
	231-118-328	2	Observing and Plug-Up Recent Change Procedures (CTX-6 and Later Generic Programs)
	231-118-329	7	Traffic Measurement Recent Change Procedures for DIGTRN, TRFSLB, TRFLCU, TRFHC, TNCTX, CTRF, and NUTS — (Through 1E5 Generic Programs)
	231-118-330	3	RC Formats for DALNK, DAMBI, DAMSK, DATER, ESCO, ESN, and TNESN (Through 1E5 Generic Program)
Add	231-118-331	1	
	231-118-331	5	Centrex/CO ESSX-1 Recent Change Procedures for CTXCB, CTXDI, CTXEXR, CXDICR, DITABS, DLG, FLXDG, FLXRD, and FLXRS (CTX-6 Through 1E5 Generic Programs)
Add	231-118-332	1	
	231-118-332	2	Recent Change Procedures — Required to Add a Centrex, ESSX-1, or Non-Centrex Data Link, and Related Equipment
	231-118-335	6	Line Recent Change Procedures — For Line, TWOPTY, MPTY, SCLIST, MLHG, ACT, CFV, OBS, and SIMFAC — 1E4, and 1E5 Generic Programs
	231-118-337	3	RC Procedures for ANIDI, CAMA, CFG, CPD, MSN, NMTGC, PLM, ROTI, SIMFAC, and TMBCGA (Through 1E5 Generic Program)
	231-118-339	2	Automatic Call Distribution (ACD) Phase 2 Recent Change Procedures — 1E4 Through 1E6 Generic Programs
Add	231-118-340	1	
	231-118-340	2	Overall Procedures for Implementing Automatic Call Distribution (ACD) Phase 1 — Generic CTX-8, Issue 3, and 1E4
	231-118-341	1	Coin Line Activity Monitoring — Recent Change Procedures (CTX-8 and Later Generic Programs)
	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	4	Procedures for Building or Deleting Head Tables, Data Tables, Subtranslators, Auxiliary Blocks, and Unit Type Translators (CTX-6 Through CTX-8 Issue 3 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

Add	231-119-329	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)
Add	231-119-332	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
Add	231-119-342	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)
★	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)
Add	231-119-347	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	4	Plant Measurements
	231-121-301	4	Dial Tone Speed Test Procedures
★	231-122-302	3	Line Load Control and Emergency Manual Line Service Application
Add	231-125-301	2	
	231-125-301	7	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
Add	231-130-301	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)
	231-138-010	2	Common Channel Interoffice Signaling — Voice Frequency Link Office Line Up
Add	231-138-305	1	
	231-138-305	1	Toll — CCIS Data Link Configuration and Recovery
	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
	231-144-403	1	3B20D Data Switch — Software Description — Enhanced Private Switched Communication Service

231-144-404 1 3B20D Data Switch — Traffic Measurements — Enhanced Private Switched Communication Service

231-144-405 1 3B20D Data Switch — Initialization and Recovery — Enhanced Private Switched Communication Service

231-144-406 1 3B20D Data Switch — Maintenance Procedures — Enhanced Private Switched Communication Application

231-144-407 1 3B20D Computer Data Switch — Data Base and Recent Change Verify Description — Enhanced Private Switched Communication Service

231-147-301 5 Auxiliary Test Programs — Common Procedures

231-148-301 4 Bus System Test Procedures

231-148-303 4 Live Office Network Fabric Program — Procedures

Add 231-148-304 1
231-148-304 1 Scanner Test Procedures

231-148-305 2 Universal Controller Test Procedures

231-148-306 1 Junctor Test Program — Procedures

Add 231-149-301 2
231-149-301 3 Administrative Data Link Facility — Transmit and Receive Procedures

Add 231-150-301 3
231-150-301 3 AMA Data Retrieval and Insertion Procedures

Add 231-151-301 3
231-151-301 4 Data Mapping Procedures

231-151-302 5 Translations Structure Check Procedures

Add 231-151-303 1
231-151-303 3 Parameter/Translation Verification Program — Procedures

231-151-304 3 Translations Search Program — Procedures

231-151-305 3 Translation Data Check Program — Procedures

Add 231-152-301 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) 2-Wire 1ESS Switch Task Oriented Practices (TOP) 231-189)

▲ ♠ 231-160-000 4 Master Index List No. 1 ESS TOP Maintenance Procedures

▲ ♠ 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 2 Trunk and Service Circuits — Translations (Generic 1E4 through 1E7)

▲ ♠ 231-164-000 1 System Recovery—(Generic 1E6 Earlier)

▲ ♠ 231-164-005 1 System Evaluation

▲ ♠ 231-164-010 1 Generic Program, Parameter and Translation System Updates — No. 1 ESS

▲ ♠ 231-165-001 1 Signal Processor

▲ ♠ 231-165-005 1 32K Call Store Frames — No. 1 ESS — (Generic 1E6 and Earlier)

▲ ♠ 231-167-001 2 Centrex — CO/ESSX-1 — Translations — Basic (Generic 1E4 — 1E7)

▲ ♠ 231-167-002 2 Business Customer Services — CU — Translations (Generic 1E4 and Later)

▲ ♠ 231-167-003 2 Automatic Call Distribution — Translations (Generic 1E4 Through 1E7)

▲ ♠ 231-167-004 2 Routing and Charging — Translations (Generic 1E4 Through 1E7)

▲ ♠ 231-167-005 2 Business Customer Service — CO Translations — Major Options (FRS, SFG, CFG, MLG, Data Line) (Generic 1E4 Through 1E7)

▲ ♠ 231-167-015 1 Electronic Tandem Switching (Generic 1E6)

▲ ♠ 231-167-020 2 Translations — Miscellaneous Procedures and Trouble-Clearing Data

▲ ♠ 231-168-000 1 Master Control Center — No. 1 ESS

▲ ♠ 231-171-001 2 Traffic and Plant Measurements (Generic 1E4 — 1E7)

231-190) 2-Wire 1ESS Switch Feature Documents 231-191)

★ 231-190-063 3 Automatic Message Accounting

★ 231-190-064 1 Centrex Station Rearrangements Feature — Feature Documents

★ 231-190-068 1 Interface With Automatic Message Accounting Transmitter

Add 231-190-127 1
★ 231-190-127 2 Enhanced Private Switched Communications Service Feature

★ 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 Feature — 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 Feature

★ 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 Feature

★ 231-190-139 1 Automatic Calling Station Identification Feature — Enhanced Private Switched Communications Service

★ 231-190-140 1 Network Attendant Feature — Enhanced Private Switched Communication Service (EPSCS)

★ 231-190-141 1 Deluxe Network Access Feature

★ 231-190-148 1 Alternate Route Selection Feature — Enhanced Private Switched Communications Service

Add 231-190-190 1
★ 231-190-190 2 Office Overload Controls Feature

★ 231-190-314 3 Operation With Engineering and Administrative Data Acquisition System Feature

★ 231-190-365 1 Automatic Broadcast Warning Feature

Add 231-190-405 1
★ 231-190-405 2 Interface With Switching Control Center System Feature

231-2 1A "ESS" SWITCH — MTSO

231-200 Overall AUTOPLEX* System 100 Descriptions

Add 231-200-005 1
231-200-005 1 Mobile Telephone Switching Office, Cell Site, and Mobile Unit — System Description — 2-Wire

Add 231-200-010 1
231-200-010 1 System Documentation — Description and Organization

★ 231-200-020 1 Cell Site and Mobile Telephone Switching Office — Maintenance Considerations

★ 231-201-008 1 Cell Site Generic and Translation Updates

231-210) 1A ESS Switch-Mobile Telephone Switching Office (MTSO) Software
231-219)

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★ 231-210-000 1 Mobile Telephone Switching Office and Cell Site Overview — Software Description

★ 231-210-510 1 Mobile Telephone Switching Office and Cell Site Recovery — Software Description — 2-Wire

Add 231-210-520 1
★ 231-210-520 1 Cell Site Maintenance — Software Description

★ 231-210-530 1 Cell Site Common Control — Software Description — 2-Wire

★ 231-218-301 1 Recent Change Formats and Implementation — Description and Procedures — AUTOPLEX System 100

231-250 1A ESS Switch-Mobile Telephone Switching Office (MTSO) TOP
231-259)

▲ ♠ 231-251-000 1 Speech Path Maintenance

231-290 1A ESS Switch-Mobile Telephone Switching Office (MTSO) FDS

★ 231-290-600 2 Feature Document — Advance Mobile Phone System

★ 231-290-601 1 Maintenance and Administration System Feature — Feature Document — AUTOPLEX System 100

Add 231-290-603 1
★ 231-290-603 1 Overload Control Feature — Feature Document

★ 231-290-605 1 Mobile Call Trace and Mobile Calling — Line Identification — Feature Document — AUTOPLEX System 100

Add 231-290-606 1
★ 231-290-606 1 Speed Calling Feature

231-3 1A "ESS" SWITCH — 2-WIRE

231-300) 1A ESS Switch Equipment
231-309)

231-300-005 2 Line Cutover Procedures (PIDENT SACT)

231-300-008 3 Generic Overwrite and Recovery Tape Guidelines — Description

231-300-010 2 Acceptance Test Plan — Description

★ 231-300-014 1 Program Store and Call Store Expanded Memory

231-300-015 2 Plant Measurements

231-300-020 1 Customer Originated Recent Changes (CORC)

★ 231-300-025 2 Audit Output Messages — Analyses

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

231-301-005 1 Attached Processor System — General System Application

231-301-010 2 System Unit Duplication and Bus System — Description

231-301-020 4 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

231-310) 1A ESS Switch Software
231-319)

★ 231-310-210 1 Fault Recognition — Software Subsystem Description

★ 231-310-240 1 Data Mapping (Updating) — Software Subsystem Description

★ 231-310-250 1 Master Control Center — Software Subsystem Description

★ 231-310-260 1 Local Utility Program Software Subsystem Description 2-Wire No. 1A Electronic Switching System

★ 231-310-265 1 Input/Output Application — Software Subsystem Description (SSD)

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★ 231-310-280 1 Library Control — Software Subsystem Description

★ 231-310-300 1 Interrupt Recovery Software Control Structure — Software Subsystem Description

★ 231-310-310 1 System Reinitialization — Software Subsystem Description

★ 231-310-320 1 Hardware Recovery — Software Subsystem Description

★ 231-310-330 1 Software Initialization — Software Subsystem Description

★ 231-310-340 1 Emergency Mode Control — Software Subsystem Description

231-311-000 1 Library System — General Description

Add 231-311-002 1
231-311-002 2 Peripheral Unit Bus Test — Description

Add 231-311-003 1
231-311-003 1 Line Office Fabric Test — Description

231-311-004 2 Universal Controller Test Program — Description

Add 231-311-005 2
231-311-005 1 Automatic Board-to-Board Testing Description

Add 231-311-006 1
231-311-006 3 Translations Structure Check — Description

Add 231-311-007 1
231-311-007 2 Translations Data Check Program — Description

Add 231-311-008 1
231-311-008 1 Translations Search Program — Description

Add 231-311-009 1
231-311-009 2 Translations Copy — Description

231-311-010 2 Recent Change Mapping — Description

Add 231-311-011 1
231-311-011 1 Junctor Test Program — Description

Add 231-318-300 1
231-318-300 2 Recent Change Message Program Listings, System Acknowledgment, and RC18, RC16, and RC Failure Output Messages (Through 1AE5 Generic Program)

231-318-301 2 General Recent Change Information, Rollback and Rollforward Procedures (Through 1AE5 Generic Program)

231-318-302 3 Line Recent Change Procedures For Line, TWOPTY, MPTY, SCLIST, MLHG, ACT, CFV, OBS, and SIMFAC — 1AE4 Through 1AE5 Generic Program

Add 231-318-303 5
231-318-303 3 Trunk Translation Recent Change Procedures for TG, TGBVT, TRK, CFTRK, TGMEM, CCIS, and TKCONV (Through 1AE5 Generic Program)

Add 231-318-304 1
231-318-304 3 Rate and Route Translation Recent Change Procedures for NOCNOG, DNHT, NOGRAC, RATPAT, DIGTRN, TOLDIG, CCOL, RI, CHRGX, DITABS, TNDM, IDDD, and TDXD (Through 1A5 Generic Program)

231-318-305 3 RC Procedures for GENT, PSBLK, PSWD, and SUBTRAN (Through 1AE5 Generic Program)

231-318-306 2 Observing and Plug-up Recent Change Procedures for OBS, TOBS, and Plug (Through 1AE5 Generic Program)

231-318-307 3 Traffic Measurement Recent Change Procedures for DIGTRN, TRFSLB, TRFLCU, TRFHC, TNCTX, and NUTS (Through 1AE5 Generic Program)

231-318-308 3 RC Formats for DALNK, DAMBI, DAMSK, DATER, ESCO, ESN, and TNESN (Through 1AE5 Generic Program)

231-318-309 3 Centrex-CO/ESSX-1 Recent Change Procedures for CTXCB, CTXDI, CTXEXR, CXDICH, DITABS, DLG, FLXDG, FLXRD, and FLXRS (Through 1AE5 Generic Programs)

231-318-310 3 RC Procedures for ANIDL, CAMA, CFG, CLAM, CPD, JUNCT, MSN, NMTGC, PLM, ROTL, SIMFAC, and TMBCGA (Through 1AE5 Generic Program) 2-Wire No. 1A Electronic Switching System

★ 231-318-320 2 Procedures for Adding or Deleting Head Tables, Data Tables, Subtranslators, Auxiliary Blocks, and Unit Type Translators

231-319-001 3 General Growth — Description

231-319-002 1 1024 to 2048 Trunk Link Network Merge — Description

231-360) 1A ESS Switch Task Oriented Practices (TOP) 231-389)

▲ ♠ 231-360-000 5 Master Index List No. 1A ESS — TOP Maintenance Procedures

▲ ♠ 231-360-002 3 Master Control Center/Processor — Peripheral Interface Frame

▲ ♠ 231-361-001 3 Switching Network — System Evaluation

▲ ♠ 231-361-003 2 Peripheral Growth — (Generic 1AE4 and Later)

▲ ♠ 231-361-010 1 FS, I/O, IOP, and TUC — Equipment Growth — No. 1A ESS — Through 1AE7 Generic Program)

▲ ♠ 231-361-015 1 Call Stores and Program Stores Equipment Growth

▲ ♠ 231-363-002 3 Trunk and Service Circuits-Translators — (Generic 1AE4 Through 1AE7)

▲ ♠ 231-366-000 2 Auxiliary Program Library System (APLS) — (Generics 1AE5 and 1AE6)

▲ ♠ 231-367-001 3 Business Customer Service — CO Translations — Basic (Generic 1AE6 and Earlier)

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	356-008-100	1	Description
	356-008-501	3	Tests

356-010 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
	356-010-513	1	Initial Testing — Flow Charts
	356-010-514	3	LMX In-Service Lineup — Flowchart
	356-010-520	1	Frequency Charts
	356-010-550	2	Carrier Transmission Maintenance System (CTMS) — General Administrative Procedures
	356-010-551	2	Carrier Transmission Maintenance System (CTMS) — 104.08-kHz Pilot Bus Measurements (PLPB)
	356-010-552	2	Carrier Transmission Maintenance System (CTMS) — Measurement of Terminal Pilots at Mastergroup and Line Access
	356-010-553	2	Carrier Transmission Maintenance System (CTMS) — Measurement of Supergroup and Group Pilots at Scanner (PLSC)
	356-010-554	3	Carrier Transmission Maintenance System (CTMS) — Supergroup Out-of-Band Noise Measurements
	356-010-555	2	Carrier Transmission Maintenance System (CTMS) — Through Pilots and Cross-Office Transmission
	356-010-556	2	Carrier Transmission Maintenance System (CTMS) — High Tone Scan (HTS) and Quick Hot Tone Scan (QHTS)
	356-010-557	2	Carrier Transmission Maintenance System (CTMS) — Line Pilot Measurements (LP)
	356-010-558	1	Carrier Transmission Maintenance System (CTMS) — L3 Pearl Tone Measurements
	356-010-559	2	Carrier Transmission Maintenance System (CTMS) — Demand Measurement Programs
	356-010-560	1	L Multiplex Terminals — Local Alarm Scanning System (LASS) — General Operating Procedures

356-011 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

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

356-012 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

356-014 A5/A6 Carrier Failure Alarm Retrofit System

356-014-100 1 Description

356-014-501 1 Tests and Trouble Correction

356-015 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 Common Equipment — NJ01303C-1 Unitized Terminal Equipment Frame — Description

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

Add 356-015-502 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

356-016 A6 Channel Banks

▲ ♠ 356-016-000 2 A6B and DFSG Channel Banks — J68954( ) Bays

▲ ♠ 356-016-010 2 A6B Channel Bank and Direct Formed Supergroup (DFSG) Bank — J98629A and B Frames

▲ ♠ 356-016-013 2 A6B Channel Bank and Direct Formed Supergroup (DFSG) Bank — J98629G and H Frames

▲ ♠ 356-016-014 2 A6B and DFSG Channel Banks — (J98629J Frame) — Analog Multiplex Terminal Equipment

▲ ♠ 356-016-015 2 A6B Channel Bank and Direct Formed Supergroup (DFSG) Bank — J98629K and N Frames

▲ ♠ 356-016-017 2 A6B and DFSG Channel Banks — (J98629P and R Frames) — Analog Multiplex Terminal Equipment

▲ ♠ 356-016-018 2 A6B and DFSG Channel Banks — (J98629T and U Frames) — Analog Multiplex Terminal Equipment

▲ ♠ 356-016-019 2 A6B and DFSG Channel Banks — (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 — Description

356-016-105 1 A6B — J68954( ) Bays and J98629( ) Frames — Description

356-016-106 1 DFSG Bank — Description

356-016-107 1 DFSG Bank — J68954( ) Bays and J98629( ) Frames

356-016-108 1 Common Equipment A6B and DFSG Channel Banks — J68957A and B Unitized Terminal Equipment Frames — Description

357-016-110 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

356-017 Carrier Program Transmission

356-017-100 1 Description

356-017-501 1 Patching Procedures and Out-of-Service Tests

356-018 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

356-019 Basic Mastergroup Trunk Arrangements

356-019-100 3 Description

356-019-500 3 Tests

356-020 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-1 — Patching Procedure

356-020-501 1 B1 — Out-of-Service Loss Tests

Add 356-020-502 1
356-020-502 3 B2-Type — In-Service Adjustments

Add 356-020-503 1
356-020-503 3 B2-Type — Out-of-Service Tests

356-020-504 3 B2-Type — Turnover Tests

Add 356-020-505 1
356-020-505 1 B3 — In-Service Tests

356-020-506 1 B3 — Out-of-Service Tests

356-021 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

356-022 Overall Noise and Modulation Tests

Add 356-022-500 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

356-023 Ground Detector Tests

356-023-100 1 Locating Grounds on Balanced High Frequency Cabling

356-024 LT-1 Connector

356-024-100 3 Description

356-024-105 3 LT-1B Facility Connector — Description

356-024-110 1 LT-2 Digital Transmultiplexer — Description

▲ ♠ 356-024-505 1 LT-B Facility Connector

356-025 Supergroup Connectors

Add 356-025-100 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

356-026) Mastergroup Connectors
356-029)
356-026 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

356-027 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

356-028 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

356-029 J68953AF Mastergroup Connector (Passive)

356-029-100 3 Description

356-029-501 2 In-Service Tests

356-029-502 2 Out-of-Service Tests

356-030 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

356-035) Multimastergroup Trunk Arrangements
356-042)
356-035 MMX-2C and L4 Carrier

356-035-100 3 Description

356-035-500 2 Tests

356-036 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

356-040 MMX-1 and WLEL

356-040-100 4 Multimastergroup Trunk Arrangements — Description — Common Equipment

356-040-500 5 Multimastergroup Trunk Arrangements — Tests — Common Equipment

356-041 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

356-042 L5 Carrier Basic Jumbogroup Trunk Bay

356-042-100 2 Description

356-067) LMX-1
356-089)
356-067 Intermediate Frequency Converter Circuit

356-067-501 2 Measurement of the 516 KC Output

356-079 Pilot Combining Circuit

356-079-501 2 Measurement of 6-Frequency or 2-Frequency Output

356-080 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

356-081 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

356-088 2 KC and 10 KC Standard Frequency Supply Circuit

356-088-501 1 Output Measurements

356-1 LMX-1 (CONTINUED) 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) Transmitting Circuits
356-110)
356-105 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

356-110 Supergroup Modulator

356-110-300 1 Patching Procedures

356-110-502 1 Out-of-Service Loss Tests

356-115) Receiving Circuits
356-120)
356-115 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

356-120 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

Tests

356-125-501 1 Terminal Compensating Networks

356-130) MMX-1
356-149)

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

356-132 Transmitting Submastergroup Bank

356-132-300 2 Patching Procedures

356-132-501 2 Gain Tests

Add 356-132-502 1
356-132-502 2 Turnover Test

356-134 Transmitting Mastergroup Bank

356-134-300 1 Patching Procedures

356-134-501 3 Loss Tests

Add 356-134-502 1
356-134-502 2 Turnover Tests

356-134-503 1 Hybrid Loss Tests

356-136 Receiving Mastergroup Bank

356-136-300 1 Patching Procedures

Add 356-136-501 1
356-136-501 3 Gain Tests

Add 356-136-502 1
356-136-502 2 Turnover Tests

356-136-503 1 Hybrid Loss Tests

356-138 Receiving Submastergroup Bank

356-138-300 1 Patching Procedures

356-138-501 3 Loss Tests — MMX-1

Add 356-138-502 1
356-138-502 2 Turnover Tests

356-150) J68775 Carrier and Pilot Supply
356-188)
356-150 LMX-1 — 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

356-151 J68775 Primary Frequency Supply

356-151-501 1 128-kHz Oscillator Circuit Tests

356-151-502 2 64-kHz Output Power Tests — LMX-1 Carrier and Pilot Supply

356-151-503 2 J68775U — 4-kHz Output Test

356-151-504 1 4-kHz Distribution Circuit Tests

356-152 4-kHz Harmonic Generator

356-152-501 2 Output Power Tests

356-153 Channel Carrier Distribution Bus

356-153-501 1 Equalization of Pilot Frequency

356-153-502 2 Output Power Tests

356-154 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

356-155 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

356-156 88-KHz Program Carrier

356-156-501 1 Tests and Adjustments

356-160 J68857X Stabilized 64 KHz Pilot Supply

356-160-100 1 Description

356-160-501 1 In-Service Tests

356-161 L1 Line Pilot Frequencies

356-161-501 2 Tests

356-165 Primary Frequency Converter Circuit

356-165-501 4 Input and Output Level Adjustments — LMX-1 and L3 Carrier

356-166 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

356-167 520-kHz Harmonic Generator Circuit

356-167-501 3 520-kHz Output Test

356-168 Carrier Amplifier Circuits

356-168-501 3 J68828A — Output Tests

356-169 2.08-MHz Frequency Supply Circuit

356-169-501 1 Measurement at 2080-KC TST Jack

356-170 Transfer and Control Circuit

356-170-501 2 Tests

356-171 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

356-172 Secondary Carrier Distribution Circuit

356-172-501 2 Output Power and Meter Relay Tests

356-173 24-Volt AC-DC Supply and Fuse Distributing Circuit

356-173-501 1 Tests

356-174 Pilot Generator Circuits

Add 356-174-501 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 Pilot Generator Circuits

356-175-501 2 Regular and Standby Pilot Generator Output Tests

356-176 Emergency Pilot Alarm Control Circuit

356-176-501 1 Test

356-177 Pilot Distributing Circuits

356-177-501 1 Output Power Check

356-177-502 1 Measurement of Rectified DC Current and Adjustment of WKG Gen — Sensitrol® Relay

356-179 Pilot Combining Circuits

356-179-501 2 Six-Frequency or Two-Frequency Combining Circuit Output

356-180 Emergency Pilot Supply

356-180-501 1 Tests

356-180-502 1 Emergency Pilot Generator Circuits — Tests

356-181 64-kHz Synchronizing Frequency Amplifier

356-181-501 1 Tests and Adjustments

356-182 308-KHz Synchronizing Frequency Amplifier

356-182-501 1 Output Tests

356-183 64-KHz Frequency Comparator Circuit

356-183-501 1 Beat Frequency Test

356-183-502 1 End-of-Range Alarm Tests

356-184 308-kHz Frequency Comparator Circuit

356-184-501 1 Beat Frequency Test

356-184-502 1 End-of-Range Alarm Test

356-185 64-kHz and 308-kHz Generator Circuit

356-185-501 1 Output Power Tests

356-186 4139-kHz Reference Frequency Supply

356-186-501 1 Output Test

356-187 Idle Indicator Relay Circuit and Lamps

356-187-501 1 Operational Check

356-2 LMX-2

356-200) Terminal
356-220)
356-200 Overall System

Description

356-200-100 4 L600A, L1860A, U3001 and Conversion to U600

356-200-101 1 Supergroup Distributing Terminal

Tests

356-200-501 4 J87288A DC-to-DC Converter

356-205) Transmitting Circuits
356-210)
356-205 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

356-210 Supergroup Modulator

356-210-300 3 Patching Procedures

356-210-502 1 Out-of-Service Loss Tests

356-215) Receiving Circuits
356-220)
356-215 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

356-220 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

356-225) Measuring Circuits
356-229)
356-225 J68918 Scanner, Test, and Alarm Circuit

356-225-100 1 Description

356-225-501 2 Scanner Function Tests — Common Equipment

356-225-502 2 Gain Measurement and End-of-Range Alarm Function

356-225-503 2 Supergroup Pilot Measuring Circuit Calibration

356-250) Carrier and Pilot Supply
356-275)
356-250 Carrier and Pilot Supply

356-250-100 2 Description

356-260 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

356-265 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

356-270 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

356-275 Independent Pilot Supply

356-275-100 1 J68911A Independent 64-kHz and J68911B Independent 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

Add 356-275-503 1
356-275-503 5 Independent 64-kHz Line Pilot Supply and Distribution Circuit — Tests — LMX-2

Add 356-275-504 1
356-275-504 3 Independent 512-kHz Line Pilot Supply and Distribution Circuit — Tests — LMX-2

356-280) L60A/L120A LMX-2 Carrier Terminal
356-295)
356-280 Common Information

356-280-100 2 Description

356-281) Transmitting Circuits
356-282)
356-281 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

356-282 Supergroup Modulator

356-282-501 3 In-Service Loss Adjustment

356-282-502 2 Loss Tests

356-283) Receiving Circuits
356-284)
356-283 Supergroup Demodulator

356-283-501 4 In-Service Loss Test

356-283-502 3 Out-of-Service Loss Tests

356-284 Group Demodulator

356-284-501 2 In-Service Gain Tests

356-284-502 3 Out-of-Service Gain Tests

356-285) Carrier Supply
356-289)
356-285 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

356-286 4-KHz Harmonic Generator

356-286-501 1 Output Level

356-287 Channel Carrier Distributing Circuit

356-287-500 1 Carrier and Pilot Supply Tests

356-287-501 1 Distributing Bus Power

356-288 Group Carrier Supply

356-288-501 1 12 Kc Amplifier Output

356-288-502 1 Distribution Circuit Output

356-289 Supergroup Carrier Supply

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

356-290 64 KHz Pilot Supply

356-290-501 2 Stabilizer Alarm Voltage and Output

356-291 92 KHz Pilot Supply

356-291-501 2 Stabilizer Alarm Voltage and Output

356-292 104.08 KHz Pilot Supply

356-292-501 3 Stabilizer and Output Alarm Voltage

356-293 Terminal Circuits

356-293-501 2 Trunk Loss Measurements

356-293-502 2 Hybrid Tests

356-294) Measuring Circuits
356-295)
356-294 Group Measuring Circuit

356-294-501 3 Calibration

356-294-502 4 L60A/L120A — Amplifier Gain and Meter Calibration

356-295 Supergroup Pilot Measuring Circuit

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) Transmitting Circuits
356-315)
356-305 Supergroup Modulator

356-305-501 1 In-Service Loss Adjustment

356-305-502 3 Supergroup Bank — Out-of-Service Loss Tests

356-315 Group Modulator

356-315-501 1 In-Service Gain Adjustment

356-315-502 1 Group Bank Gain Tests

356-320) Receiving Circuits
356-330)
356-320 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

356-330 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

356-350 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

356-350-101 3 J68941E and J68941P Group Bank Bay — Description

356-350-102 3 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) LWM Wideband Modem
356-449)

356-400-100 1 LWM-1 (10 to 51 KC)

356-400-500 1 40-KC Wideband Transmission System — Signal Level Tests and Alignment

Add 356-401-100 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

Add 356-402-500 1
356-402-500 3 L Multiplex Terminals — LWM-6 — Tests

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) Digital Transmission Terminals for Analog Facilities
356-499)
356-454 1A Radio Digital System

Description

356-454-010 2 DDS Preservice Implementation — For 1A Radio Digital System (1A-RDS)

356-454-020 2 Maintenance Methods

356-454-100 5 1A Radio Digital System — Overall Description

356-454-101 5 1A Radio Digital Terminal — Description

356-454-102 1 1A Radio Digital Terminal (1A-RDT) — Portable Transmitter and Receiver — Description

356-454-300 5 1A Radio Digital System — Operation

356-454-302 1 1A Radio Digital Terminal (1A-RDT) — Portable Transmitter and Receiver — Operation

356-454-500 4 1A Radio Digital System — General Test Information

356-454-501 4 1A Radio Digital Terminal (1A-RDT) — Transmitter Tests

356-454-502 3 1A Radio Digital Terminal (1A-RDT) — 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 — 1A Radio Terminal (1A-RDT)

356-454-510 4 Initial Tests for Placing the 1A-RDS In-Service

356-454-511 4 In-Service Trouble-Locating Tests

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356-454-520 4 Routine Tests

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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) REL Microwave Radio
408-314)
408-310 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

408-311 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

408-312 REL 756 Receiver

408-312-100 1 Description

408-312-330 1 Periodic Test Intervals

408-312-500 1 Maintenance

408-313 REL 756J Receiver

408-313-100 1 Description

408-313-330 1 Periodic Test Intervals

408-313-500 1 Maintenance

408-314 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 Army Air Defense Command (ARADCOM) 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
Not given general distribution; cannot be ordered

408-321-502 1 RML-4 Cape Charles — Leesburg — MW-103 Intermediate Station
Not given general distribution; cannot be ordered

408-321-503 1 RML-4 Cape Charles — Leesburg — MW-103 Receiving Terminal
Not given general distribution; cannot be ordered

408-321-504 1 RML-4 Mt Laguna — Palmdale — MW-105 Transmitting Terminal
Not given general distribution; cannot be ordered

408-321-505 1 RML-4 Mt Laguna — Palmdale — MW-105 Receiving Terminal
Not given general distribution; cannot be ordered

408-321-506 1 RML Fallon — Transmitting Terminal
Not given general distribution; cannot be ordered

408-321-507 1 RML Fremont — Receiving Terminal
Not given general distribution; cannot be ordered

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408-705)
408-702 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

408-703 Raytheon KS-20098 Radio Equipment

408-703-000 2 Description, Operation, and Maintenance

408-704 Farinon KS-20311 Radio Equipment

Description, Operation, and Maintenance

408-704-001 1 4-GHz Space Diversity System

408-704-002 1 2-GHz/4-GHz Crossband Diversity System

408-704-003 1 2-GHz Monitored Hot Standby System

408-704-004 1 4-GHz Monitored Hot Standby System

408-705 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

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408-800 CONrac AV12 Audio-Video Receivers

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408-800-300	1	Operation

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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
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408-800-505	1	Quality Checks Using Broadcaster's Signal
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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

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-2 TJ or TJ/TM-1 Microwave Radio
-3 TL-1 Microwave Radio
-4 TL-2 and TM-1 Microwave Radio
-5 TM-2/TM-2A Microwave Radio
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409-100-500	3	Tests
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409-110 TE-T1 Transmitter

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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

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409-120-501	2	Modification for Improved Operation and Maintenance
409-120-502	1	Modification for NTSC Color

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409-130-501	1	Modification for NTSC Color

409-140 TE-R2 Receiver

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	463-340-111	2	Voice Connecting Arrangements RDL and RDM — KS-19522, List 1 or List 2 Recorder Coupler Used With KS-16765, List 1 Announcement Set
Add	463-340-112	1	
	463-340-112	1	Voice-Connecting Arrangement GTS
	463-340-120	6	Protective Connecting Arrangements — Identification, Installation, Operation, Maintenance, and Connections — RCZ, RTT and RC1, and 4-Wire Service
Add	463-341-100	1	
	463-341-100	5	Protective Connecting Arrangement C2ACP
Add	463-341-101	1	
	463-341-101	4	Protective Connecting Arrangements — STP and C2F
	463-341-102	2	33-Type Interface Arrangements for Music-On-Hold and Paging Amplifiers
Add	463-341-103	1	
	463-341-103	1	Protective Connecting Arrangement FTM
Add	463-350-100	1	
	463-350-100	1	Voice Connecting Arrangement CDA — Interconnecting Service Unit F-58003 and Associated F-58004 KTU and F-58015 Console
Add	463-350-101	2	
	463-350-101	1	Voice Connecting Arrangement CDA — 700-Type Interconnecting Service Unit — 108A and 105A Interconnecting Units
Add	463-350-104	1	
	463-350-104	6	Protective Connecting Arrangements CDH and CBF
Add	463-350-105	1	
	463-350-105	4	Voice Connecting Arrangement CD6
Add	463-350-106	1	
	463-350-106	5	Protective Connecting Arrangements CD9, CD8, CD7 and Connecting Arrangement CBF
Add	463-350-107	1	
	463-350-107	5	Protective Connecting Arrangement CBD
Add	463-350-108	1	
	463-350-108	3	Voice Connecting Arrangement CET
Add	463-350-109	1	
	463-350-109	3	Protective Connecting Arrangement C22
Add	463-350-110	1	
	463-350-110	2	Protective Connecting Arrangement TAS
	463-360-100	4	Voice Connecting Arrangements CDQ4X and CDQ4W or Facilities Interfaces 31-TT-MB and 32-TT-MB
	463-360-101	4	Voice Connecting Arrangements CDQ2W and CDQ2X — Identification, Installation, Operation, Maintenance, and Connections
Add	463-360-102	1	
	463-360-102	2	Voice Connecting Arrangement C234W
Add	463-360-103	1	
	463-360-103	2	Voice Connecting Arrangement C232W
	463-361-100	1	119A Interconnecting Unit — Identification, Installation, Connections, Operation, and Maintenance
	463-370-101	4	Voice Connecting Arrangements C24 and C2H or Facility Interface 31-TT-EG — Identification, Installation, Operation, Maintenance, and Connections
	463-370-102	2	Voice Connecting Arrangements C27 and C2K or Facility Interface 11-TT-EG — Identification, Installation, Operation, Maintenance, and Connections
	463-380-100	3	Voice Connecting Arrangement CEK — J53050E Interconnecting Unit
Add	463-380-101	1	
	463-380-101	1	Connecting Arrangement C25 — 118A Interconnecting Unit
Add	463-380-102	1	
	463-380-102	1	Connecting Arrangement C1Y — J92614E-1 Interface Unit
Add	463-382-100	1	
	463-382-100	5	Protective Connecting Arrangements C1V, RCX, and GC2
Add	463-382-101	1	
	463-382-101	3	Connecting Arrangement CTD — J53050G-Type Interconnecting Unit
Add	463-382-102	1	
	463-382-102	2	Protective Connecting Arrangement HZM
Add	463-382-103	1	
	463-382-103	1	Connecting Arrangement CTH — J53050K Connecting Unit
Add	463-382-104	1	
	463-382-104	1	Connecting Arrangement KTX
Add	463-382-105	2	
	463-382-105	1	Voice Connecting Arrangement — TSZ1 and TSPXY

Add 463-390-100 1
463-390-100 1 PICTUREPHONE® Connecting Arrangement PVF — 114A

463-4 REGISTRATION INTERFACES

463-400-100 5 Selection and General Information

463-400-110 2 Adapter Arrangements — RJA1X, RJA2X, and RJA3X

463-400-120 4 RJ11C, RJ11W, RJ12C, RJ12W, RJ13C, RJ13W, RJ17C, RJ18C, RJ19C and RJ1DC — Bridged Single Line Tip and Ring Arrangements

463-400-121 2 Bridged Single Line Weatherproof — Tip and Ring Arrangements — RJ15C

Add 463-400-130 1
463-400-130 4 Uniform Service Order Codes (USOCs) RJ16X, RJ31X, RJ32X, RJ33X, RJ34X, RJ35X, RJ36X, RJ37X, and RJ38X — Identification and Maintenance Series Single Line Tip and Ring Arrangements

463-400-140 3 Uniform Service Order Codes (USOCs) RJ14C and RJ14W Identification and Maintenance Bridged 2-Line Tip and Ring Arrangements

463-400-141 5 RJ21X, RJ22X, RJ23X, RJ24X, RJ2DX, RJ2EX, RJ2FX, RJ2GX, RJ2HX, and RJ2MB— Identification and Maintenance — Bridged Multiple Tip and Ring Arrangements — Registration Interface

463-400-142 2 RJ25C — Identification and Maintenance — Registration Interface Bridged 3-Line Tip and Ring Arrangements

463-400-143 1 RJ61X — Identification, Installation, and Maintenance — Bridged 4-Line Tip and Ring Arrangement

463-400-150 2 RJ71C — Series Multiple Tip and Ring Arrangements — Installation, Connections, and Maintenance

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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-1 Intra-PBX Protection of Service, Code Calling, Recorded Telephone Dictation, Dispatching, Interface Trunks, Message Waiting, and Transmitter Transfer
-2) Emergency Reporting
-3)
-4 Customer Training Equipment
-5 Telephone Answering Systems — Sections Common to Customer and Central Office Equipment
-6 Telephone Answering Systems — Sections Covering Customer Equipment
-7 Telephone Answering Systems — Sections Covering Central Office Equipment

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Intra-PBX Protection of Service

473-105-201 1 SD-1E031-01 — Identification, Installation, and Connections

473-105-501 1 SD-1E031-01 — Circuit Tests and Adjustment

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473-115-100 1 Description and Use

473-115-300 1 Maintenance

473-115-400 1 Connections

2A Code Calling System

473-120-520 1 Circuit Tests

3A Code Calling System

473-121-101 1 Identification, Installation, and Connections

473-121-520 2 3A Code Call System — Operation Test

Recorded Telephone Dictation Trunks SD-65728-01 and SD-65788-01

473-130-201 2 Installation

473-130-501 2 Operation Tests

Interface Trunk Circuits

473-138-210 2 Auxiliary Power Supply Circuit SD-5E039-01 (J58866A) — Identification, Installation, and Connections

Dispatching Service — 508A PBX

473-169-511 1 Circuit Tests

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	473-218-010	1	Business Services Engineering — Emergency Reporting System Concentrator
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	473-218-210	1	Direct Line and Concentrator Systems — Tests and Inspections at Time of Installation
	473-218-300	1	Method of Operation
	473-218-301	1	Concentrator-Type — Method of Operation
	473-218-500	4	Alarm Circuit SD-98053-01 — Operation Tests
	473-218-520	3	Call Recording Circuits — Operation Tests
	473-218-525	1	Cord and Position Circuits — Tests and Inspections
	473-218-610	3	Display Control Circuit SD-98060-01 and Number Display Control Circuit SD-98128-01 — Operation Tests — Concentrator System
	473-218-630	1	Paging Line and Status and Annunciator Circuits — Operation Tests
	473-218-655	1	Selective Routing Circuits Used With Direct Lines — Operation Tests
Add	473-218-660	1	
	473-218-660	3	Station Line Circuits and Flash and Wink Circuit — Operation Tests
	473-218-661	1	Long Line Circuit SD-99545-01 — Operation Tests
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	473-219-300	1	Industrial Reporting System — Method of Operation
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	473-310-103	1	8A Key Telephone System for Use at 911 Emergency Reporting/Answering Bureaus — CALL DIRECTOR® Telephone Set — Method of Operation
	473-310-110	1	8A Key Telephone System for Use at 911 Emergency Reporting/Answering Bureaus — Installation and Connections

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	473-311-300	2	1A — Preinstallation and Planning Information

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	473-401-101	1	KS-21564 Business Phone Trainer — Description and Maintenance
Add	473-410-100	1	
	473-410-100	1	KS-16161 Teletrainer
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	473-411-101	1	KS-21764 Teletrainer — Description, Operation, and Maintenance

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473-505-201 2 Line Concentrator (J93022)-Identifier (J93021) — For Use With No. 1 Electronic Switching System (No. 1 ESS) — Tests and Inspections at Time of Installation

473-505-202 1 Line Concentrator (J93022)-Identifier (J93021) — Used With No. 1 and No. 2 Electronic Switching Systems — Tests and Inspections at Time of Installation Using Test Set KS-21056

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473-505-501 2 Line Concentrator (J93022)-Identifier (J93021) — For Use With No. 1 Electronic Switching System (No. 1 ESS) — Circuit Tests and Trouble Analysis

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473-609-201 3 Equipment Cabinets — Identification, Installation, Service Options, and Connections — 1A Telephone Answering System

473-609-210 3 Attendant Console — Identification, Installation, and Connections — 1A Telephone Answering System

473-609-301 1 Attendant Equipment — Method of Operation — 1A Telephone Answering System

473-609-501 2 Operation Tests — 1A Telephone Answering System

473-615-000 1 AUTOTAS Call Distribution System — Description and Operation

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473-615-011 1 AUTOTAS Call Distribution System — Acceptance Test Procedure

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-2 No. 1, 2, 2A and 4 Order Turrets
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476-100-003 1 Business Services Engineering — Design Consideration

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

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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

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476-121-107 2 Business Office Force Administration Data System — Down Line Loading (BOFADS-DLL) — Retrofit Installation

476-121-110 2 Business Office Force Administration Data System (BOFADS) Using Pollable Data Terminal (PDT) No. 2A — Trouble Locating Procedures

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Add 476-216-210 1
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

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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

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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

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504-212-101 6 3- and 4-Type — Identification and Selection

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504-215-402 2 9A Type — Connections

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-1 General Information
-4 Coin Telephone Sets
-5 Coinless Telephone Sets
-9 Public Service Maintenance Check

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510-215-401 1 Coin Collectors — Postpay — 177GL, HL; 178GL, HL — Community Dial Office Service — Local Battery — Connections

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510-310-400 1 Subscriber Sets — Ringers Only — Nonpolarized — Magneto — Connections

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512-126-100	1	F-56503 Type Telephone Set Using KS-19594 Dialer Identification, Operation, Installation, Connections, and Maintenance
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512-240-101	4	Key Mountings — 400-, 1400-, and 2400- Series — 6, 12, and 18 Line Sizes — Identification and Selections

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512-240-200 9 Key Mountings — 400-, 1400-, and 2400-Series — 30, 60, 90, and 120 Line Sizes — Installation and Maintenance

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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

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-2 Announcement Set
-6 Announcement Systems — Station Control Apparatus

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514-155-100 6 KS-19245, Lists 1, 13, 24, and 26 — Identification, Installation, Operation, and Connections

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514-155-301 4 KS-19245, Lists 13, 24, and 26 Telephone Answering Sets — Maintenance

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514-156-105 1 "TELEHELPER†" Answering Machine — Description — Telephone Answer and Record Device Sets

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†Trademark of AT&T

514-2 ANNOUNCEMENT SET

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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 (J3471?A) — 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
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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
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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 Multicustomer — Alarms — Operation Tests
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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
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Add 540-518-304	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
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554-191-111 3 Attendant Conference, Meet-Me Conference, and Six-Way Station Conference — Features

Add	554-191-112	1	
	554-191-112	6	Attendant Console and Switched Loop Operation — Features
Add	554-191-113	1	
	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
	554-191-118	5	PBX Line Access and Personal Central Office Line Features
	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
	554-191-121	1	Enhanced Uniform Call Distribution (EUCD)
	554-191-122	4	Automatic Identified Outward Dialing (AIOD) Feature
Add	554-191-123	1	
	554-191-123	3	Centralized Attendant Service With Combined PBX/Attendant Concentration Feature
	554-191-124	2	Busy Verification of Station Lines Feature
	554-191-125	3	Automatic Route Selection — Feature
	554-191-126	5	Call Forwarding — All Calls, Call Forwarding — All Calls — Remote — Call Forwarding — Busy and Don't Answer, and Call Forwarding — Don't Answer — Features
	554-191-127	3	Hold, I-Hold, Priority Hold, and Exclusive Hold Feature
	554-191-128	3	Call Hold Feature
Add	554-191-129	3	
	554-191-129	1	Energy Communications Service
	554-191-130	3	Call Pickup — Feature
Add	554-191-131	1	
	554-191-131	2	I-Use Indication, Line Status Indication, and Station Busy Indication Features
Add	554-191-132	1	
	554-191-132	4	Attendant Call Waiting, Originating Call Waiting, and Terminating Call Waiting Features
	554-191-133	2	Calling Number Display to Station Feature
	554-191-135	3	Code Calling Access Feature
	554-191-136	6	Centralized Attendant Service With Separate Attendant Concentrator
Add	554-191-137	2	
	554-191-137	3	Code Restriction and Toll Restriction
Add	554-191-138	1	
	554-191-138	3	Controlled Restriction Features (Except for Feature Package 9)
	554-191-139	1	Data Verification By Station (DVS) — Feature
Add	554-191-140	1	
	554-191-140	2	Line Ringing, Common Audible Ringing, Abbreviated and Delayed Ringing, Ringing Transfer, and Station Ringer Cutoff
	554-191-141	2	Bridged Call Feature
	554-191-142	2	Reserve Power Feature
	554-191-143	1	Voice Store and Forward Interface
	554-191-145	2	Dial Access to Attendant Feature
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	554-191-147	2	Direct Inward Dialing (DID)
	554-191-149	3	Direct Outward Dialing Feature
	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
	554-191-155	3	Executive Override Feature
	554-191-156	2	Flexible Numbering of Stations Feature
	554-191-157	5	Flexible Numbering of Stations — Mixed Numbering and Single-Digit Dialing
Add	554-191-158	1	
	554-191-158	1	Fully Restricted Station Feature
	554-191-159	5	Facilities Administration and Control, Facilities Assurance Reports, Traffic Data to Customer, and Station Rearrangement and Change Features
Add	554-191-160	1	
	554-191-160	2	Hot Line Service Feature
Add	554-191-161	1	
	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
Add	554-191-162	1	
	554-191-162	2	Manual Exclusion Feature
	554-191-163	2	Intercept Treatment Feature
	554-191-164	3	Deluxe Queuing — (Outgoing Trunk Queuing)
Add	554-191-166	3	
	554-191-166	2	Call Park Feature

Add	554-191-167	2	
	554-191-167	3	Trunk Verification By Station Feature
Add	554-191-168	1	
	554-191-168	2	Station Message Waiting Feature
	554-191-169	5	Customer Administration Center System Feature
Add	554-191-170	1	
	554-191-170	1	Visually Impaired Attendant Service Feature
	554-191-171	1	Inward Restriction Feature
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	554-191-173	1	Line Lookout With Warning Feature
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	554-191-176	1	Manual Terminating Line — Service Feature
Add	554-191-177	1	
	554-191-177	2	Radio Paging Access Feature
	554-191-178	2	Miscellaneous Trunk Restriction
	554-191-179	3	Music-on-Hold and Music-on-Hold Access Features
	554-191-180	1	Night Console Position Feature
	554-191-181	3	Night Station Service — Fixed Service — Night Station Service — Full-Service, and Night Station Service — Automatic—Features
Add	554-191-182	1	
	554-191-182	6	Uniform Call Distribution (UCD) and Direct Department Calling (DDC)
	554-191-183	2	Origination Restriction
	554-191-184	2	Off-Premises Stations
	554-191-185	3	3A Code Call Access — Feature
	554-191-186	4	Outgoing Trunk Queuing
	554-191-187	1	Outward Restriction Feature
Add	554-191-188	1	
	554-191-188	3	Data Privacy and Data Restriction Features
	554-191-189	4	Automatic Wakeup Service Feature
Add	554-191-190	1	
	554-191-190	3	Loudspeaker Paging — Basic and Loudspeaker Paging — Deluxe — Features
	554-191-191	3	Power Failure Transfer Feature
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	554-191-193	2	Recall Dial Tone and Recall Button Features
	554-191-194	2	Recorded Telephone Dictation — Access Feature
Add	554-191-195	1	
	554-191-195	3	Remote Access to PBX Services — Feature for Feature Package 2
Add	554-191-196	1	
	554-191-196	2	Main/Satellite Indialing Thru Main Inter-PBX Call Transfer — Inter-PBX Coordinated Station Numbering Features
	554-191-197	2	Rotary Dial Calling Feature
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Add	554-191 201	1	
	554-191-201	4	Speed Calling Feature
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	554-191-210	1	Straightforward Outward Completion Feature
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	554-191-214	2	Through Dialing Feature
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	554-191-219	2	Toll Terminal Access and Toll Terminal Access With Rering From Toll—Feature
	554-191-220	3	Touch-Tone Calling and Touch-Tone to Dial Pulse Conversion Features
	554-191-221	2	Interface for Long Distance Billing Feature
	554-191-222	3	Journal Printers Feature
Add	554-191-223	1	
	554-191-223	1	Trunk Answer From Any Station Feature
	554-191-225	2	Trunk Group Busy Indicators on Attendant Position and Trunk Group Warning Indicators on Attendant Position Features
	554-191-226	4	Automatic Route Selection — Deluxe and 10-Digit Conversion Feature

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554-191-249 1 Extended Memory Holdover

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-1 Converters, Station
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Registered Trademark of Tektronix, Inc.

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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

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

680-535-024 2 Service Order — Examples — 1E6 and 1E7 or 1AE6 and 1AE7 Generic Programs — 2-Wire 1 and 1A ESS* Switches

680-536-201 1 5E1(2).1 and Later Generic Programs — 5ESS Switch

DIVISION 682 — PLANT ASSIGNMENT — TRUNK PLANT AND SPECIAL SERVICES

682-0 Indexes and General Information
-1 Layout Record Cards for Telephone Message Trunks
-2 Carrier Layout Record Cards for Telephone Systems
-3 Other Layout Record Cards
-4 Work Order Record and Details

682-0 INDEXES AND GENERAL INFORMATION

♠ 682-000-000 26 Numerical Index — Division 682 — Plant Assignment — Trunk Plant and Special Services

Add 682-000-010 1
682-000-010 1 Toll Layout Facility Records

Add 682-000-011 1
682-000-011 2 Plant Assignment Circuit Layout Record — Description

682-000-013 1 Exchange Trunk Cable Pair Record

682-000-015 3 Assignment and Operating Responsibilities — Facility Control Offices — Facility Maintenance and Administration Center

682-000-101 2 Expected Measured Loss Calculations for E-Repeatered and Non-Repeatered Two-Wire Trunks

682-1 LAYOUT RECORD CARDS FOR TELEPHONE MESSAGE TRUNKS

682-100-010 5 Circuit Layout Record Cards and Other Forms for Telephone Message Trunks — General Section

Add 682-100-011 1
682-100-011 3 Circuit Layout Record Cards for Telephone Message Trunks — Trunk Details Shown on Lines at Top of Forms E-2350 to E-2353 Inclusive

Add 682-100-012 1
682-100-012 2 Circuit Layout Record Cards for Telephone Message Trunks — Net Loss, Over-all Active Singing Point, Repeater, and Junction Level Entries

682-100-013 2 Circuit Layout Record Cards for Telephone Message Trunks — Line Assignment Entries and Line Loss Data

682-100-014 2 Circuit Layout Record Cards for Telephone Message Trunks — Line Equipment Entries

Add 682-100-015 1
682-100-015 3 Circuit Layout Record Cards for Telephone Message Trunks — Entries for Signaling Equipment

682-100-016 1 Circuit Layout Record Cards for D-C Signaling Paths Used with Telephone Message Circuits

Add 682-100-017 1
682-100-017 4 Circuit Layout Record Cards for Telephone Message Trunks — Other Equipment Entries, Equipment Loss Data, and Special Entries

682-100-018 6 Circuit Layout Record Cards — Intertoll Trunk and Miscellaneous Telephone Circuit Numbering

682-100-019 3 Circuit Layout Record Cards for Telephone Message Trunks — Illustration of Forms and Alphabetical Index to Items Described in Associated Sections

682-100-020 1 Circuit Layout Record Cards for Telephone Circuit Units

682-2 CARRIER LAYOUT RECORD CARDS FOR TELEPHONE SYSTEMS

Add 682-200-018 1
682-200-018 1 Layout Record Cards for Type ON Carrier Units and Channel Groups

Add 682-200-019 1
682-200-019 3 Carrier Layout Record Cards for Type N Carrier Channel Groups

682-200-020 4 Circuit and Carrier Layout Record Cards for Carrier Telegraph Systems and Layouts

682-200-021 1 Circuit Layout Record Cards for Carrier Program Channels

682-3 OTHER LAYOUT RECORD CARDS

Add 682-300-010 1
682-300-010 2 Circuit Layout Record Cards for Teletypewriter and Manual Telegraph Circuits

682-300-011 1 Circuit Layout Record Cards for Program Circuit Units and Symbols for Use on Program Network Charts

682-300-012 3 Number Assignments for Radio Units and Satellite Units

682-300-013 1 Layout Record Cards for Radio Relay Message Units

Add 682-300-014 1
682-300-014 1 Layout Record Cards for Video Interexchange Units and Local Channels and Symbols for Use on Video Network Charts

682-300-020 1 DATA-PHONE* Digital Service and DATA-PHONE Switched Digital Service — General

682-300-021 1 DATA-PHONE Digital Service and DATA-PHONE Switched Digital Service

682-300-022 1 Facility and Equipment Assignment Records for DATA-PHONE Digital Service and DATA-PHONE Switched Digital Service

682-300-023 1 DATA-PHONE Digital Service and DATA-PHONE Switched Digital Service

682-300-027 1 Administration of Combined Manual and Mechanized (F/ECP1) Records for DATA-PHONE Digital Service — Both Private Line and Switched

682-4 WORK ORDER RECORD AND DETAILS

682-400-010 2 General Description and Objectives

682-400-011 2 Circuit Segmenting Standards

682-400-012 2 Output Documents From TIRKS C1/TAS

682-400-014 2 Circuit Installation and Maintenance — Assistance Package (CIMAP) — General Description — Network Trunk and Special Services

682-400-020 1 Document and Report Retrieval Procedures — Description — Trunks Network and Special Services Operations

682-400-030 1 Work Order and Record Details (WORD) for Digital Carrier Systems — General Description — Trunk Network and Special Services

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DIVISION 720 — MOTOR VEHICLES AND CONSTRUCTION APPARATUS

720-0 Indexes, General and Administrative Information
-1 Safety
-2 Engines
-3 Body and Chassis
-4 Construction Equipment
-5 Fleet Maintenance
-6 Information Management System

720-0 INDEXES, GENERAL AND ADMINISTRATIVE INFORMATION

♠ 720-000-000	25	Numerical Index — Division 720 — Motor Vehicles and Construction Apparatus
720-020-012	2	Storage of Motor Vehicles and Construction Apparatus
720-030-010	2	Vehicle Marking
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

720-100-010	3	Motor Vehicle Tire Chains — Prevention of Skidding

720-2 ENGINES

720-205-012	3	Anti-Freeze Solutions
720-210-300	2	Engine Cooling Systems — Rust Prevention
720-210-310	2	Maintenance of Automotive Engine Cooling Systems
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

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

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

720-500-100	1	General Guidelines

720-6 INFORMATION MANAGEMENT SYSTEM

720-610-100	2	General Description
720-610-101	2	Input Fields and Procedures
720-610-102	1	Motor Vehicle Information Management System (MOVIMS) — Standard Inputs

DIVISION 750 — BISP GENERAL

750-0 Indexes and General Information
-2 Audit — General

750-0 INDEXES AND GENERAL INFORMATION

♠ 750-000-000	7	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

♠ 750-200-100	1	Overview of BIS Audit Manuals
♠ 750-200-110	1	Audit Utilities User Guide

DIVISION—756—BUSINESS INFORMATION SYSTEMS—TRUNKS AND SPECIAL SERVICES

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-1 PICS/DCPR

-3 S&E Trunk Forecasting
-5 TIRKS E1 (Trunks Integrated Records Keeping System)
-545 IEOCS
-547 ECP-1A
-548 ECP-1B

756-0 INDEXES AND GENERAL INFORMATION

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756-1 PICS/DCPR

♠ 756-100-100 2 Documentation Guide Index

♠ 756-100-101 2 Documentation Guide (General)

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♠ 756-100-103 2 Orientation and Training Index

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♠ 756-100-105 2 Administration Index

♠ 756-100-106 2 Reference Documentation Index

♠ 756-140-120 1 PICS/1 User's Guide

♠ 756-140-130 2 Description of the Plug-In Control System (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

♠ 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

♠ 756-141-000 1 PICS/2 — Form Instructions (General)

♠ 756-141-001 2 Form No. BISP 61-0001 (Program Matrix 0001) Inventory Form Instructions — T1 Carrier, D1 Channel Bank Power Supply (J86498A-1)

♠ 756-141-002 2 Form No. BISP 61-0002 (Program Matrix 0002) Inventory Form Instructions — T1 Carrier, Combined D1A, D1C Bay — Repeater and Power — Supply Units

♠ 756-141-003 1 Form No. BISP 61-0003 (Program Matrix 0003) Inventory Form Instructions — T1 Carrier, 201-Type Repeater Equipment Bay Mounted

♠ 756-141-004 1 Form No. BISP 61-0004 (Program Matrix 0004) Inventory Form Instructions — T1 Carrier, 206-Type Repeater

♠ 756-141-005 2 Form No. BISP 61-0005 (Program Matrix 0005) Inventory Form Instructions — 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) Inventory Form Instructions — T1 Carrier, D1, D1A, D1B, D1C Bank Equipment — Channel and Group Units

♠ 756-141-007 1 Form No. BISP 61-0007 (Program Matrix 3007) Inventory Form Instructions — T1 Carrier, T1WM-1 Wideband Modem

♠ 756-141-008 2 Form No. BISP 61-0008 (Program Matrix 3008) Inventory Form Instructions — T1 Carrier T1WB-1, 2, 3 Bank Arrangements

♠ 756-141-009 1 Form No. BISP 61-0009 (Program Matrix 0009) Inventory Form Instructions — T1 Carrier T1WM-4 Wideband Modem

♠ 756-141-010 1 Form No. BISP 61-0010 (Program Matrix 0010) Inventory Form Instructions — 0-Type Carrier Repeaters

♠ 756-141-011 1 Form No. BISP 61-0011 (Program Matrix 0011) Inventory Form Instructions — O, ON1, ON2, ON/K Carrier Terminal Equipment

♠ 756-141-012 1 Form No. BISP 61-0012 (Program Matrix 0012) Inventory Form Instructions — N1 Carrier Terminal Equipment

♠ 756-141-013 1 Form No. BISP 61-0013 (Program Matrix 0013) Inventory Form Instructions — ON/K Carrier Terminal, Repeater, or Junction Equipment

♠ 756-141-014 1 Form No. BISP 61-0014 (Program Matrix 0014) Inventory Form Instructions — 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) Inventory Form Instructions — 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) Inventory Form Instructions — Carrier to TL Radio Combining Bay for Terminal or Repeater Locations

♠ 756-141-017 1 Form No. BISP 61-0017 (Program Matrix 0017) Inventory Form Instructions — 2A Echo Suppressors

♠ 756-141-018 2 Form No. BISP 61-0018 (Program Matrix 0018) Inventory Form Instructions — 3A and 3B Echo Suppressors

♠ 756-141-019 1 Form No. BISP 61-0019 (Program Matrix 0019) Inventory Form Instructions — Dial Long Line Unit

♠ 756-141-020 1 Form No. BISP 61-0020 (Program Matrix 0020) Inventory Form Instructions — N2 Carrier N2WT1 Wideband Terminal

♠ 756-141-021 1 Form No. BISP 61-0021 (Program Matrix 0021) Inventory Form Instructions — N2 Carrier Terminal — Regular and Package Frames — Channel Units

♠ 756-141-022 1 Form No. BISP 61-0022 (Program Matrix 0022) Inventory Form Instructions — N2 Carrier Terminal Group Units — Regular, Packaged, and N2WT1

♠ 756-141-023 1 Form No. BISP 61-0023 (Program Matrix 0023) Inventory Form Instructions — N2 Carrier Line Build-Out Bay

♠ 756-141-024 1 Form No. BISP 61-0024 (Program Matrix 0024) Inventory Form Instructions — N2 Carrier Repeater, Current Regulator, and Amplifier Bays

♠ 756-141-025 1 Form No. BISP 61-0025 (Program Matrix 0025) Inventory Form Instructions — Traffic Data Recording System — No. 1A Summarizer

♠ 756-141-026 1 Form No. BISP 61-0026 (Program Matrix 0026) Inventory Form Instructions — Traffic Data Recording System — No. 1A Remote Record Cabinet or Frame

♠ 756-141-027 2 Form No. BISP 61-0027 (Program Matrix 0027) Inventory Form Instructions — TSPS Universal Trunk Frame

♠ 756-141-028 1 Form No. BISP 61-0028 (Program Matrix 0028) Inventory Form Instructions — TSPS Universal Trunk Frame

♠ 756-141-029 1 Form No. BISP 61-0029 (Program Matrix 0029) Inventory Form Instructions — No. 1 ESS Junctor Frame

♠ 756-141-030 2 Form No. BISP 61-0030 (Program Matrix 0030) Inventory Form Instructions — No. 1 ESS Miscellaneous Trunk Frame

♠ 756-141-031 1 Form No. BISP 61-0031 (Program Matrix 0031) Inventory Form Instructions — No. 1 ESS Universal Trunk Frames

♠ 756-141-032 1 Form No. BISP 61-0032 (Program Matrix 0032) Inventory Form Instructions — Private Service Systems — A1 Digital Data Systems

♠ 756-141-033 1 Form No. BISP 61-0033 (Program Matrix 0033) Inventory Form Instructions — Toll Systems — Multiport Conference Bridge

♠ 756-141-034 1 Form No. BISP 61-0034 (Program Matrix 0034) Inventory Form Instructions — Voice-Frequency Transmission Maintenance — Concentrator Bay

♠ 756-141-035 2 Form No. BISP 61-0035 (Program Matrix 0035) Inventory Form Instructions — N3 Carrier Terminal

♠ 756-141-036 1 Form No. BISP 61-0036 (Program Matrix 0036) Inventory Form Instructions — N3 Carrier, N3-L Type A Junction

♠ 756-141-037 1 Form No. BISP 61-0037 (Program Matrix 0037) Inventory Form Instructions — N3 Carrier, N3-L Type B Junction

♠ 756-141-038 1 Form No. BISP 61-0038 (Program Matrix 0038) Inventory Form Instructions — N3 Carrier, N3-L Type C Junction

♠ 756-141-039 1 Form No. BISP 61-0039 (Program Matrix 0039) Inventory Form Instructions — N3 Carrier Common Carrier Supply

♠ 756-141-040 1 Form No. BISP 61-0040 (Program Matrix 0040) Inventory Form Instructions — Transistorized Conference Amplifiers — J99294

♠ 756-141-041 1 Form No. BISP 61-0041 (Program Matrix 0041) Inventory Form Instructions — E2-3 Telephone Repeaters and Disablers (With List Determination)

♠ 756-141-042 1 Form No. BISP 61-0042 (Program Matrix 0042) Inventory Form Instructions — Amplitude and/or Delay Equalizing Unit — J99292A, J99292B, J99292C

♠ 756-141-043 1 Form No. BISP 61-0043 (Program Matrix 0043) Inventory Form Instructions — V3 Telephone Repeaters — With Suffix Digit and List

♠ 756-141-044 1 Form No. BISP 61-0044 (Program Matrix 0044) Inventory Form Instructions — Intercontinental Trunk Supervision — Signal Converter Bay

♠ 756-141-045 1 Form No. BISP 61-0045 (Program Matrix 0045) Inventory Form Instructions — E Signaling M Lead Corrector Units

♠ 756-141-046 2 Form No. BISP 61-0046 (Program Matrix 0046) Inventory Form Instructions — E Signaling Transmission Path Cut Units

♠ 756-141-047 1 Form No. BISP 61-0047 (Program Matrix 0047) Inventory Form Instructions — E2-3 Telephone Repeaters (Without List Determination)

♠ 756-141-048 1 Form No. BISP 61-0048 (Program Matrix 0048) Inventory Form Instructions — V3 Telephone Repeaters Without Suffix and List

♠ 756-141-049 3 Form No. BISP 61-0049 (Program Matrix 0049) Inventory Form Instructions — 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) Inventory Form Instructions — 2400 or 2600 Single Frequency Signaling System

♠ 756-141-051 1 Form No. BISP 61-0051 (Program Matrix 2051) Inventory Form Instructions — E-Type Signaling Bay — Regular on N2 and N3 Packaged Terminal Frame

♠ 756-141-052 2 Form No. BISP 61-0052 (Program Matrix 0052) Inventory Form Instructions — F-Type AC Trunk Signaling — J99335A, B, C, D Bay

♠ 756-141-053 2 Form No. BISP 61-0053 (Program Matrix 0053) Inventory Form Instructions — 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) Inventory Form Instructions — TV Systems — A2A, A2B, A2AT Video Transmission Bays

♠ 756-141-055 1 Form No. BISP 61-0055 (Program Matrix 0055) Inventory Form Instructions — Wideband Loop Repeaters — WLR-1, 2, and 3

♠ 756-141-056 1 Form No. BISP 61-0056 (Program Matrix 0056) Inventory Form Instructions — Wideband Loop Repeaters — WLR-4 and 5

♠ 756-141-057 2 Form No. BISP 61-0057 (Program Matrix 0057) Inventory Form Instructions — 4A Echo Suppressor — J68914 — J98624 Consolidated Bay — J98626 Unitized Bay

♠ 756-141-058 1 Form No. BISP 61-0058 (Program Matrix 0058) Inventory Form Instructions for L4 Multiplex Repeaters — Main Station

♠ 756-141-059 1 Form Number BISP 61-0059 (Program Matrix 0059) Inventory Form Instructions for L4 Multiplex Repeaters — Intermediate Station

♠ 756-141-060 2 Form No. BISP 61-0060 (Program Matrix 0060) Inventory Form Instructions — 24V4, 44V4, and 424V4 Repeaters

♠ 756-141-061 2 Form No. BISP 61-0061 (Program Matrix 0061) Inventory Form Instructions — V4 Basic Repeaters

♠ 756-141-062 2 Form No. BISP 61-0062 (Program Matrix 0062) Inventory Form Instructions — 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) Inventory Form Instructions for L-Type Multiplex — A5 Channel Bank (J68853)

♠ 756-141-064 1 Form Number BISP 61-0064 (Program Matrix 0064) Inventory Form Instructions for L-Type Multiplex, L600A Receiving Bay

♠ 756-141-065 1 Form Number BISP 61-0065 (Program Matrix 0065) Inventory Form Instructions for L-Type Multiplex, L600A Transmitting Bay

♠ 756-141-066 1 Form Number BISP 61-0066 (Program Matrix 0066) Inventory Form Instructions for L-Type Multiplex, L1860A Receiving Bay

♠ 756-141-067 1 Form Number BISP 61-0067 (Program Matrix 0067) Inventory Form Instructions for L-Type Multiplex, L1860A Transmitting Bay

♠ 756-141-068 1 Form No. BISP 61-0068 (Program Matrix 0068) Inventory Form Instructions — L-Type Multiplex — L60A and L120A-Transmitting and Receiving Bay

♠ 756-141-069 1 Form No. BISP 61-0069 (Program Matrix 0069) Inventory Form Instructions — C2A, C2B, or C2C Supergroup Connector

♠ 756-141-070 1 Form No. BISP 61-0070 (Program Matrix 0070) Inventory Form Instructions — Telegraph Systems — 143-Type Regenerative Repeaters

♠ 756-141-071 1 Form No. BISP 61-0071 (Program Matrix 0071) Inventory Form Instructions — Telegraph Systems — 144-Type Coupling Units

♠ 756-141-072 1 Form No. BISP 61-0072 (Program Matrix 0072) Inventory Form Instructions — 43A1 Carrier Telegraph Systems

♠ 756-141-073 1 Form No. BISP 61-0073 (Program Matrix 0073) Inventory Form Instructions — 96A-1 Electronic Loop Repeaters

♠ 756-141-074 1 Form No. BISP 61-0074 (Program Matrix 0074) Inventory Form Instructions — 43B1 Voice Frequency Carrier — High Voltage Hub Converters

♠ 756-141-075 1 Form No. BISP 61-0075 (Program Matrix 0075) Inventory Form Instructions — 43B1 Voice Frequency Carrier — Line, Channel, and Alarm Units

♠ 756-141-076 2 Form No. BISP 61-0076 (Program Matrix 0076) Inventory Form Instructions — 145A1 Regenerative Repeaters — Data Systems

♠ 756-141-077 1 Form No. BISP 61-0077 (Program Matrix 0077) Inventory Form Instructions — L-Type Multiplex — Supergroup and Group Banks — Receiving — Mix Packaged Bay (J68858P or DP)

♠ 756-141-078 1 Form No. BISP 61-0078 (Program Matrix 0078) Inventory Form Instructions — 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) Inventory Form Instructions — L-Type Multiplex — Receiving Group Bank Bay (J68772B-2)

♠ 756-141-080 1 Form No. BISP 61-0080 (Program Matrix 1080) Inventory Form Instructions — General Purpose Form

♠ 756-141-081 1 Form No. BISP 61-0081 (Program Matrix 0081) Inventory Form Instructions — L-Type Multiplex — Receiving and Transmitting Supergroup High Frequency Patch Bays

♠ 756-141-082 1 Form No. BISP 61-0082 (Program Matrix 0082) Inventory Form Instructions — L-Type Multiplex — L600A and L1860A — Common Bay

♠ 756-141-083 2 Form No. BISP 61-0083 (Program Matrix 0083) Inventory Form Instructions — 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) Inventory Form Instructions — D2 Channel Bank, Channel Units

♠ 756-141-085 1 Form No. BISP 61-0085 (Program Matrix 0085) Inventory Form Instructions — D2 Channel Bank Equipment — Common, SMA, and Power Supply Units

♠ 756-141-086 2 Form No. BISP 61-0086 (Program Matrix 0086) Inventory Form Instructions — 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) Inventory Form Instructions — N-Carrier Program Terminal

♠ 756-141-088 1 Form No. BISP 61-0088 (Program Matrix 0088) Inventory Form Instructions — Voice Operated Switch Gain Repeaters

♠ 756-141-089 1 Form No. BISP 61-0089 (Program Matrix 0089) Inventory Form Instructions — 43A1 Carrier Telegraph Systems

♠ 756-141-090 1 Form No. BISP 61-0090 (Program Matrix 0090) Inventory Form Instructions — AR Type Data Circuit Packs

♠ 756-141-091 1 Form No. BISP 61-0091 (Program Matrix 0091) Inventory Form Instructions — L-Type Multiplex — LWM-2 and LWM-6 Wideband Modems

♠ 756-141-092 1 Form No. BISP 61-0092 (Program Matrix 0092) Inventory Form Instructions — Voice-Frequency Transmission Maintenance — Connector Bay

♠ 756-141-093 1 Form No. BISP 61-0093 (Program Matrix 0093) Inventory Form Instructions — H-310-068 Mounting of 200-Type Delay Equalizers

♠ 756-141-094 1 Form No. BISP 61-0094 (Program Matrix 0094) Inventory Form Instructions — H-310-070 Mounting of 200-Type Delay Equalizers

♠ 756-141-095 1 Form No. BISP 61-0095 (Program Matrix 0095) Inventory Form Instructions — Loop Signaling Repeaters

♠ 756-141-096 1 Form No. BISP 61-0096 (Program Matrix 0096) Inventory Form Instructions — Range Extenders, VF Gain (Reg) Equipment

♠ 756-141-099 1 Form No.3 BISP 61-0097 Through 61-0099 (Program Matrixes 0097 Through 0099) Inventory Forms Instructions — Specified Plug-Ins Classified as Minor Expense Items

♠ 756-141-100 2 Form No. BISP 61-0100 (Program Matrix 0100) Inventory Form Instructions — M1-2 Digital Multiplex

♠ 756-141-101 1 Form No. BISP 61-0101 (Program Matrix 0101) Inventory Form Instructions — M1-2 Digital Multiplex, 4213 and 4214 Networks

♠ 756-141-102 1 Form No. BISP 61-0102 (Program Matrix 0102) Inventory Form Instructions — Dial Long Line Unit

♠ 756-141-103 1 Form No. BISP 61-0103 (Program Matrix 0103) Inventory Form Instructions — Low Voltage Data Sets

♠ 756-141-111 2 Form Nos. BISP 61-0104 Through 61-0111 (Program Matrix 4104 Through 4111) — Inventory Forms Instructions 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) Inventory Form Instructions — T1 Carrier D1, D1A, D1B, D1C, and D1D Bank Equipment — Channel Units

♠ 756-141-113 1 Form No. BISP 61-0113 (Program Matrix 0113) — Inventory Form Instructions — T1 Carrier, D1, D1A, D1B, D1C, and D1D Bank Equipment — Group Units

♠ 756-141-114 1 Form No. BISP 61-0114 (Program Matrix 0114) — Inventory Form Instructions — L-Type Multiplex-A6 Channel Bank (J68929)

♠ 756-141-115 1 Form No. BISP 61-0115 (Program Matrix 0115) — Inventory Form Instructions — E Signaling E&M Lead Applique

♠ 756-141-116 1 Form No. BISP 61-0116 (Program Matrix 0116) — Inventory Form Instructions — 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) — Inventory Form Instructions — T1 Carrier, D3 Channel Bank — Channel Units

♠ 756-141-119 1 Form No. BISP 61-0119 (Program Matrix 0119) — Inventory Form Instructions — T1 Carrier, D3 Channel Bank — Common, Maintenance and Hot Spare Units

♠ 756-141-120 1 Form No. BISP 61-0120 (Program Matrix 0120) — Inventory Form Instructions — Subscriber Loop Multiplexer — Central Office Equipment

♠ 756-141-121 1 Form No. BISP 61-0121 — (Program Matrix 0121) Inventory Form Instructions — Subscriber Loop Multiplexer — Remote Terminal Equipment

♠ 756-141-122 1 Form No. BISP 61-0122 (Program Matrix 0122) — Inventory Form Instructions — KS-20988 Multi-Channel Subscriber Carrier — Central Office Shelves

♠ 756-141-123 1 Form No. BISP 61-0123 (Program Matrix 0123) — Inventory Form Instructions — Multichannel Subscriber Carrier — KS-20988 — Subscriber Terminals and Repeaters

♠ 756-141-124 1 Form No. BISP 61-0124 (Program Matrix 0124) Inventory Form Instructions for Low Voltage Data Sets

♠ 756-141-125 1 Form No. BISP 61-0125 (Program Matrix 0125) — Inventory Form Instructions — T1 Carrier Subrate Data Multiplexer Bay

♠ 756-141-126 1 Form No. BISP 61-0126 (Program Matrix 0126) — Inventory Form Instructions — T1 Carrier — Nodal Timing Supply Bay (J70177E-1)

♠ 756-141-127 1 Form No. BISP 61-0127 (Program Matrix 0127) — Inventory Form Instructions — 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) — Inventory Form Instructions — 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) — Inventory Form Instructions — T1WB4 Data — Voice Multiplexer — Shelf Assembly (J70177AP)

♠ 756-141-130 1 Form No. BISP 61-0130 (Program Matrix 0130) — Inventory Form Instructions — T1 Carrier — Four-Shelf T1DM — Multiplexer Assembly (J70177AE)

♠ 756-141-132 1 Form No. BISP 61-0132 (Program Matrix 0132) — Inventory Form Instructions — T2 Carrier Span Terminating Bay — Office Repeater Units

♠ 756-141-133 1 Form No. BISP 61-0133 (Program Matrix 0133) — Inventory Form Instructions — T2 Carrier Span Terminating Bay — Protection Switching, Power and Alarm Units

♠ 756-141-134 1 Form No. BISP 61-0134 (Program Matrix 0134) — Inventory Form Instructions — T2 Carrier Span Terminating Power Supply Bay

♠ 756-141-135 1 Form No. BISP 61-0135 (Program Matrix 0135) — Inventory Form Instructions — 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) — Inventory Form Instructions — T2 Carrier Intermediate Power Supply Bay and Repeater Bay Power Units

♠ 756-151-000 1 Plug-In Inventory Control System — Detailed Continuing Property Record — PICS/DCPR User's Manual — On-Line Programs

♠ 756-151-101 1 User's Manual — On-Line Inquiry Programs — Transaction Files

♠ 756-151-102 2 User's Manual — On-Line Inquiry Programs — Order Files

♠ 756-151-103 1 User's Manual — On-Line Inquiry Programs — CPR Inventory Files

♠ 756-151-104 1 User's Manual — On-Line Inquiry Programs — ECI Inventory Files

♠ 756-151-105 1 User's Manual — On-Line Inquiry Programs — Miscellaneous File

♠ 756-151-106 1 User's Manual — On-Line Inquiry Programs — Financial Reference File

♠ 756-151-107 1 User's Manual — On-Line Inquiry Programs — Location Table

♠ 756-151-108 1 User's Manual — On-Line Inquiry Programs — Equipment Table

♠ 756-151-201 1 User's Manual — On-Line Update Programs — Transactions

♠ 756-151-202 1 User's Manual — On-Line Update Programs — Order Files

♠ 756-151-203 1 User's Manual — On-Line Update Programs — CPR Inventory Files

♠ 756-151-204 1 User's Manual — On-Line Update Programs — ECI Inventory

♠ 756-151-205 2 User's Manual — On-Line Update Programs — Miscellaneous Files

♠ 756-151-206 2 User's Manual — On-Line Update Programs — Financial Reference Files

♠ 756-151-207 1 User's Manual — On-Line Update Programs — Location Tables

♠ 756-151-208 1 User's Manual — On-Line Update Programs — Equipment Tables

♠ 756-152-010 1 Batch Run Dependencies — Overview

♠ 756-152-110 1 Batch Run Dependencies — Plug-In Inventory Records

♠ 756-152-120 1 Batch Run Dependencies — Inventory and Investment

♠ 756-152-130 1 Batch Run Dependencies — Inventory Management Control

♠ 756-152-200 1 Batch Run Dependencies — Equipment Acquisition

♠ 756-152-210 1 Batch Run Dependencies — Circuit Orders

♠ 756-152-220 1 Batch Run Dependencies — Repair

♠ 756-152-230 1 Batch Run Dependencies — Back Orders

♠ 756-152-300 1 Batch Run Dependencies — DCPR Records

♠ 756-152-310 1 Batch Run Dependencies — DCPR Processing

♠ 756-152-320 1 Batch Run Dependencies — Monthlies

♠ 756-152-330 1 Batch Run Dependencies — Annuals

♠ 756-152-400 1 Batch Run Dependencies — On-Line System Performance

♠ 756-152-410 1 Batch Run Dependencies — Reference Files

♠ 756-152-420 1 Batch Run Dependencies — File Integrity Analysis

♠ 756-152-430 1 Batch Run Dependencies — System Backup and File Maintenance

♠ 756-153-011 1 User's Manual — Batch Runs — Create Reconciliation and Analysis History File

♠ 756-153-012 1 User's Manual — Batch Runs — PICS Report 40

♠ 756-153-014 1 User's Manual — Batch Runs — PICS Report 43C

♠ 756-153-101 1 User's Manual — Batch Runs — Extract ECI Conversion Table

♠ 756-153-102 1 User's Manual — Batch Runs — PICSUSER (Run 21)

♠ 756-153-103 1 User's Manual — Batch Runs — PICSCSER (Run 15)

♠ 756-153-104 2 User's Manual — Batch Runs — PICSRSER (Run 11)

♠ 756-153-105 1 User's Manual — Batch Runs — PICSPSER (Run 9)

♠ 756-153-106 1 User's Manual — Batch Runs PICSUECI (Run 7)

♠ 756-153-107 1 User's Manual — Batch Runs — PICSCECI (Run 17)

♠ 756-153-108 1 User's Manual — Batch Runs — PICSRECI (Run 13)

♠ 756-153-109 1 User's Manual — Batch Runs — PICSPECI (Run 19)

♠ 756-153-120 1 User's Manual — Batch Runs — Extract Location Conversion Table

♠ 756-153-121 1 User's Manual — Batch Runs — Extract Price Conversion Table

♠ 756-153-122 1 User's Manual — Batch Runs — Extract Tax Table

♠ 756-153-123 1 User's Manual — Batch Runs — Extract Reference Conversion Tables

♠ 756-153-125 1 User's Manual — Batch Runs — PICSCVRN (Run 4)

♠ 756-153-126 1 User's Manual — Batch Runs — PICSAGES (Run 5)

♠ 756-153-127 1 User's Manual — Batch Runs — PICSULOC (Run 8)

♠ 756-153-128 1 User's Manual — Batch Runs — PICSCLOC (Run 18)

♠ 756-153-129 1 User's Manual — Batch Runs — PICSRLOC (Run 14)

♠ 756-153-130 1 User's Manual — Batch Runs — PICSPLOC (Run 20)

♠ 756-153-131 1 User's Manual — Batch Runs — PICSUPRC (Run 6)

♠ 756-153-132 1 User's Manual — Batch Runs — PICSCPRC (Run 16)

♠ 756-153-133 1 User's Manual — Batch Runs — PICSRPRC (Run 12)

♠ 756-153-134 1 User's Manual — Batch Runs — PICSPPRC (Run 10)

♠ 756-153-151 1 User's Manual — Batch Runs — IH PICSCVRN (Run 4)

♠ 756-153-152 1 User's Manual — Batch Runs — IH PICSAGES (Run 5)

♠ 756-153-153 1 User's Manual — Batch Runs — IH PICSPPRC (Run 10)

♠ 756-153-154 1 User's Manual — Batch Runs — IH PICSPLOC (Run 20)

♠ 756-153-155 1 User's Manual — Batch Runs — CSRI Initialization

♠ 756-153-156 1 User's Manual — Batch Runs — CSRI File Backup

♠ 756-153-160 1 User's Manual — Batch Runs — Print Files 5, 7, 9

♠ 756-153-161 1 User's Manual — Batch Runs — Ordersub

♠ 756-153-162 1 User's Manual — Batch Runs — Zero CS CPR and ECI

♠ 756-153-163 1 User's Manual — Batch Runs — Restore File 5

♠ 756-153-164 1 User's Manual — Batch Runs — Restore File 7

♠ 756-153-165 1 User's Manual — Batch Runs — Restore File 9

♠ 756-153-166 1 User's Manual — Batch Runs — Newdiffr

♠ 756-153-167 1 User's Manual — Batch Runs — CSRI Actual Average Price Table

♠ 756-153-180 1 User's Manual — Batch Runs — CPR Update

♠ 756-153-181 1 User's Manual — Batch Runs — Load CS CPR

♠ 756-153-182 1 User's Manual — Batch Runs — Restore Original File 9 (MS CPR)

♠ 756-153-184 1 User's Manual — Batch Runs — File 9 Backup of MS CPR Load

♠ 756-153-185 1 User's Manual — Batch Runs — ECI Update

♠ 756-153-186 1 User's Manual — Batch Runs — Restore Original File 4 (MS LOC ECI)

♠ 756-153-188 1 User's Manual — Batch Runs — File 4 Backup of MS LOC ECI Load

♠ 756-153-189 1 User's Manual — Batch Runs — Load CS ECI

♠ 756-153-190 1 User's Manual — Batch Runs — Restore Original File 5 (MS CS ECI)

♠ 756-153-192 1 User's Manual — Batch Runs — File 5 Backup of MS CS ECI Load

♠ 756-153-201 1 User's Manual — Batch Runs — On-Line

♠ 756-153-211 1 User's Manual — Batch Runs — Print File 1

♠ 756-153-212 3 User's Manual — Batch Runs — Print File 2

♠ 756-153-213 1 User's Manual — Batch Runs — Print File 2A

♠ 756-153-214 1 User's Manual — Batch Runs — Print File 2B

♠ 756-153-215 1 User's Manual — Batch Runs — Print PIFC/J Draw

♠ 756-153-216 1 User's Manual — Batch Runs — Print File 3

♠ 756-153-217 1 User's Manual — Batch Runs — Print File 4

♠ 756-153-218 1 User's Manual — Batch Runs — Print File 4A

♠ 756-153-219 1 User's Manual — Batch Runs — Print File 5

♠ 756-153-220 1 User's Manual — Batch Runs — Print File 5A

♠ 756-153-221 1 User's Manual — Batch Runs — Print File 6

♠ 756-153-222 1 User's Manual — Batch Runs — Print File 7

♠ 756-153-223 1 User's Manual — Batch Runs — Print File 7A

♠ 756-153-224 1 User's Manual — Batch Runs — Print File 8

♠ 756-153-225 1 User's Manual — Batch Runs — Print File 9

♠ 756-153-226 1 User's Manual — Batch Runs — Print File 10

♠ 756-153-227 1 User's Manual — Batch Runs — Print File 11

♠ 756-153-228 1 User's Manual — Batch Runs — Print File 12

♠ 756-153-229 1 User's Manual — Batch Runs — Print File 13 (Back Orders)

♠ 756-153-230 1 User's Manual — Batch Runs — Print Pending Circuit Orders

♠ 756-153-231 1 User's Manual — Batch Runs — Print File 13 (Repair Log)

♠ 756-153-232 1 User's Manual — Batch Runs — Print File 14

♠ 756-153-233 1 User's Manual — Batch Runs — Print File 15

♠ 756-153-234 1 User's Manual — Batch Runs — Print File 18

♠ 756-153-235 1 User's Manual — Batch Runs — Print File 19

♠ 756-153-236 1 User's Manual — Batch Runs — Print File 20

♠ 756-153-237 1 User's Manual — Batch Runs — Print File 21

♠ 756-153-238 1 User's Manual — Batch Runs — Print File 22

♠ 756-153-239 1 User's Manual — Batch Runs — Print File 23

♠ 756-153-240 1 User's Manual — Batch Runs — Print Explosion Table Catalog

♠ 756-153-241 1 User's Manual — Batch Runs — Print File 24

♠ 756-153-242 1 User's Manual — Batch Runs — Print File 25

♠ 756-153-243 1 User's Manual — Batch Runs — Print Price Table Vertically

♠ 756-153-244 1 User's Manual — Batch Runs — Print File 6 by CPR

♠ 756-153-245 1 User's Manual — Batch Runs — Print File 6 by ECI

♠ 756-153-246 1 User's Manual — Batch Runs — Print File 2 With Indicators

♠ 756-153-247 1 User's Manual — Batch Runs — Print File 19(DR)

♠ 756-153-248 1 User's Manual — Batch Runs — Print File 4 by CLLC

♠ 756-153-249 1 User's Manual — Batch Runs — Print File 4 by Equipment Code

♠ 756-153-301 1 User's Manual — Batch Runs — PICS File Save

♠ 756-153-302 1 User's Manual — Batch Runs — Daily Performance Statistics

♠ 756-153-303 1 User's Manual — Batch Runs — Weekly Performance Statistics

♠ 756-153-304 1 User's Manual — Batch Runs — Print Reconciliation and File Analysis Reports

♠ 756-153-305 1 User's Manual — Batch Runs — Print Shipping Notice

♠ 756-153-306 1 User's Manual — Batch Runs — Reorganize File 6

♠ 756-153-307 1 User's Manual — Batch Runs — Reorganize File 17

♠ 756-153-308 1 User's Manual — Batch Runs — Reorganize File 24

♠ 756-153-401 1 User's Manual — Batch Runs — PICS File Restore A

♠ 756-153-402 1 User's Manual — Batch Runs — PICS File Restore B

♠ 756-153-501 1 User's Manual — Batch Runs — Transaction Delete

♠ 756-153-502 1 User's Manual — Batch Runs — File 7 Purge

♠ 756-153-503 1 User's Manual — Batch Runs — File 13 Purge

♠ 756-153-504 1 User's Manual — Batch Runs — File 15 Purge

♠ 756-153-505 1 User's Manual — Batch Runs — Update Tax Table

♠ 756-153-507 1 User's Manual — Batch Runs — CPR Catalog Update

♠ 756-153-508 1 User's Manual — Batch Runs — Check ECI to ECIG

♠ 756-153-509 1 User's Manual — Batch Runs — Price Table Update

♠ 756-153-510 1 User's Manual — Batch Runs — Price Table Restore

♠ 756-153-511 1 User's Manual — Batch Runs — Delete ECI

♠ 756-153-512 1 User's Manual — Batch Runs — MS Delete ECI

♠ 756-153-611 1 User's Manual — Batch Runs — Change HW Reconciliation Limits

♠ 756-153-612 1 User's Manual — Batch Runs — Change PI Definition

♠ 756-153-613 1 User's Manual — Batch Runs — Change PIOC Retirement Default Factor

♠ 756-153-614 1 User's Manual — Batch Runs — PICS Monthly Initialization

♠ 756-153-615 1 User's Manual — Batch Runs — PIOC Factor Initialization

♠ 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 User's Manual — Batch Runs — Develop Hard-wired Balances

♠ 756-153-782 1 User's Manual — Batch Runs — Preinventory CPR Summary

♠ 756-153-784 1 User's Manual — Batch Runs — Print CPR Pointers

♠ 756-153-785 1 User's Manual — Batch Runs — Print Central Stock CPR Summary

♠ 756-153-786 1 User's Manual — Batch Runs — Pointer Overflow Analysis

♠ 756-153-787 1 User's Manual — Batch Runs — File 22 Analysis

♠ 756-153-788 1 User's Manual — Batch Runs — Print CPR by Location

♠ 756-153-789 1 User's Manual — Batch Runs — Depreciation vs DR Dollars Report

♠ 756-153-792 1 User's Manual — Batch Runs — DR Incomplete Equipment Category Codes

♠ 756-153-794 1 User's Manual — Batch Runs — File 09 Dollar Balancing Initialization

♠ 756-153-795 1 User's Manual — Batch Runs — File 09 Dollar Balancing

♠ 756-153-796 1 User's Manual — Batch Runs — Transfer MD300 Plug-Ins

♠ 756-153-801 1 User's Manual — Batch Runs — PICS Report 30

♠ 756-153-802 1 User's Manual — Batch Runs — PICS Report 4R

♠ 756-153-803 1 User's Manual — Batch Runs — PICS Report 41

♠ 756-153-804 1 User's Manual — Batch Runs — PICS Report 40R

♠ 756-153-805 1 User's Manual — Batch Runs — PICS Report 41R

♠ 756-153-821 1 User's Manual — Batch Runs — PICS Report 1A

♠ 756-153-822 1 User's Manual — Batch Runs — PICS Report 1B

♠ 756-153-823 1 User's Manual — Batch Runs — PICS Report 1D

♠ 756-153-824 1 User's Manual — Batch Runs — PICS Report 1E

♠ 756-153-825 1 User's Manual — Batch Runs — PICS Report 6

♠ 756-153-826 1 User's Manual — Batch Runs — PICS Report 1C

♠ 756-153-832 1 User's Manual — Batch Runs — PICS Report 8

♠ 756-153-833 1 User's Manual — Batch Runs — PICS Report 43R

♠ 756-153-834 1 User's Manual — Batch Runs — Daily Shipping Notice Summary

♠ 756-153-835 1 User's Manual — Batch Runs — Transaction File Summary

♠ 756-153-837 1 User's Manual — Batch Runs — ECI/CPR Record Mismatch Report

♠ 756-153-838 1 User's Manual — Batch Runs — Shortage/Overage Correction Report

♠ 756-153-839 1 User's Manual — Batch Runs — PICS Report 5

♠ 756-153-840 1 User's Manual — Batch Runs — Print Overdue Circuit Orders

♠ 756-153-841 1 User's Manual — Batch Runs — PICS Report 4

♠ 756-153-842 1 User's Manual — Batch Runs — PICS Report 7

♠ 756-153-843 1 User's Manual — Batch Runs — Back-Order Reconciliation Report

♠ 756-153-844 1 User's Manual — Batch Runs — Back-Order Summary Report

♠ 756-153-845 1 User's Manual — Batch Runs — Central Stock Back-Order Records

♠ 756-153-846 1 User's Manual — Batch Runs — PICS Report 12

♠ 756-153-847 1 User's Manual — Batch Runs — PICS Report 13

♠ 756-153-848 1 User's Manual — Batch Runs — PICS Report 13A

♠ 756-153-849 1 User's Manual — Batch Runs — PICS Report 14

♠ 756-153-921 1 User's Manual — Batch Runs — Create Maximum Spare Levels

♠ 756-153-922 1 User's Manual — Batch Runs — CS/CO Plug-In Availability Report

♠ 756-153-923 1 User's Manual — Batch Runs — Central Stock Reorder Summary

♠ 756-153-924 1 User's Manual — Batch Runs — Reset CS Movement Fields

♠ 756-153-925 1 User's Manual — Batch Runs — Central Office Overstock Summary

♠ 756-159-000 1 Plug-In Inventory Control System — Detailed Continuing Property Record — PICS/DCPR Forms Guide

♠ 756-160-310 1 PICS/2 — Plug-In Movement — Student Workbook — Receive Inputs — 300.A

♠ 756-160-320 1 PICS/2 — Plug-In Movement — Student Workbook — Process Work Orders — 300.B, Part 1

♠ 756-160-321 1 PICS/2 — Plug-In Movement — Student Workbook — Process Work Orders — 300.B, Part 2

♠ 756-160-330 1 PICS/2 — Plug-In Movement — Student's Workbook — Control Forms — 300.C

♠ 756-160-340 1 PICS/DCPR Plug-In Movement — Student's Workbook — Initiate Transactions — 300.D

♠ 756-160-350 1 Plug-In Movement — Student Workbook — Verify Transactions — 300.E

♠ 756-160-360 1 Plug-In Movement — Student's Workbook — Correct Errors — 300.F

♠ 756-161-310 1 PICS/2 — Plug-In Movement — Instructor's Guide — Receiver Inputs — 300.A

♠ 756-161-320 1 PICS/2 — Plug-In Movement — Instructor's Guide — Process Work Orders — 300.B, Part 1

♠ 756-161-321 1 PICS/2 — Plug-In Movement — Instructor's Guide — Process Work Orders — 300.B, Part 2

♠ 756-161-330 1 PICS/2 — Plug-In Movement — Instructor's Guide — Control Forms — 300.C

♠ 756-161-340 1 Plug-In Movement — Instructor's Guide — Initiate Transactions — 300.D

♠ 756-161-350 1 Plug-In Movement — Instructor's Guide — Verify Transactions — 300.E

♠ 756-161-360	1	Plug-In Movement — Instructor's Guide — Correct Errors — 300.F
♠ 756-162-101	2	The Evolution of PICS — A BISP Product (16 mm Film)
♠ 756-162-110	1	PICS/2 — System Orientation Manual — Part 1 — General Orientation
♠ 756-162-111	1	PICS/2 — System Orientation Manual — Part 2 — Plug-In Acquisition and Repair
♠ 756-162-112	1	PICS/2 — System Orientation Manual — Part 3 — Plug-In Movement
♠ 756-162-113	1	PICS/2 — System Orientation Manual — Part 4 — Reference File Maintenance
♠ 756-162-114	1	PICS/2 — System Orientation Manual — Part 5 — Detailed Continuing Property Record (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
♠ 756-163-000	1	Slide/Tape Orientation
♠ 756-169-310	1	PICS/2 — Plug-In Movement — Instructor's Answer Book — Receive Inputs — 300.A
♠ 756-169-320	1	PICS/2 — Plug-In Movement — Answer Book — Process Work Orders — 300.B, Part 1
♠ 756-169-321	1	PICS/2 — Plug-In Movement — Instructor's Answer Book — Process Work Orders — 300.B, Part 2
♠ 756-169-330	1	PICS/2 — Plug-In Movement — Instructor's Answer Book — Control Forms — 300.C
♠ 756-169-340	1	Plug-In Movement — Instructor's Answer Book — Initiate Transactions — 300.D
♠ 756-169-350	1	Plug-In Movement — Instructor's Answer Book — Verify Transactions — 300.E
♠ 756-169-360	1	Plug-In Movement — Instructor's Answer Book — Correct Errors — 300.F
♠ 756-170-310	1	PICS/2 — Plug-In Movement — Position Practice — Receive Inputs — 300.A
♠ 756-170-320	1	PICS/2 — Plug-In Movement — Position Practice — Process Work Orders
♠ 756-170-330	1	PICS/2 — Plug-In Movement — Position Practice — MOV — Control Forms — 300.C
♠ 756-170-340	1	PICS/2 — Plug-In Movement — Position Practice — Initiate Transactions — 300.D
♠ 756-170-350	1	PICS/2 — Plug-In Movement — Position Practice — Verify Transactions
♠ 756-170-360	1	PICS/2 — Plug-In Movement — Position Practice — Correct Errors — 300.F
♠ 756-172-100	1	PICS/2 — Program Folders
♠ 756-173-100	1	Run Processing Folders
♠ 756-174-100	1	Process Entity Folders
♠ 756-175-100	1	Load Module Folders
♠ 756-180-100	1	Central Stock — Administrative Guide
♠ 756-180-200	1	PICS/1 — Operations Audit Manual
♠ 756-180-210	1	Audit Manual
♠ 756-182-200	1	EDP System Manual — Introduction and Index
♠ 756-182-201	1	EDP System Manual — EDP System Overview
♠ 756-182-202	2	EDP System Manual — Hardware Configuration
♠ 756-182-203	1	EDP System Manual — Software Environment
♠ 756-182-204	1	EDP System Manual — Telecommunications
♠ 756-182-205	1	EDP System Manual — Maintenance
♠ 756-182-206	1	EDP System Manual — PSS — Computer Center Operations
♠ 756-182-207	1	EDP System Manual — Backup and Reconstruction
♠ 756-182-208	1	EDP System Manual — File Reorganization and Storage Allocation
♠ 756-182-209	1	EDP System Manual — Data Base Purge Procedures
♠ 756-182-210	1	EDP System Manual — Security Maintenance
♠ 756-182-211	1	EDP System Manual — Performance Evaluation
♠ 756-182-212	1	EDP System Manual — Inventory and Conversion Subsystem
♠ 756-182-213	1	EDP System Manual — Monthly Processes
♠ 756-182-214	1	EDP System Manual — Annual Processes
♠ 756-182-215	1	EDP System Manual — Messages and Codes
♠ 756-182-216	1	EDP System Manual — Data Base and Machine Interface Layouts
♠ 756-182-217	1	EDP System Manual — Program Linkage Trees
♠ 756-182-910	1	Amigos User's Manual
♠ 756-182-920	1	Hyper-Faster User's Manual

756-3 S&E TRUNK FORECASTING

756-365-130	1	No. 5 Crossbar — Central Office Equipment Reports — Instructor Guide — Office Characteristics — Card 100 — Input Position
756-365-131	1	No. 5 Crossbar — Central Office Equipment Reports — Student Manual — Office Characteristics — Card 100 — Input Position
756-365-132	1	No. 5 Crossbar — Central Office Equipment Reports — Instructor Guide — Busy Hour Determination — Card 200 — Input Position

756-365-133	1	No. 5 Crossbar — Central Office Equipment Reports — Student Manual — Busy Hour Determination — Card 200 — Input Position
756-365-134	1	No. 5 Crossbar — Central Office Equipment Reports — Instructor Guide — Main Station Statistics — Card 410 — Input Position
756-365-135	1	No. 5 Crossbar — Central Office Equipment Reports — Student Manual — Main Station Statistics — Card 410 — Input Position
756-365-136	1	No. 5 Crossbar — Central Office Equipment Reports — Instructor Guide — Main Station Statistics — Card 420 — Input Position
756-365-137	1	No. 5 Crossbar — Central Office Equipment Reports — Student Manual — Main Station Statistics — Card 420 — Input Position
756-365-138	1	No. 5 Crossbar — Central Office Equipment Reports — Instructor Guide — Main Station Statistics Cards 430-440-450 — Input Position
756-365-139	1	No. 5 Crossbar — Central Office Equipment Reports — Student Manual — Main Station Statistics Cards 430-440-450 — Input Position
756-365-140	1	No. 5 Crossbar — Central Office Equipment Reports — Instructor Guide — Trunk Statistics — Card 460 — Input Position
756-365-141	1	No. 5 Crossbar — Central Office Equipment Reports — Student Manual — Trunk Statistics — Card 460 — Input Position
756-365-142	1	No. 5 Crossbar — Central Office Equipment Reports — Instructor Guide — Trunk Statistics — Card 470 — Input Position
756-365-143	1	No. 5 Crossbar — Central Office Equipment Reports — Student Manual — Trunk Statistics — Card 470 — Input Position
756-365-144	1	No. 5 Crossbar — Central Office Equipment Reports — Instructor Guide — Recycle Control — Card 500 — Input Position
756-365-145	1	No. 5 Crossbar — Central Office Equipment Reports — Student Manual — Recycle Control — Card 500 — Input Position
756-365-146	1	No. 5 Crossbar — Central Office Equipment Reports — Instructor Guide — Report Control — Card 501 — Input Position
756-365-147	1	No. 5 Crossbar — Central Office Equipment Reports — Student Manual — Report Control — Card 501 — Input Position
756-365-148	1	No. 5 Crossbar — Central Office Equipment Reports — Instructor Guide — Miscellaneous Traffic Measurement — Card 502-503 — Input Position
756-365-149	1	No. 5 Crossbar — Central Office Equipment Reports — Student Manual — Miscellaneous Traffic Measurement — Card 502-503 — Input Position
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	800-610-166	1	No. 4 ESS — Central Office Frame Location Numbering Plan — Switching Systems

Woodwork and Metalwork

	800-611-150	3	Woodwork and Associated Materials
Add	800-611-151	1	
	800-611-151	3	Metal Work
	800-611-152	3	Asbestos Composition Panels
Add	800-611-153	1	
	800-611-153	10	Finishes for Equipment Purposes

Wiring and Cabling

Add	800-612-150	1	
	800-612-150	2	Specific Requirements for Wiring and Cabling — Electronic Type Equipment
	800-612-151	5	Design of Cable Forms
	800-612-152	5	Stripping and Butting Cables
	800-612-153	10	Forming, Fanning, Sewing, and Skinning
	800-612-154	11	Connecting and Soldering Individual Conductors
	800-612-156	9	Placing, Securing, and Supporting Cable Forms Including Unequipped Forms
	800-612-157	9	Protection of Cable Forms and Skinners and Repair of Insulation
	800-612-158	6	Splicing Switchboard and Lead-Covered Cables, Local Cables, and Individual Conductors
	800-612-159	8	Strapping and Cross Connections
	800-612-160	7	Dressing of Skinners

Add	800-612-161	1	
	800-612-161	9	Color Combinations and Uses
	800-612-162	10	Selection of Switchboard Cables (Including Coaxial and Shielded Office Cable)
Add	800-612-163	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

Numbering and Lettering

800-613-150	10	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
Add 800-613-161	1	
800-613-161	1	Specific Requirements for Apparatus and Equipment — Electronic Type

Installation

800-614-150	4	General Installation Requirements
800-614-151	6	Emergency Alarm Systems Including Automatic Fire-Detection Feature
800-614-152	8	Switchboard, Power, and Local Power Cables
800-614-153	5	Sheathing for Cable Openings
800-614-154	9	Location, Erection, and Assembly of Equipment
Add 800-614-155	2	
800-614-155	9	Auxiliary Framing — Low-Type
Add 800-614-156	1	
800-614-156	5	Auxiliary Framing (High Type) and Frame Supports Installing
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
Add 800-614-161	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

Performance

800-630-180	3	Performance Requirements — General

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
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 EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — COMMON SYSTEMS

801-0 Index, Distributing Frames, Racks, Ladders, Casings, Cabinets, Fuse Bays, and Miscellaneous Frames and Equipment
- -1 Minicomputer Equipment
- -2 Test Equipment
- -4 Line Balancing and Delay Equalizing, Repeating Coils, VF Repeaters, VF Maintenance, Radio and Carrier
- -5 Digital Transmission Facilities
- -6 Alarm, Announcement, Selective Signaling, Warning, Alerting, Air Ground Communication, Code Calling, Reporting, Signaling Systems and Signaling Equipment
- -7 PICTUREPHONE Equipment
- -8 Electronic Switching Type Equipment

801-0 INDEX, DISTRIBUTING FRAMES, RACKS, LADDERS, CASINGS, CABINETS, FUSE BAYS, AND MISCELLANEOUS FRAMES AND EQUIPMENT

♠ 801-000-000 15 Numerical Index — Division 801 — Equipment Design and General Equipment Requirements and Engineering Information — Common Systems

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

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

Add 801-006-155 1
801-006-155 4 (J97025) — Relay Rack — Angle Type Framework and Cabling

Add 801-006-156 1
801-006-156 5 (J97021) — Message Register Rack — Unit Type

801-006-157 7 (J92603) — Traffic Register Equipment

Add 801-006-158 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

Ladders

801-007-150 5 (J90604) — Ladders, Benches, and Stools — Application Practices

801-007-151 3 (J90605) — Rolling Ladders — Track Type

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

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Fuse Bays

Add 801-010-150 1
801-010-150 3 (J97033) — Angle Relay Rack Type

Add 801-010-151 1
801-010-151 4 (J97037) — Bulb Angle Type Relay Rack — Arranged for 70-Type Fuses

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

Miscellaneous Equipment

801-025-150 9 (J99234) — Long Line Equipment for Subscriber Lines to a Central Office

Add 801-025-153 1
801-025-153 1 (J99242) — Miscellaneous Central Office Equipment Covered by Equipment Drawing Codes

Add 801-025-154 1
801-025-154 1 (J99243) — 4-Wire Bridging Arrangement Using 2-Way Speech Multipoint System — Central Amplifier Circuit

Add 801-025-155 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

801-025-163 13 (J93016) — Relay Rack Mounted Equipment for Traffic, Maintenance Desks, and Frames

801-025-164 3 (J93012) — Relay Rack Mounted Equipment for Local Manual or Combined Local Manual and Toll Offices Interconnected by Intertoll 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

Add 801-025-174 1
801-025-174 4 (J99259) - No. 1A Line Concentrator — Remote Units

Add 801-025-175 1
801-025-175 4 (J99258) — No. 1A Line Concentrator — Control Frames and Units

801-025-176 2 (J99305) — Line Concentrator No. 2B — Control Frame

801-025-177 2 (J99306) — Line Concentrator No. 2B — Remote Frame

801-025-178 2 (J99295) — Line Concentrator No. 2A — Remote Frame

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)

Add 801-026-155 1
801-026-155 2 (J99340) — General Purpose 4-Wire — Order Circuit Equipment

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

Add 801-026-166 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

Add 801-026-173 1
801-026-173 1 (J99391) — Message Printer Unit

801-026-180 1 Performance Requirements — No. 1 Trunk Concentrator

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

Add 801-100-152 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

Add 801-205-152 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

Add 801-205-172 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

Add 801-206-152 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

Test Cabinets, Test Desks, Desks, Key Cabinets Testboards, Test Units

801-220-150 2 (J94717) — Local Test Cabinet No. 2 — (Box Type)

Add 801-220-151 2
801-220-151 7 (J94709) — No. 3 Local Test Cabinet

801-221-150 8 (J95001) — Loudspeaking Telephone System for Communication Between No. 14 Local Test Desk or No. 3 Cable Test Desk and Distributing Frames

Add 801-221-151 2
801-221-151 9 (J95002) — No. 14 Local Test Desk

801-221-152 4 (J95003) — No. 3 Cable Test Desk

Add 801-221-154 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

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

Add 801-225-160 1
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

Transmission and Noise Measuring Equipment

Specifications

801-250-150 10 (J94002) — 2-Type Panels, Units, and Portable Test Sets for Transmission Measuring

Add 801-250-151 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)

Add 801-250-154 3
801-250-154 8 (J94006) — Transmission Measuring — 6-Type Noise Measuring Equipment

Add 801-250-155 1
801-250-155 2 (J94007) — Transmission Measuring Carrier Frequency Noise — Measuring Set

801-250-157 3 (J94022) — Transmission Measuring — 22A Milliwatt Reference Meter

Add 801-250-158 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

Add 801-250-167 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

Add 801-250-170 1
801-250-170 2 (J94008) — 8-Type Tone Detector — Transmission Measuring

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

Performance Requirements

801-270-180 1 Amplifiers and Weighting Networks for Testing and Maintenance

801-270-181 2 (J68831A) — Visual Transmission Measuring Set

801-4 LINE BALANCING AND DELAY EQUALIZING, REPEATING COILS, VF REPEATERS, VF MAINTENANCE, RADIO AND CARRIER

Line Balancing, Delay Equalizing, Repeating Coils

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

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 Performance Requirements — E1 Telephone Repeater SD-95465-01 (J98611A)

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

Add 801-406-152 1
801-406-152 2 (J98619) — Message and Signal Repeater for Long Subscriber Loops

801-406-160 9 (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 2 (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

Add 801-407-159 1
801-407-159 2 (J98629) — Unitized Analog Facility Terminal With A6B/DFSG Channel Banks, VF Attenuation and Optional F Signaling and 4A Echo Suppressors and Optional 2B or 2BX SMAS — No. 3 Maintenance Connectors

801-407-160 2 (J98631) — Miniature Range Extender With Voice Frequency Gain (Mini-REG)

801-407-180 1 Performance Requirements — J99338 Switched Gain Repeater

Add 801-408-150 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( )

Add 801-408-152 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

Radio

Specifications

801-415-150 3 (J99303) — Short Haul Radio Systems — TJ, TL-2, and TM-1 — Application Specification

Add 801-415-151 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

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

Add 801-432-151 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

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)

Add 801-441-150 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

Add 801-450-151 1
801-450-151 4 (J1C049) — Subscriber Loop Carrier-40 (SLC-40)

801-5 DIGITAL TRANSMISSION FACILITIES

Channel Banks

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 2 (J98733) — Voice Frequency Transmission — Unitized Digital Transmission Facilities Terminal, D4 Channel Banks With SMAS 3 or SMAS 5 Access Circuit

Performance Requirements

801-505-180 1 T-1 Carrier Terminal Bay — (D1 Bank)

801-505-181 1 D2 Channel Bank

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 T4M Digital Coaxial Line — Span Terminating Frame (J98721A, B)

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 MX3 Multiplex Assembly J98734M

801-525-186 1 MX3 Lightwave Terminating Multiplex Assembly J98734L

801-525-187 2 FT3 Line Repeater Bay

801-525-189 1 Digital Multiplex/Demultiplex — Circuit Type MIC-A

Trademark of AT&T Technologies

801-6 ALARM, ANNOUNCEMENT, SELECTIVE SIGNALING, WARNING, ALERTING, AIR GROUND COMMUNICATION, CODE CALLING, REPORTING, SIGNALING SYSTEMS AND SIGNALING EQUIPMENT

Alarms

Specifications

Add 801-601-150 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

Add 801-601-153 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 Central Office Alarm System — NJ01046 — Strapping and Interconnection Instructions

Announcement Systems

Specifications

Add 801-603-150 1
801-603-150 9 (J95403) — Announcement Supply Equipment

Add 801-603-151 1
801-603-151 3 (J95410) — 2B — For Subscriber Operated Announcement Service

801-603-152 1 (J95418) — No. 2D

Add 801-603-153 1
801-603-153 6 (J95411) — No. 3A — Equipment Design Requirements

801-603-154 4 (J95415) — Emergency

801-603-155 5 (J95416) — No. 4A

Add 801-603-156 1
801-603-156 5 (J95417) — No. 6A — For Machine Intercept Service

Add 801-603-157 1
801-603-157 3 (J95420) — 8A

Add 801-603-158 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

801-603-170 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

Add 801-606-155 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

Reporting

Add 801-608-150 1
801-608-150 6 (J99244) — 520A Emergency Reporting System

801-608-151 6 (J99246) — 520B Emergency Reporting System

Add 801-608-154 1
801-608-154 4 (J99257) — 520D Emergency Reporting System

Add 801-608-155 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 Performance Requirements — J98609 Multifrequency Pulsing Supply

Touch-Tone Calling

801-621-150 2 (J99266) — Receiver

801-621-151 3 (J99289) — Receiver — Type A3

Add 801-621-152 1
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

Metallic Terminal System

801-630-150 3 (J1C015) — Metallic Terminal System

Signaling Equipment

CX, SX

801-640-150 7 (J98602) — Composite Signaling — Signaling, Signal Converting, Repeating Coil, Balancing Network, and Compromise Network Units

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

FSP

801-641-150 1 (J95113) — B1 Frequency Shift Pulsing — Transmitting Equipment

801-641-151 1 (J95114) — B1 Frequency Shift Pulsing — Receiving Equipment

E-Type

Add 801-642-150 1
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 Performance Requirements — J98613B 2600-Cycle Supply Unit (SD-98080-01)

F-Type

801-643-150 9 (J99335) — AC Trunk Signaling System

801-643-155 1 (J99349) — Customer Premises — Signaling and Transmission Equipment

G-Type

801-644-150 2 (J99395) — SF Signaling System — Type G, Standalone Bay

Add 801-644-151 1
801-644-151 1 (J99396) — SF Signaling System — Type G, Consolidated Bay

Add 801-644-152 1
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

801-701-150 1 (J1C150) — Video Loop Equipment

Add 801-701-152 1
801-701-152 1 (J99341) — Wideband Remote Switch and Wideband Supplementary Remote Switch Frames

801-702-001 1 (J90104) — PICTUREPHONE Meeting Service (PMS) — Room Controller — Equipment Design Requirements — Common Systems

801-8 ELECTRONIC SWITCHING TYPE EQUIPMENT

Miscellaneous

801-801-150 3 (J1A044) — Main, Intermediate, and Trunk Distributing Frames

801-801-151 2 (J1C035) — Teletypewriter Equipment for Use With No. 1 ESS in the Same or Distant Building

801-801-152 2 (J1C037) — Station Identification Frame — PBX Automatic Identified Outward Dialing — Type A2

Add 801-801-153 1
801-801-153 3 (J1C000) — Station Identification Frame — PBX Automatic Identified Outward Dialing — Type A1

801-801-154 3 (J1A050) — Protector Frame — No. 1 Electronic Switching Systems

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

Stored Program Control No. 1A

801-820-150 2 (J1C020) — Processor Frame

801-820-151 6 (J1C021) — Control and Display Program Tape and Teletypewriter Frame

801-820-152 4 (J1C022) — Master Scanner Frame

801-820-153 4 (J1C023) — Signal Distribution Frame

801-820-154 3 (J1C024) — Central Pulse Distributor Frame

801-820-156 4 (J1C026) — Store Frame

801-820-157 3 (J1C027) — General

801-820-158 1 (J1C028) — Limiting Conductor Conditions

801-820-159 2 (J1C029) — Test and Maintenance Sets

801-820-160 3 (J1C083) — Common ESS — IGFET Store Frame and SSAS Announcement Store

801-820-161 2 (J1C030) — Peripheral System Interface Frame — Stored Program Control No. 1B

3A Central Control

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

801-822-154 1 (J1C054) — Teletypewriter Controller Unit — No. 2B and No. 3 ESS

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

801-822-161 1 (J1C061) — Maintenance Frame Power Unit

801-822-164 1 (J1C064) — Power Unit — Supplementary Main Store Frame

801-822-165 1 (J1C065) — Supplementary Main Store Frame

Auxiliary Data Processors

801-823-150 2 Programmable Controller

801-823-151 1 Writable Program/Data Store (J1C122)

DIVISION 802 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — POWER SYSTEMS

802-0 Indexes, General Information, and Miscellaneous Equipments
-1 Regulators, Battery and Charging Equipments, Control and Fuse Boards, and Power Distributing Equipment
-2 Inverter and Converter Equipments
-3 Power Supplies
-4 Rectifiers (See also Power Supplies)
-5 Submarine Cable Systems
-6 Power Plants — Miscellaneous and 100-Type
-7 Power Plants — 200-, 300-, and 400-Types
-8 Power Plants — 500-, 600-, and 700-Types
-9 Power Plants — 800- and 900-Types

802-0 INDEXES, GENERAL INFORMATION, AND MISCELLANEOUS EQUIPMENTS

Indexes

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802-001-151 4 (J86500) - List of Power Plants and Miscellaneous Power Equipments

802-001-152 5 (J86200) - List of Rectifiers, Voltage Regulators, Vibrator-Inverters, Power Units, and Power Supplies

802-001-180 10 Protective Grounding Systems — General Grounding Requirements for Communication Systems in Central Offices, Radio Stations and Other Structures

802-001-181 1 Performance Requirements — For AMA No. 1 Accounting Center — Power Plant

802-001-182 2 Performance Requirements — TH Radio Tube Cooling System

802-001-190 1 Protective Grounding Systems — Equipment Ground Systems Material — General Equipment Requirements — Power Systems

802-001-191 1 Protective Grounding Systems — Office Ground Electrodes — Power Systems

802-001-192 1 Protective Grounding Systems — Equipment Ground System, Central Offices (CO GRD)

802-001-193 2 Protective Grounding Systems — Equipment Ground System, Central Offices — General Interface Requirements for DC Power and Communication Systems

802-001-194 1 Protective Grounding Systems — Equipment Ground System, Central Offices — General Interface Requirements for Manual Toll Relay Rack Ground System

802-001-195 2 Protective Grounding System — Equipment Ground System, Central Offices — General Interface Requirements for Electronic Switching Systems

802-001-196 1 Protective Grounding Systems — General Grounding Requirement for Data-Processing Computer — System Installation

802-001-197 1 Protective Grounding Systems — General Equipment Ground Requirements for Microwave Radio Main and Auxiliary Stations

802-001-198 1 Protective Grounding Systems — General Equipment Ground Requirements for AC Service Distribution Systems in Building Housing Communication Systems — Power Systems

802-002-150 6 (J86421) - J2 and "K" Carrier — Main Repeater and Terminal Stations — Power Requirements

802-003-150 1 (J86719) - Modification of Ringing Power Plants — To Avoid Interference With 1000-Cycle Signaling Systems

802-003-151 7 (J86720) - Modification of Power Plants — For Automatic Control and Regulation of Motor-Generator Sets and Regulated Rectifiers

802-003-152 3 (J86741) - Modification of Power Plants and Rectifiers Using KS-20522 Controller for Ammeter Type Relays

802-004-151 2 (J86735) - Power Service Equipment and Calculations

802-004-152 1 (J86734) - Ringing Generator Calculations

802-005-150 2 (J86432) - Bus Bar and Cabling Arrangements — 111A, 302A, 303A, 702C, and 708A Power Plants

802-005-180 12 Assembly and Installation of Power Plant Bus Bar and Wiring

802-005-181 1 Assembly and Installation of Cable Rack, Conduit, and Auxiliary Framing

Add 802-006-150 1
802-006-150 1 (J86836) - Exhaust Line Size Requirements — For 20- to 500-KW — Stationary Diesel Engine-Alternator Plants

802-006-180 6 Installation of Internal Combustion Engines and Associated Piping

802-007-150 5 (J86413) - Mounting and Spacing Information — Miscellaneous Power Plant Equipment

802-007-180 7 Painting of Battery Rooms and Equipment

Miscellaneous Equipments

802-010-150 3 (J86728) - Ventilating Equipment — For Rooms Having Engine-Driven Generators

802-011-150 1 (J85512) - Modular Cooling System Planning and Engineering Guidelines

802-015-150 3 (J85505) - Central Office Lighting — Fluorescent Type

802-015-151 5 (J85506) - Bus Duct — KS-20085 Trolley Type

802-015-152 3 (J85507) - Frame and Aisle Lighting Equipment — KS-15673 Fluorescent Type Track Integrated Fixture

802-015-153 2 (J85508) - Power and Engine Room Lighting Equipment — Fluorescent Type

802-015-154 1 (J85509) - Air Navigation Obstruction Lighting — Control and Alarm Cabinets

802-015-157 8 (J95501) - Frame and Aisle Lighting — Incandescent Type — Appliance Outlets and Miscellaneous Conduits

802-015-158 5 (J95502) - Emergency Lighting Equipment — Battery Type for Central Offices

802-015-159 4 (J95503) - Central Office Lighting — Fluorescent Type for Distributing and Protector Frames

802-015-160 2 (J85515) - Central Office Lighting — Fluorescent Type

Add 802-025-150 1
802-025-150 2 (J87299) - Control Equipment — Printed Wiring Board Assemblies

802-025-151 1 (J87390) - Regulation and Control Units for Thyristor DC-to-DC Converters

Add 802-026-150 1
802-026-150 2 (J86482) - AC Service Equipment — For TH Radio System — 120/208 and 230 Volts

802-027-150 3 (J86486) - Tube Cooling System — For TH Radio System

802-028-150 3 (J86845) - Signaling Circuit — Busy Tone Supply — J86845A — 4-Wire Voice/Record Network — J86845B — Basic 911 Emergency Service

802-028-151 1 (J87353) - Precise Busy Tone Supply for Small Step-by-Step Offices

802-028-152 1 (J87395) - Interrupter Unit — 30, 60, and 120 IPM

802-029-150 12 (J86212) - Small Ringing and Signaling Equipments

Add 802-029-151 1
802-029-151 5 (J86726) - Small Signaling Equipments

802-029-152 10 (J86727) - Small Ringing Equipment

Add 802-029-153 2
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

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 11 (J86725) - AC No-Voltage and Low-Voltage Alarm and Automatic Engine Alarm Equipments

802-033-151 4 (J87253) - Power Supply Transfer and Alarm Unit — Semiconductor Type — −24 Volt Input

Add 802-034-150 1
802-034-150 3 (J86634) - Automatic Solid State Control Unit For Reserve Diesel-Engine Alternator Plants

802-034-151 2 (J86742) - AC Reserve Energy System — Controller for Automatic Paralleling and Load Management

802-034-152 3 (J86743) - AC Reserve Energy System — Universal Engine Control

802-034-154 3 (J85520) - Microprocessor Controller for Diesel Engine-Alternator Sets

802-034-155 1 (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

802-1 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

Add 802-103-150 1
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

Add 802-105-150 1
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

Add 802-125-150 2
802-125-150 4 (J87120) - For 702C and 708A Power Plants

Add 802-125-151 1
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

Add 802-126-150 1
802-126-150 4 (J87110) - Battery Stand Equipments for 301C Power Plants — 24 and 48 Volts, 4000 Amperes

Add 802-126-151 2
802-126-151 4 (J87115) - Battery Stand Equipments for 302A and 302B Power Plant

Add 802-126-152 2
802-126-152 3 (J87121) - Battery Stand Equipments for 48-Volt 303A Power Plants

Add 802-126-153 2
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) - BELLMASTER Battery Equipment 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

802-127-157 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

Add 802-151-160 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

Add 802-175-150 1
802-175-150 10 (J86323) - Main Control Board — For 302A and 302B Power Plants — 24 and 48 Volts, 100 to 10,000 Amperes

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) - BELLMASTER* Controller — For 24- or 48-Volt Power Plants

Add 802-185-150 1
802-185-150 8 (J86322) - Battery Control Boards — For 302A and 302B Power Plants — 24 and 48 Volts, 2000 to 10,000 Amperes

Add 802-185-151 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

802-195-155 2 (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

Add 802-206-150 1
802-206-150 4 (J87428) - 59.5 Hz, 1.5 kW, 120 Volts — Single Phase

Add 802-206-151 1
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

802-213-153 3 (J87389) - DC-to-DC Converters — Semiconductor Type-Regulated — Numbers 1A, 2B, 3, 4 ESS, 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 3 (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

Add 802-215-151 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

Add 802-215-152 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

Add 802-215-153 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

Add 802-215-155 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

Add 802-218-152 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

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

Add 802-218-158 2
802-218-158 1 (J87378) - DC-to-DC — Regulated — −24 Volt Input — +12.1 Volt, −12.1 Volt, and −5.5 Volt Output

Add 802-218-159 1
802-218-159 1 (J87411) - Power Supply Circuit — Semiconductor Type — Regulated — Numbers 1A and 4 ESS — −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

Add 802-223-151 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

Add 802-223-154 1
802-223-154 2 (J87310) - Converter — Regulated — (+ or −) 18 or 24 Volt, 16 Ampere Output — +24 Volt Input

Add	802-223-156	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 V or − 48 V DC, 4.0 Amperes Output — −24V DC Input
	802-226-153	2	(J87400) - DC-to-DC Regulated — 48-Volt, 50-Ampere Output — 140-Volt Input
Add	802-226-155	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
Add	802-227-150	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
	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
Add	802-243-150	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
Add	802-290-150	1	
	802-290-150	1	(J87356) - Converter, DC-DC — Semiconductor Type, Regulated for TH3 Radio Systems

802-3 POWER SUPPLIES

General

	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
Add	802-300-154	1	
	802-300-154	1	(J87397) - Remote Repeater Power Feed Terminal for Subscriber Loop Multiplexer System
	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
Add	802-301-160	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
Add	802-301-165	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
Add	802-302-150	1	
	802-302-150	1	(J87213) - Semiconductor Type — Manual Regulation — 11 Volts, 6 Amperes DC — 135 Volts, 0.375 Ampere DC
Add	802-302-156	1	
	802-302-156	1	(J87203) - Semiconductor Type — Manual Regulation — −11 Volts, 2 Amperes DC — 135 Volts, 0.125 Ampere DC
Add	802-302-160	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
Add	802-304-152	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

802-305-151 5 (J87245) - DC-to-DC Semiconductor Type — Automatic Regulation — −21 Volts, 4 Amperes DC — −24 Volts, 3.5 Amperes DC

Add 802-305-152 1
802-305-152 1 (J87320) - Semiconductor Type — Regulated Rectifier — +24 Volts, 0.75 Amperes — −24 Volts, 1.25 Amperes

Add 802-309-150 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

Add 802-315-150 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 Sig, ±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

Radio Systems

Add 802-340-150 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

Add 802-341-154 2
802-341-154 2 (J86853) - DC Power Supply — For TM Radio Traveling Wave Tubes

Add 802-341-155 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

Add 802-343-160 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

802-350-151 1 (J87449) - Regulator and Converter — Multiple Outputs — −24 Volt Input

802-4 RECTIFIERS (See also Power Supplies)

Tube Type

Add 802-404-151 1
802-404-151 9 (J86227) - Regulated — 300 Volts, 0.22 Ampere DC

Tube and Semiconductor Type

Add 802-408-150 1
802-408-150 6 (J86240) - Automatic Regulation — 130 Volts, 8 and 9 Amperes DC

Add 802-409-150 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

Add 802-411-160 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

Add 802-421-150 1
802-421-150 2 (J86278) - 135 Volts, 0.125 and 0.375 Ampere

Add 802-421-156 1
802-421-156 7 (J86254) - 190 and 200 Volts, 0.7 Ampere

Add 802-422-150 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

Add 802-425-161 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

Add 802-426-151 1
802-426-151 3 (J87232) - 24 Volts, 30 Amperes

Add 802-426-152 1
802-426-152 8 (J87222) - 24 Volts, 100 Amperes

Add 802-426-153 3
802-426-153 4 (J87211) - 24 and 48 Volts, 11 Amperes

Add 802-426-156 1
802-426-156 1 (J87328) - Automatic Ferroresonant Regulation — 24 Volts, 15 Amperes

Add 802-426-157 1
802-426-157 1 (J87329) - Automatic Ferroresonant Regulation — 48 Volts, 15 Amperes

Add 802-426-160 1
802-426-160 1 (J87417) - ±24 Volts DC, 100 Amperes — Automatic Regulation — KS-20491

Add 802-428-150 3
802-428-150 2 (J87233) - 48 Volts, 30 Amperes

Add 802-428-151 1
802-428-151 9 (J87223) - 48 Volts, 100 Amperes

Add 802-428-156 1
802-428-156 1 (J87418) - −48 Volts DC, 100 Amperes — Automatic Regulation — KS-20493

802-432-150 7 (J87228) - 130 Volts, 10 Amperes

802-432-151 7 (J87229) - 130 Volts, 30 Amperes

Add 802-432-152 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

Add 802-440-150 1
802-440-150 2 (J87221) - −3 Volts 3.5 Amperes DC — +60 Volts 0.15 Ampere DC — +145 Volts 0.045 Ampere DC

802-440-155 3 (J87419) - For CSS-201 DIMENSION® PBX — +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 8.0A 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

Add 802-441-151 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

Add 802-442-150 1
802-442-150 1 (J87267) - ±17.5 Volts, 1.6 and 3.2 Amperes DC

Add 802-443-151 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

Add 802-443-160 1
802-443-160 3 (J87239) - ±20 Volts, 0.25 Ampere DC

Add 802-443-161 2
802-443-161 2 (J87215) - ±20 Volts, 0.5 Ampere DC

Add 802-443-162 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 1 (J87434) - Rectifier — 24 Volts, 35 Amperes

802-444-159 1 (J87436) - Rectifier — 24 Volts, 100 Amperes

802-444-160 2 (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

Add 802-446-152 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 1 (J87435) - 48 Volts, 35 Amperes

802-446-162 1 (J87437) - Rectifier — 48 Volts, 100 Amperes

802-446-163 2 (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

Add 802-460-166 1
802-460-166 2 (J86277) - 11 Volts, 2 and 6 Amperes

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

Add 802-471-150 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

802-501-150 2 (J86806) - Ground Supply Bay for SD Submarine Cable System

802-501-151 1 (J86860) - Ground Supply Bay for SF Submarine Cable System

802-502-150 3 (J86469) - Common Control Bays — 2800 Volts, 0.26 Ampere DC

802-502-151 1 (J87291) - Equipment Units for Use With SF Submarine Cable Power and Ground Supplies

802-503-150 2 (J87209) - Power Equipment Units for SD Submarine Cable System

802-503-151 1 (J87301) - Plug-In Units for SF Submarine Cable Power and Ground Supplies

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

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

802-515-150 1 (J86819) - Power Supply for Terminal SD Submarine Cable Systems — 420 Volts, 0.389 Ampere DC

802-515-151 4 (J86275) - Power Supply — Regulated — 1900 to 3200 Volts, 0.26 Ampere DC

802-515-152 4 (J86467) - Power Supplies for Terminal and Shipboard Submarine Cable Systems — 2800 Volts, 0.26 Ampere DC

802-515-153 4 (J86468) - Power Supply — Regulator Bays — 2900 Volts, 0.26 Ampere DC

802-515-154 3 (J86804) - Power Supplies for Terminal and Shipboard SD Submarine Cable Systems — 6500 Volts, 0.225 to 0.43 Ampere DC

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

802-515-181 2 Performance Requirements for J86467 Power Supply

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

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

Add 802-601-152 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

Add 802-606-153 1
802-606-153 4 (J86454) - For Type "O" Carrier Terminals and Repeaters — 130 Volts, 0.42 to 0.84 Ampere

Add 802-608-150 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

Add 802-610-150 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 2 (J86658) - 3B-20 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 Aes 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

Add 802-626-151 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 1 BELLMASTER Power Plant 24 or 48 Volts — 0 Through 3200 Amperes

100-Type

802-652-153 5 (J86566) - 101E Power Plant — 20 to 24 Volts, 15 and 30 Ampere-Hours DC

Add 802-652-155 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

Add 802-652-157 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

Add 802-653-153 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

Add 802-656-151 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

Add 802-656-153 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

Add 802-659-150 1
802-659-150 12 (J86572) - 110A Power Plants — 24 Volts, 10 to 120 Amperes DC — 48 Volts, 10 to 400 Amperes DC

Add 802-659-151 1
802-659-151 3 (J86455) - 110B Power Plant — 24 Volts, 5 to 80 Amperes DC

Add 802-659-160 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 1 (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 Thru 140 Amperes

802-670-151 2 (J86918) - 132B Power Plant — ±24 Volts, 0 Through 140 Amperes

802-670-160 2 (J86869) - 133A Power Plant — −48 Volts, 0 Thru 140 Amperes

802-670-161 2 (J86919) - 133B Power Plant — −48 Volts, 0 Through 140 Amperes

802-679-151 3 (J86871) - 150B Power Plant +/−24 Volts, 0 Through 600 Amperes

802-679-160 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 Thru 600 Amperes

802-679-162 1 (J86917) - 151C Power Plant −48 Volts, 0 Through 600 Amperes — Equipment Design Requirements — Power Systems

802-680-150 2 (J86908) - 152A Power Plant — 24 Volts, Positive or Negative — 0 Through 1200 Amperes

802-680-160 2 (J86909) - 153A Power Plant - 48 Volts Negative — 0 Through 1200 Amperes

802-681-150 2 (J86910) - 154A Power Plant — 24 Volts, Positive or Negative — 0 Through 2400 Amperes

802-681-160 2 (J86911) - 155A Power Plant — 48 Volts Negative, 0 Through 2400 Amperes

802-7 POWER PLANTS — 200-, 300-, AND 400-TYPES

300-Type

Add 802-726-150 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

Add 802-751-150 1
802-751-150 2 (J86577) - 403A Power Plant — 130 Volts, 0.1 to 0.6 Ampere DC

Add 802-751-152 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

Add 802-754-151 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

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

Add 802-759-154 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

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

Add 802-804-154 1
802-804-154 6 (J86448) - 505D Power Plant — 13 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

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 AC

802-811-150 2 (J86854) - 521A Power Plant and Combination 505D and 521A Power Plants — 13 Carrier Inverter Plant

802-811-185 1 Performance Requirements — For J86447 and J86854 (521A) Power Plants — 13 Carrier Inverter Plant

802-813-150 4 (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 3 (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

Add 802-852-150 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

Add 802-852-151 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

Add 802-854-160 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

Add 802-855-166 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

Add 802-862-150 1
802-862-150 6 (J86809) - 651A Power Plant — Using DC-to-DC Converters — ±130 Volts, 2 and 5 Amperes DC

802-865-150 5 (J87309) - 660-Type Power Plant — Using DC-to-DC Converters — ±130 Volts Output, 48 Volts Input

Add 802-865-151 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

Add 802-865-152 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

Add 802-865-153 1
802-865-153 5 (J86884) - 660C Power Plant — Using DC-to-DC Converters — +130 Or −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

Add 802-871-150 1
802-871-150 3 (J86475) - 702C Power Plant — ±125 to ±135 Volts, 50 to 1000 Amperes DC

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

Add 802-902-151 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

802-902-157 5 (J86451) - 804C Power Plants — 20-Cycle Machine Ringing Equipment — 84 to 88 Volts, 1 Ampere

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

Add 802-904-151 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

Add 802-904-153 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

Add 802-904-154 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

802-904-155 8 (J86815) - 806H Plant — Ringing and Tone Equipment — Static Ringing and Transistor Tone Generators — For No. 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

Add 802-906-150 2
802-906-150 9 (J86834) - 808A Plant — Ringing and Tone Power Plant — For No. 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

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

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 Requirments — 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

Add 802-964-152 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 5 (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 Equipment — Design Requirements Power System

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

Add 802-964-155 1
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 3 (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

802-964-180 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)

Add 802-965-150 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

Add 802-965-181 1
802-965-181 2 Performance Requirements — For J86631 (900-Type) Power Plants — Automatic Control

900-Type — Engine Alternator Plants

Add 802-980-150 2
802-980-150 4 (J86838) - 900-Type Power Plants — Stationary Gas Turbine Engine-Driven Alternator — 208, 230, 240, 480, or 4160 Volts, 750KW — Manual and Automatic Control

Add 802-980-151 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

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 — 200kW Plant (J86637)

802-980-184 1 900-Type Power Plants — KS-22673 Gas Turbine Engine Alternator — 900 KW (Peak)/750 KW (Base) Plant J86653 — Performance Requirements

802-980-185 1 Performance Requirements — KS-20460 Gas Turbine Engine-Alternator — 2100kW 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)

Add 802-981-150 1
802-981-150 1 (J86646) - 900-Type Power Plants — Automatic Reserve Power Plants — 480 or 4160 Volts, 2.1 to 7.5 Megawatts

802-981-151 1 (J86740) - System Control Bay for Parallel Stand-by Alternators

DIVISION 804 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — TOLL SYSTEMS

804-0 Index, General Information, and Miscellaneous Equipments
-1 Program Transmission and Radio Telephone
-3 Microwave Radio
-6 Carrier
-9 Test Equipment

804-0 INDEX, GENERAL INFORMATION, AND MISCELLANEOUS EQUIPMENTS

♠ 804-000-000 92 Numerical Index — Division 804 — Equipment Design and General Equipment Requirements and Engineering Information — Toll Systems

Specifications

804-001-150 5 (J67002) — Distributing Frame — 11'-6" High — Jacks, Protectors, or 8" Terminal Strips on Vertical Side — 8" Terminal Strips Mounted Vertically on Horizontal Side

804-001-151 3 (J67001) — Distributing Frames — Protector Frames

804-001-152 6 (J61401) — Miscellaneous Intertoll Trunks and Associated Equipments — Relay Rack Units (Also numbered 814-522-150)

804-001-153 7 (J68631) — Toll Conference Unit and Repeater Bay Equipment and Associated Trunk Units

804-001-154 3 (J68803) — Patching Trunk Bay Equipment and Tandem Patching Trunk Bay Equipment

804-001-155 1 (J68896) — Tandem Patching Bay for Spare Equipments and Patching Trunks for 4-Wire and 6-Wire VF Circuits

804-001-156 2 (J68897) — 4-Wire Order Circuits

804-001-157 10 (J68612) — Telephone Order Wire and Telegraph Test Wire Equipment — Toll and Telegraph Systems

804-001-158 5 (J68648) — Signaling — Sequence Signaling and Telephone Order Wire Equipment

804-001-159 4 (J68814) — Signaling — Sequence Signaling — Transmitting, Receiving and Translating Equipment

804-001-161 3 (J68657) — Toll Conference Service — Multiport Conference Bridge

804-003-150 14 (J68606) — Echo Suppressor Equipments

804-003-151 11 (J68605) — Echo Suppressors and Associated Testing Equipment

804-003-152 5 (J68881) — 3A and 3B Echo Suppressor

Add 804-003-155 2
804-003-155 4 (J68914) — 4A Echo Suppressor Bay

Add 804-003-160 1
804-003-160 2 (J68658) — 58-Type Echo Suppressor Measuring System — No. 1A, 2, 3, and 4 Echo Suppressors

804-004-150 4 (J68628) — Repeater and Line Equipment — Associated With Telephotograph

804-004-151 6 (J68643) — Voice-Frequency Telephone Repeaters for Use at L1 and L3 Carrier Auxiliary Repeaters

804-004-153 8 (J68635) — V1 and V2 Telephone Repeaters and Associated Equipment

804-004-154 5 (J68638) — A-C Operated V1 Telephone Repeater Application

804-004-155 5 (J68649) — V3 Telephone Repeater — Bay Equipments

804-004-156 5 (J68651) — V3 Telephone Repeaters and Voice Frequency Line Equipment for Voice Frequency and Carrier Applications

804-004-157 1 (J68656) — Tone Operated Control — Telephotograph System

804-005-150 4 (J68777) — 1A Compandor

804-007-150 8 (J68811) — C1 Alarm and Control System

804-007-151 5 (J68804) — B1 Alarm and Control System

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

804-007-161 1 (J68890) — Failure Display Equipment 4 Broadband Restoration

Add 804-007-162 1
804-007-162 1 (J68891) — Control Console — Broadband Restoration

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 Cicuit 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

Add 804-021-192 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

804-022-193 1 2A Echo Suppressor

804-022-194 1 3A Echo Suppressor

804-022-195 1 3B Echo Suppressor

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)

Toll Terminal Equipment

804-050-150 2 (J68935) - Voiceband Interface — No. 4 ESS 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. 4 ESS 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

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
Add 804-303-180	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
804-308-180	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

804-309-180 1 3A FM Terminal Transmitter

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

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

Add 804-313-150 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

804-330-192 1 Program Switching Circuits and Program Switching Control Circuits

TD-2 Radio

Specifications

804-331-150 - AA266.031, Iss 2 (J68339) — General Requirements

804-331-151 8 (J68331) — Transmitter-Receiver Bay

Add 804-331-152 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 - AA266.037, Iss 5 (J68343) — Tube Cooling System

Add 804-331-158 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 - AA266.036, Iss 6 (J68333) — Test Bench Equipment

804-331-163 5 (J68340) — TD-2 Radio Transmitter-Receiver Test Equipment and Microwave System Power Meter

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

Add 804-332-150 1
804-332-150 2 (J68386) — Transmitter-Receiver Bay

804-332-151 3 (J68392) — Transmitter-Receiver Test Set

Add 804-332-152 1
804-332-152 3 (J68387) — Transmitter-Receiver Bay Components

804-332-153 2 (J68396) — TD-3/TH-3 Radio Systems — Test Bench Facility

Add 804-332-154 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

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

804-332-183 1 J68386G and H Transmitter-Receiver Bays

TH Radio

Specifications

804-333-150 - AA266.067, Iss 1 (J68401) — General Requirements

804-333-151 - AA266.068, Iss 3 (J68402) — Broadband and Auxiliary Channel — Radio Transmitter and Receiver Equipment

Add 804-333-153 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

Add 804-333-156 1
804-333-156 3 (J68854) — Message Connecting Links

Add 804-333-157 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 - AA266.083, Iss 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

Add 804-333-166 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

TH-3 Radio

Specifications

804-334-150 2 (J68423) — Medium Haul — Terminal and Order-Wire and Alarm Equipment

Add 804-334-151 1
804-334-151 1 (J68426) — Medium Haul System — General Equipment Design Requirements

804-334-152 1 (J68422) — Frequency Diplexed — Auxiliary Channel

Add 804-334-153 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

804-334-181 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

Specifications

Add 804-336-151 1
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

AR6A Single-Sideband

804-340-150 1 (J68449) — Transmitter-Receiver Bay and Transmitter-Receiver Support Bay

804-340-152 1 Test Equipment — Transmitter-Receiver Bay and Transmitter-Receiver Support Bay

804-6 CARRIER

Miscellaneous Equipments

804-601-150 4 (J68738) — Carrier Drainage Coil Equipment

804-601-151 8 (J68746) — Miscellaneous Equipment for Main and Auxiliary Stations

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
	804-603-150	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
Add	804-604-181	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
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
804-627-160	1	(J68942) — Synchronization Distribution

Performance Requirements

804-627-180	1	J68798 Regulator Repair and Repeater Test Equipment
804-627-181	1	J68798B Modulation Test Set

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
804-628-189	3	C2 (Receiving) Television Terminal
804-628-190	3	C3 Receiving Television Terminal — Using Automatic Switch SD-59704-01

L3 Carrier

Specifications

804-629-150	4	(J68829) — L3 Supergroup Bank — L3 Master Group Bank — Associated Carrier Supplies and High-Frequency Patching Equipment
804-629-151	4	(J68828) — Carrier and Pilot Supply — Equipment
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

804-629-157 5 (J68820) — L3 or L4 Carrier — Automatic Line Switching

804-629-158 4 (J68818) — Transmission Panel — Equipment

Add 804-629-159 1
804-629-159 5 (J68830) — Main Repeaters

804-629-160 4 (J68823) — Main and Equalizing Auxiliary Repeaters — Cable Terminating Panels — Equipment

804-629-161 7 (J68819) — Auxiliary and Equalizing — Auxiliary Repeaters

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

804-629-165 1 (J68869) — Phase Difference Measuring Set

804-629-166 6 (J68835) — Amplifier and Regulator Test Set

804-629-167 2 (J68839) — Thermistor Control Sets for Testing and Maintenance

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

Add 804-630-151 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

Add 804-630-152 1
804-630-152 2 (J68895) — L4 Remote Control Center and Loop-Back Equipment

804-630-153 2 (J68906) — Repeater Test Set and L4S Repeater Test Stand

Time Assignment Speech Interpolation (TASI)

Add 804-630-154 2
804-630-154 1 (J68918) — Supergroup Distributing Terminals

804-630-155 2 L Carrier Mastergroup — Digital Terminal Equipment (LMD)

804-630-156 2 (J68953) — Mastergroup Translator Equipment

L5 Carrier

Specifications

804-631-150 2 (J68923) - Main Station Line Equipment — Test Stand and Warm-Up Rack ED-51487

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

804-631-154 3 (J68921) — L5/L5E Carrier — Line Protection Switching System (LPSS-3)

Add 804-631-155 1
804-631-155 1 (J68936) — L5 Carrier — Equalizer Adjustment Unit

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

Add 804-631-160 1
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

Submarine Cable — Terminal

804-637-150 3 (J68900) — SF Submarine Cable System — Terminal Stations

804-637-151 5 (J68901) — SF Submarine Cable — Terminal Transmission Bays — Terminal Station

Add 804-637-152 1
804-637-152 4 (J68892) — SF Submarine Cable — High-Frequency Line, Order Wire, and Associated Equipment — Terminal Station

804-637-153 5 (J68893) — SF Submarine Cable System — Multiplex and Carrier Supply Equipment — Terminal Station

804-637-157 1 (J64733) — SF Submarine Cable — Cable Laying Test Set

804-637-158 2 (J68917) — Repeater Locating Test Set — SD and SF Submarine Cable

804-637-164 1 (J64734) — SG Submarine Cable System SG/SF Cable Laying Test Set

804-637-165 1 (J68939) — Repeater Monitoring Set — SF and SG Submarine Cable

804-637-166 1 (J64735) — Transportable Transmission Measuring Set for Installation of SG Cable Shore Ends

804-637-167 1 (J68943) — SG Submarine Cable System — SG/SF Data Translator Cabinet

804-637-168 1 (J68944) — SG Submarine Cable — SG High Frequency Line for SG Submarine Cable Installation

804-637-169 1 (J68945) — SG Submarine Cable System — General Purpose Test Equipment Cabinet

804-637-170 1 (J68946) — SG Submarine Cable — Terminal Station Power Separation Filter

804-637-173 1 (J68949) — SG Submarine Cable — Shipboard Portable Test Load for Testing SG Shipboard Power Feed Equipment

804-638-159 2 (J68860) — SD Submarine Cable System

804-638-162 1 (J68950) — SG Submarine Cable Medium Voltage Power Feed Equipment for Installation of SG Cable Shore Ends

TASI

Add 804-639-154 1
804-639-154 1 (J68905) — Terminal Bays and Associated Equipment — TASI B Switching System

Add 804-639-155 1
804-639-155 1 (J68925) — Circuit Pack Test Set and Associated Equipment — TASI B Switching System

804-639-160 1 TASI-E System Frame — Equipment Description

Add 804-639-181 1
804-639-181 1 Performance Requirements for International Time Assignment Speech Interpolator Type E — TASI-E — J68963A

L Type Multiplex

Specifications

804-640-150 4 (J68858) — Carrier Telephone

Add 804-640-151 2
804-640-151 4 (J68853) — A5 Channel Bank Equipment

804-640-152 4 (J68857) — Carrier and Pilot Supply

804-640-153 2 (J68872) — 64-KC Pilot Monitor

804-640-154 1 (J68929) — A6 Channel Bank Equipment

804-640-155 2 (J68867) — L60A and L120A — Multiplex Terminal

804-640-156 3 (J68868) — LWM-1, LWM-3, LWM-4 Wideband Modems, LWA-1 Alternate Use Panel

804-640-157 2 (J68880) — LWM-5 and LWM-6 Wideband Modems

804-640-158 2 (J68863) — Basic Message Connecting Link for Connection of T1 Radio

804-640-159 2 (J68856) — Basic Message — Connecting Link for Connection for L-Type Multiplex to TJ or T1 Radio

804-640-160 1 (J68930) — Group Distribution and Trunks

804-640-166 1 (J68959) — Alarm Trunk Release and Make-Busy Equipment — For Use With E-Type or Single Module F Type — E and M Single Frequency Signaling and A5/A6 and N2/N3 Channel Banks

Performance Requirements

804-640-180 8 Carrier Telephone Terminal — Channel, Group, and Supergroup Equipment

804-640-181 6 J68857 Carrier and Pilot Supply

804-640-182 2 J68857AC Primary Frequency Generator — Carrier Telephone

804-640-183 1 J68857AD 308- to 64-KHz Synchronizing Frequency Converter Carrier Telephone

804-640-184 4 J68872A 64-KC Line Pilot Monitor Equipment

804-640-185 6 LMX-2 Transmitting and Receiving Bay Equipment

804-640-186 1 LMX-2 C2B and C2C Transmitting and C2B and C2C Receiving Supergroup Bank Circuits

804-640-187 2 J68867 — L60A and L120A Terminals

804-640-188 3 Basic Message Connecting Link for Connection of L-Type Multiplex to TJ or T1 Radio

804-640-189 2 Basic Type A Wire-Line Entrance Link for Connection of L-Type Multiplex to Short Haul Radio Systems

804-640-190 2 Type A Wire-Line Entrance Link Connection of L-Type Multiplex to TD-2 Radio Equipped With FM Terminal Protection — Switching System

804-640-191 2 Type B Wire-Line Entrance Link Transmission Circuit for Connection of L-Type Multiplex to TD-2 Radio — Equipped with FM Terminal Protection — Switching System

804-640-192 3 L-Type Multiplex-Broadband Restoration Pilot Supply, Service Restoration Pilot Detector, Detector Calibration Circuit, and 92-/468-KHz Supply for Restoration

804-640-193 1 LWM-1 Wideband Modem

804-640-194 1 LWA-1 Alternate Use Panel

804-640-195 1 LWM-2 Wideband Modem

804-640-196 2 LWM-3 Wideband Modem and LWM-4 Wideband Modem

804-640-197 2 LWM-5 Wideband Modem

804-640-198 1 LWM-6 Wideband Modem

804-9 TEST EQUIPMENT

804-910-150 6 (J94710) — Trunk Test Set (Box Types) — Toll and Step-by-Step Systems (Also numbered 814-637-151)

Add 804-910-151 2
804-910-151 12 (J64001) — 1-Type Panels, Units, and Portable Test Sets for Transmission Measuring

804-910-154 4 (J64005) — Test Sets — Transmission Measuring

804-910-156 2 (J64009) — Transmission Measuring 9A Video Distortion Meter — Low Frequency for Use With TV Video Circuits

804-910-157 2 (J64011) — 11A and 11C Lookators and 11B Lookator Calibrator

804-910-162 2 (J64034) — 34A Transmission Measuring Set

804-910-165 5 (J64037) — 37-Type Transmission Measuring Sets

804-910-168 4 (J64044) — 44A Transmission Measuring System for Transmission Measuring

804-910-180 2 41B Transmission Measuring System

804-910-181 2 40B Transmission Measuring System

804-910-182 5 43A Noise Measuring Systems for Use at Testboards and Voice Frequency Patching Bays

804-911-153 4 (J64070) — 70-Type Power Meters for Transmission Measuring

804-911-154 2 (J64072) — 72A Frequency Meter

804-911-155 5 (J64730) — No. 2B Signaling Test Set

804-911-157 4 (J64090) — 90-Type Carrier Frequency Test Equipment — Transmission Measuring

804-911-158 2 (J64074) — 74A Wideband Power Meter

804-911-159 1 (J64049) — 49A L-Multiplex Measuring System

804-911-160 4 (J64091) — 91-Type Carrier Frequency Measuring System — Transmission Measuring

804-911-163 4 (J64704) — Control Test Set — Signaling Testing and Maintenance Circuits

804-911-180 1 Performance Requirements for J64092A — Carrier Transmission Maintenance System

DIVISION 806 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — RADIO SYSTEMS AND TELEVISION SYSTEMS

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-3 Television Systems

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806-101-181 1 Performance Requirements — BO-42NA Base Station — Transmit-Receive Set

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806-101-184 2 Performance Requirements — Type LE-R1 Radio Receiver

806-106-151 5 (J41611) - LD-T2 Radio Transmitter

806-106-181 3 Performance Requirements — Type LD-T2 Radio Transmitter — 4 to 23 MC

806-106-182 2 Performance Requirements — Type LD-T2 Radio Transmitter — 4.5 to 28 MC

806-106-183 2 Performance Requirements — Type LD-R1 Radio Receiver

806-106-184 1 Performance Requirements — Type LD-B1 Branching Amplifier

806-107-150 2 (J41622) - Field Applications of TE-1 and TE-2 Radio

806-107-151 5 (J41608) - Type TE-T1 Radio Transmitter

806-107-180 2 Performance Requirements — TE Radio System

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809-830-150 4 (J58876) - 770A PBX — Switching Cabinet Equipment

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Add 809-850-151 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

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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

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-1 Alerting and Warning Systems
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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

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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)

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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

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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

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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

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811-017-150 3 (J1G023) - Data Conferencing Equipment for Use With 4-Wire CONUS AUTOVON Facilities

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811-102-150 4 (J1G012) - Command Post Alerting Network

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811-302-150 4 (J1G015) - Switching System No. 305

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811-303-150 2 (J1G017) - Switching System No. 306

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812-017-151 3 (J53045) - 4-Wire Private Line Terminating and Station Equipment

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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

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-2 Automatic Number Identification Equipments
-3 Common Control and Touch-Tone Equipments (Register Trunk and Link, Outpulsing Controller, Converters, Decoders, and Translators)
-4 Selectors, Finders, Rotary Switches, and Connectors
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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

Add 814-008-150 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 Peformance 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

Add 814-025-150 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

Add 814-050-151 2
814-050-151 15 (J33017) - Miscellaneous Relay Rack Units — 2-by 23-Inch Mounting Plates

Add 814-050-152 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, 816-028-150, 818-081-151, and 819-080-150)

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)

Add 814-054-150 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

Add 814-058-150 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

Add 814-105-150 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

Add 814-105-154 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

Add 814-106-151 2
814-106-151 5 (J99301) - PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification

Add 814-106-152 1
814-106-152 2 (J38914) - Pretranslator and Pretranslator Connector Frame — (CAMA) — Intertoll Dialing Office

Add 814-107-150 1
814-107-150 3 (J32401) - Transverter Frame — No. 1 Office

Add 814-107-151 1
814-107-151 3 (J38904) - Transverter Frame — (CAMA) — Intertoll Dialing Office

Add 814-108-150 3
814-108-150 4 (J38813) - Identifier Frame and Associated Translator — Dynamic Overload Control Units — No. 1 Office

Add 814-108-151 1
814-108-151 2 (J38206) - Identifier Trunk Connector Frame — No. 1 Office

Add 814-109-150 1
814-109-150 5 (J37801) - Thousands Number Frame — No. 1 Office

Add 814-110-150 1
814-110-150 5 (J37802) - Common Number and Class Frame — No. 1 Office

814-111-150 4 (J38203) - Code Connector Frames — No. 1 Office

Add 814-112-150 1
814-112-150 6 (J38907) - Connector and Position Link Frames — (CAMA) — Intertoll Dialing Office

Add 814-113-150 2
814-113-150 5 (J38912) - Call Identity Indexer Frame and Units — (CAMA) — Intertoll Dialing Office

Add 814-113-151 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

Add 814-114-150 1
814-114-150 3 (J38906) - Incoming Register and Link Frame — (CAMA) — Intertoll Dialing Office

Add 814-115-150 3
814-115-150 4 (J38908) - Recorder Frame — (CAMA) — Intertoll Dialing Office

Add 814-115-151 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 816-108-150, 817-120-150, 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)

Add 814-117-150 2
814-117-150 3 (J38909) - Master Timing Frame — (CAMA) — Intertoll Dialing Office

Add 814-117-151 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, 818-112-150, and 819-120-150)

Add 814-118-150 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

Add 814-130-150 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)

Add 814-203-150 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)

Add 814-204-151 2
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

Add 814-330-150 1
814-330-150 5 (J38925) - Translator and Decoder Frame — Supplementary Decoder Frame — Decoder Route Relay Frame and Foreign Area Translator Frame — Common Control

Add 814-330-151 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

Add 814-401-150 4
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)

Add 814-401-151 2
814-401-151 15 (J32302) - Selector and 20-Capacity Selector Shelves — No. 1, 350A and 702A PBX Offices (also numbered 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

Add 814-411-150 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

Add 814-413-150 2
814-413-150 8 (J32007) - 200-Point Line Finders — 20- and 30-Capacity Line Finder Shelves — No. 1, 350A, 355A, and 35E97 Offices

Add 814-414-150 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

Add 814-415-151 1
814-415-151 6 (J32008) - Trunk Finders — Switch Frame, Intercepting Trunks and 20-Capacity Trunk Finder Shelves

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

Add 814-427-150 1
814-427-150 5 (J33010) - 5-Wire Rotary Out-Trunk Switch Units — No. 1 Office With AMA

Connectors

Add 814-435-150 1
814-435-150 13 (J32311) - Connectors and Connector Shelves — No. 1, 350A, 355A, and 35E97, and 702A PBX Offices (also numbered 809-804-153)

814-5 TRUNK AND REPEATER EQUIPMENTS

Trunk Equipment

814-501-150 5 (J38901) - Incoming Trunk Frame — Intertoll Dialing Office — (CAMA)

Add 814-505-150 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

Add 814-507-150 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

Add 814-510-150 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

Add 814-520-150 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 (also numbered 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

Add 814-527-150 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

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)

Add 814-601-150 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

Add 814-602-151 1
814-602-151 4 (J38927) - Manual Test and Trouble Ticketer Frame — Common Control

Add 814-603-150 1
814-603-150 5 (J38929) - Automatic Test Frame — Common Control

Add 814-604-150 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

Add 814-605-150 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 816-205-150)

814-608-150 5 (J33601) - Line Insulation Test Frame — No. 1 and 350A Offices

Add 814-609-150 1
814-609-150 2 (J34305) - Remote Office Test Line Equipment — No. 1, 350A, 355A, 360A, and 35E97 Offices

Add 814-609-151 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

Add 814-620-150 1
814-620-150 5 (J33021) - Dial and Ringer Test Units — No. 1 and 350A Offices

Add 814-621-150 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. 2

Test Sets

814-630-150 6 (J34728) - Automatic Call Thru Test Set — (Box Type) — For Testing of Switch Trains (also numbered 809-259-150)

Add 814-631-150 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

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)

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

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)

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Add 814-675-150 1
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

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Add 816-022-150 1
816-022-150 7 (J22750) - Office Interrupter Frame

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816-023-150 13 (J28351) - Floor Alarm Frame for Use in Offices with No. 301C Power Plants

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Add 816-025-150 1
816-025-150 4 (J27050) - Message Register Rack (Unit Type) and Message Timing Frame

816-026-150 10 (J23052) - Relay Rack Equipment

Add 816-027-150 1
816-027-150 11 (J23066) - Auxiliary Relay Rack Mounted Equipment — Crossbar Tandem System (also numbered 817-041-150)

Add 816-028-150 1
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, 815-075-152, 818-081-151, and 819-080-150)

816-028-151 7 (J91101) - Relay Rack Equipment — For 15C and 15D "A" Switchboards

816-029-150 4 (J91103) - 15D "A" Switchboard

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816-030-150 1 (J25151) — Multifrequency Pulsing — Receiver Frame

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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

Add 816-042-150 1
816-042-150 3 (J21556) - Number Checking Equipment

Add 816-043-150 1
816-043-150 5 (J27059) - Traffic Register Equipment Using 300-Capacity Traffic Register Cabinet

Add 816-044-151 1
816-044-151 9 (J27054) - Traffic Register Equipment Using 400-Capacity Traffic Register Rack

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816-100-150 2 (J22472) - Auxiliary Transverter Link Frame

Add 816-101-150 2
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

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816-102-150 2 (J22450) - Calling Line Register Frame

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816-105-150 4 (J22455) - Maintenance Recorder Frame

Add 816-106-150 2
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, 818-112-150, and 819-120-150)

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Add 816-108-150 1
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 814-115-151, 817-120-150, 818-108-150, and 819-114-150)

816-109-150 6 (J22460) - Translator Frame

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816-109-151 5 (J99301) - PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification

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816-110-151 7 (J22463) - Transverter Frame

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816-110-152 6 (J22453) - Transverter Trouble Indicator Frame

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816-111-150 1 (J22476) - AMA Translator Line Verification Test Circuit Equipment Units

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816-202-150 5 (J99250) - Line Verification and Miscellaneous Relay Rack Equipment — Type B

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)

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)

816-205-150 10 (J93402) - Outpulser-Identifier-Trunk Test Frames — Type B (also numbered 814-607-150 and 815-409-150)

816-206-150 9 (J93403) - Trouble Ticketer Frame — Type B (also numbered 814-600-150 and 815-408-150)

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Add 816-300-150 1
816-300-150 5 (J27851) - Line Choice Connector Frame and Line Junctor Connector Frame

Add 816-301-150 1
816-301-150 8 (J27852) - Number Group Connector Frame, Block Relay Frame and Relay Rack Mounted Direct Access Pretranslator Connector Equipment

Add 816-302-150 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

Add 816-305-150 1
816-305-150 1 (J28158) - Outgoing Sender Connector Frame and Associated Equipment Units

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Add 816-350-150 1
816-350-150 12 (J28751) - Originating Marker Frame

816-351-150 9 (J28853) - Terminating Marker Frame

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816-400-150 9 (J27551) - District or Auxiliary District Junctor Frame

816-401-150 5 (J27053) - District Junctor Grouping Frame

Add 816-402-150 1
816-402-150 4 (J27052) - Office Junctor and Line Junctor Grouping Frames

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Add 816-425-150 2
816-425-150 5 (J95104) - Auxiliary Sender Link Frame and Auxiliary Sender Link Extension Frame

816-426-150 5 (J27552) - District Link Frame

Add 816-427-150 1
816-427-150 6 (J27752) - Incoming Link and Incoming Extension Frames

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816-428-150 6 (J21551) - Keypulsing Sender Link Frame or Coin Supervisory Link Frame

816-429-150 8 (J27450) - Line Link Frame

Add 816-430-150 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

Add 816-433-150 1
816-433-150 1 (J27557) - Outgoing Sender Link Frame for Use With Line Link Pulsing

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Add 816-500-150 1
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816-500-170 2 Auxiliary Sender Equipment for Direct Distance Dialing — Engineering Information

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816-502-150 14 (J27951) - Originating Sender Frame

Add 816-503-150 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

Add 816-505-150 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

Add 816-551-150 1
816-551-150 3 (J95111) - Code Compressor and Connector Frames and Subscriber Sender Recycle Frame

Add 816-560-150 1
816-560-150 1 (J22475) - Line Link Pulsing Translator Frame

816-6 TEST EQUIPMENT AND TROUBLE INDICATOR EQUIPMENT

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816-600-150 13 (J27553) - District Junctor Test Frame

Add 816-601-150 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)

Add 816-601-154 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)

Add 816-602-150 1
816-602-150 4 (J23651) - Line Insulation Test Frame

Add 816-603-150 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

Add 816-606-150 3
816-606-150 11 (J28051) - Terminating Sender Test Frame

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

Add 816-610-150 1
816-610-150 4 (J24750) - Message Register Test Set (Box Type)

816-610-151 5 (J34724) - Message Ticketer Test Set — (Box Type)

816-611-150 3 (J24758) - Trunk Test Set — LAMA, ANI, Operator Assistance Special Toll Trunks — Coin or Noncoin

Add 816-612-150 1
816-612-150 2 (J94721) - Coin Zone Trunk Test Set — (Box Type)

Add 816-613-150 1
816-613-150 1 (J22477) - Direct Inward Dialing — Test Frame

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Add 816-620-150 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

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Add 816-700-150 2
816-700-150 6 (J27751) - Incoming Trunk Frames for Use With 100-Trunk Capacity Incoming Link Frames

816-701-170 4 Permanent Signal Holding and Concentrating Arrangements — Engineering Information

Add 816-702-150 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

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816-721-151 6 (J99229) - Dial Coin Zone Trunk Frame

816-722-150 4 (J21553) - Zone Registration Equipment

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817-041-150 11 (J23066) - Auxiliary Relay Rack Mounted Equipment — (also numbered 816-027-150)

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817-062-150 4 (J92608) - Sender Attachment Delay Equipment (also numbered 818-084-150)

Add 817-064-150 1
817-064-150 5 (J27059) - Traffic Register Equipment Using 300-Capacity Traffic Register Cabinet

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817-064-151 9 (J27054) - Traffic Register Equipment Using 400-Capacity Traffic Register Rack

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817-065-150 1 (J27061) - Point-to-Point Data Recorder Frame

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Add 817-105-150 2
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817-106-150 5 (J22464) — Billing Indexer Frame (also numbered 818-109-150)

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817-203-150 3 (J28765) - 10-Digit Incoming Register and Link Frames

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817-302-150 5 (J27961) - PCI Sender Frame

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817-701-150 12 (J27753) - Incoming Trunk Test Frame and Incoming Trunk Test Connector Frame (also numbered 816-601-150)

817-701-152 2 (J24004) - Recorder Frame

Add 817-701-153 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)

Add 817-702-150 1
817-702-150 3 (J24050) - Trunk Test Frame for Use With Remote Control Zone Registration Trunks

Add 817-705-150 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)

Add 817-706-150 2
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)

Add 817-710-150 2
817-710-150 9 (J23351) - Sender Test Frames — Sender and Register Test Connector Frames

Add 817-711-150 1
817-711-150 7 (J24350) - Trunk Automatic Test and Connector Frames — (AMA TSP)

Add 817-715-150 2
817-715-150 1 (J99299) - Position Test Frames — Position and Position Control Test Units — (TSP)

Add 817-716-150 1
817-716-150 4 (J99277) - Rater-Charge Computer Test Frame — (TSP)

Test Sets

Add 817-720-150 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

Add 817-731-150 3
817-731-150 8 (J21850) - Sender Make Busy Frame

817-732-150 3 (J22466) - Line Observing Frame — (AMA)

Alarm Equipments

Add 817-740-150 3
817-740-150 6 (J28352) - Floor Alarm Unit

DIVISION 818 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — NO. 4 TYPE TOLL SWITCHING SYSTEMS

818-0 Indexes, General Information, and Miscellaneous Equipments
-1 Automatic Message Accounting Equipments
-2 Incoming Link, Outgoing Link, and Junctor Grouping Equipments
-3 Sender, Register, Outpulser, Sender Link, Register Link, Outpulser Link, and Link Controller Equipments
-4 Decoder, Translator, Marker, and Block Relay Equipments
-6 Trunk and Trunk Assignment Equipments
-7 Test, Maintenance, and Alarm Equipments

818-0 INDEXES, GENERAL INFORMATION, AND MISCELLANEOUS EQUIPMENTS

Indexes

♠ 818-000-000 18 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

Add 818-007-152 1
818-007-152 2 (J69212) - Modification Procedures to Provide Increased Capacity Features

Add 818-007-153 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

Add 818-011-152 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

Add 818-043-150 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 (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)

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

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)

Add 818-081-151 1
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, 815-075-152, 816-028-150, and 819-080-150)

818-081-152 1 (J67505) - Remote Network — Management Control Units

Add 818-082-150 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

Add 818-083-151 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 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

Add 818-102-150 2
818-102-150 8 (J21350) - CAMA Switchboard (also numbered 814-118-150, 817-101-150, and 819-101-150)

818-103-150 4 (J28053) - Position Link Frame

Add 818-104-150 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

Add 818-106-151 1
818-106-151 1 (J67464) - Transverter Connector Frame

Add 818-107-150 1
818-107-150 1 (J67459) - Trunk Class Translator and Supplementary Trunk Class Translator Frames

Add 818-108-150 1
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 814-115-151, 816-108-150, 817-120-150, and 819-114-150)

Add 818-109-150 1
818-109-150 5 (J22464) - Billing Indexer Frames (also numbered 817-106-150)

Add 818-110-150 2
818-110-150 10 (J22151) - Call Identity Indexer Frames and Units — Paper and Magnetic Tape Recording — No. 1, No. 5 and Crossbar Tandem

818-111-150 12 (J22456) - Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment (Also numbered 814-116-150, 816-107-150, 817-121-150, and 819-115-150)

Add 818-112-150 2
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, 817-105-150, and 819-120-150)

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)

818-2 INCOMING LINK, OUTGOING LINK, AND JUNCTOR GROUPING EQUIPMENTS

Incoming and Outgoing Link Frames

Add 818-200-150 1
818-200-150 10 (J67437) - Incoming Link Frame — Primary and Secondary Extension Frames

Add 818-200-151 1
818-200-151 3 (J67493) — Incoming Link Frame (Small Switches) — Junctor and Trunk Extension Frames

Add 818-201-150 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

Add 818-210-150 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

Add 818-304-150 1
818-304-150 5 (J67467) - Overseas Sender Frame

818-305-150 7 (J67413) - Outgoing Sender Frames — REV, PCI, SXS and CA Sender Equipment Units

Sender Link, Register Link, Outpulser Link, Link Controller Equipments

Add 818-330-150 2
818-330-150 8 (J67402) - Incoming and Outgoing Sender Link Frames

Add 818-331-150 1
818-331-150 13 (J67407) - Link Controller and Connector and Supplementary Link Controller Frames

Add 818-334-151 1
818-334-151 1 (J67501) - Outpulser Link Controller Frame

Add 818-335-151 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

Add 818-400-150 2
818-400-150 9 (J67439) - Decoder Frame

Add 818-401-150 1
818-401-150 10 (J67449) - Decoder Connector Frame and Supplementary Decoder Connector Frame

Translator Equipments

Add 818-420-150 1
818-420-150 6 (J67442) - Card Translator Equipment

Add 818-421-150 1
818-421-150 7 (J67445) - Foreign Translator Connector Frame and Emergency Translator Connector Frame

Add 818-422-150 1
818-422-150 1 (J67469) - Pretranslator Frame

818-425-150 2 (J67471) - Decoder Channel Frame

Add 818-425-151 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

Add 818-450-150 1
818-450-150 12 (J67440) - Marker Frame

Add 818-451-150 2
818-451-150 7 (J67446) - Marker Connector Frames

Block Relay Equipment

Add 818-480-150 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

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

Add 818-702-150 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

Add 818-706-150 2
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 816-601-154 and 817-706-150)

Add 818-706-151 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

Add 818-706-152 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

Add 818-708-150 2
818-708-150 10 (J98501) - Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay (also numbered 817-705-150 and 819-710-150)

818-708-151 4 (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

Add 818-760-150 2
818-760-150 3 (J67427) - Trouble Tracing Step-By-Step Selector Frame for Use With Intertoll Trunk Concentrator

Add 818-761-150 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

Alarm Equipments

Add 818-780-150 2
818-780-150 5 (J67441) - Floor Alarm Frame

818-780-151 7 (J67423) - Floor Alarm Units

DIVISION 819 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — NO. 3, NO. 5, AND NO. 5A CROSSBAR SYSTEMS

819-0 Indexes, General Information, and Miscellaneous Equipments
-1 Automatic Message Accounting Equipments
-2 Link and Junctor Grouping Equipments
-3 Marker, Connector, and Number Group Equipments
-4 Register, Sender, and Translator Equipments
-6 Trunk Equipments
-7 Test and Alarm Equipments
-9 No. 3 and 5A Crossbar

819-0 INDEXES, GENERAL INFORMATION, AND MISCELLANEOUS EQUIPMENTS

Indexes

♠ 819-000-000 43 Numerical Index — Division 819 — Equipment Design and General Equipment Requirements and Engineering Information — No. 3, No. 5, and No. 5A Crossbar Systems

General

Add 819-005-150 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

Add 819-005-153 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

819-010-180 6 Performance Requirements

819-011-180 3 Detailed Inspection Procedures — Central Office Equipment

819-012-170 4 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

Add 819-022-150 1
819-022-150 7 (J20155) - Limiting Conductor Lengths Between Frames and Units—No. 5 ACD System

Miscellaneous Frames

Add 819-050-150 1
819-050-150 3 (J27975) - 4-Wire Conference Controller Frame

Add 819-050-151 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

Add 819-054-150 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

Add 819-056-150 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

Add 819-057-150 1
819 057 150 6 (J27056) Message Register and Message Timing Frames and Associated Equipment Units

Add 819-058-150 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

Add 819-060-150 1
819-060-150 8 (J22752) - Office Interrupter Frame — 30, 60 and 120 IPM

819-062-150 1 (J27460) - Electronic Frames and Units

Miscellaneous Equipments

Add 819-080-150 1
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, 815-075-152, 816-028-150, and 818-081-151)

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)

819-1 AUTOMATIC MESSAGE ACCOUNTING EQUIPMENTS

819-100-170 1 Centralized Automatic Message Accounting — General — Engineering Information

Add 819-101-150 2
819-101-150 8 (J21350) - CAMA Switchboard (also Numbered 814-118-150, 817-101-150, and 818-102-150)

819-102-150 3 (J22470) - CAMA Position Link Frame

819-103-150 3 (J22468) - CAMA Sender and MF Receiver Frames

Add 819-104-150 2
819-104-150 11 (J22459) - LAMA, CAMA, and ANI Transverter Frames and Relay Rack Mounted Units

Add 819-104-151 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

Add 819-106-150 2
819-106-150 5 (J99301) - PBX AIOD Translator and Connector Equipment — Automatic Message Accounting or Automatic Number Identification

Add 819-107-150 2
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

819-108-150 4 (J22469) - CAMA Billing Indexer Frame

Add 819-114-150 1
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 814-115-151, 816-108-150, 817-120-150, and 818-108-150)

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

Add 819-115-152 1
819-115-152 1 (J94737) - Recorder and Recorder Control Frame — For Magnetic Tape Recording

Add 819-120-150 2
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 818-112-150)

819-121-150 2 (J23652) - Line Observing Number Matching Frame

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

Add 819-200-151 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

Add 819-200-154 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

Add 819-201-151 2
819-201-151 2 (J27756) - Four-Wire Trunk Link Frames

Add 819-201-152 1
819-201-152 1 (J27757) - Trunk Link Frame — Auxiliary Trunk Link Frame Using Small Crossbar Switches

Add 819-202-150 1
819-202-150 10 (J29051) - Incoming Register Link, Coin Supervisory Link and Outgoing Sender Link Frames

Add 819-203-150 1
819-203-150 2 (J29055) - Transfer Line Link — Transfer Register Link and Transfer Trunk Link Frames

Add 819-204-150 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

819-3 MARKER, CONNECTOR, AND NUMBER GROUP EQUIPMENTS

Marker Equipments

Add 819-300-150 1
819-300-150 9 (J28754) - Marker Frames

Add 819-300-151 2
819-300-151 10 (J28755) - Marker Units

Add 819-301-150 1
819-301-150 16 (J28760) - Completing Marker Frames

Add 819-301-151 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

Add 819-310-151 4
819-310-151 4 (J28152) - Connector Equipment Units

Add 819-311-150 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

Add 819-320-150 2
819-320-150 9 (J27853) - Number Group Frame

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

Add 819-401-151 2
819-401-151 8 (J27956) - Register Equipment Units for Originating and Incoming Registers and Outgoing and Intermarker Group Senders

Add 819-401-152 4
819-401-152 9 (J27958) - Control Equipment Units for Originating and Incoming Registers and Outgoing Intermarker Group Senders

Add 819-401-153 1
819-401-153 4 (J27955) - Pulse Counting Equipment Units for Originating and Incoming Registers

Add 819-401-154 2
819-401-154 5 (J27957) - Timing Equipment Units for Originating and Incoming Registers

Add 819-401-155 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

Add 819-403-150 2
819-403-150 8 (J27962) - Originating Register Frame and "TOUCH-TONE®" Receiver and Control Frame

Add 819-404-150 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

Add 819-410-150 1
819-410-150 7 (J27963) - Incoming Register Frames and Transfer Register Frames and Multifrequency Pulsing Receiver Frame

Add 819-411-150 1
819-411-150 3 (J27972) - Four-Wire Incoming MF Register Frame

Add 819-412-150 1
819-412-150 4 (J27976) - Trunk Test Register Frames

Add 819-420-150 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

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 7 (J29261) - Trunk Table C — Outgoing Full Selector and PPCS Trunks — Except Intertoll — Listing Trunk Equipment Units — Functions, Feature, and Options

819-600-154 7 (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 5 (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 7 (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 6 (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

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

Add 819-604-150 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

Add 819-606-150 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

Add 819-612-150 1
819-612-150 8 (J23059) - Test Trunk Equipment Units — Miscellaneous Relay Rack Mounted

Add 819-613-150 1
819-613-150 2 (J23071) - Wideband, Associated Audio, and Maintenance Trunks and Associated Frames

819-7 TEST AND ALARM EQUIPMENTS

Test Frames

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

Add 819-704-150 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

Add 819-710-150 2
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)

819-712-150 17 (J23450) - Automatic Progression Trunk Test Frames

819-712-151 1 (J23262) - Test Access Frame for Automatic Call Distribution

Add 819-712-152 1
819-712-152 1 (J23266) - Automatic Call Distribution Test Frames

Add 819-713-150 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

819-730-150 4 (J24756) - Sender Test Set and Register and CAMA Sender Test Sets

819-731-150 5 (J24753) - Test Set for Timing Tests

819-732-150 1 (J24761) - 4-Wire Timing Test Set

Add 819-733-150 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

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)

Add 819-753-150 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

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

819-906-156 2 (J29162) - Trunk Frames

Test and Alarm Equipments

Add 819-907-150 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

Add 819-910-155 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 AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — 1, 1A, 2, 2A, 3, 4 "ESS" SWITCHING EQUIPMENT, 1A PROCESSOR, AND REMOTE SWITCHING SYSTEMS

820-0 Index, General, Trunks and Frames
-1 1ESS Switch — Switching Networks
-2 1ESS Switching Equipment System Control
-3 1ESS Switching Equipment Arranged With 4-Wire Features
-4 1ESS Switching Equipment Arranged With Data Features
-5 1ESS Switching Equipment — Test, Maintenance, and Accounting
-6 2, 2A, and 3ESS Switching Equipment
-7 1A ESS Switch, 4ESS Switch, 1A Processor, and Remote Switching Systems

820-0 INDEX, GENERAL, TRUNKS AND FRAMES

Indexes

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General

Add 820-001-150 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 1 Signaling Range Limits — No. 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 1 (J1A088) - Combined Miscellaneous Trunk Frames and Units

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

Add 820-070-150 1
820-070-150 2 (J1A068) - Centrex Data Link Frame and Centrex Console Cabinet Equipment — Arranged With 2-Wire Features

820-1 1 "ESS" SWITCH — 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" SWITCHING EQUIPMENT 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

Add 820-204-152 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

Add 820-232-150 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" SWITCHING EQUIPMENT ARRANGED WITH 4-WIRE FEATURES

Add 820-301-150 1
820-301-150 3 (J2A002) - Trunk Switching Frame

Add 820-303-150 1
820-303-150 3 (J2A001) - Junctor Switching Frame

820-304-150 1 (J2A005) - Junctor Grouping Frame

Add 820-307-150 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

820-320-150 1 (J2A007) Simplex Converter Frame Arranged With 4-Wire Features

820-321-150 2 (J2A011) Preempt Tone and Repeated Alerting Line Applique Frame — Arranged With 4-Wire Features

820-322-150 1 (J2A009) Multiaddress Frame — Offices Arranged With 4-Wire Features

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

820-4 1 "ESS" SWITCHING EQUIPMENT 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" SWITCHING EQUIPMENT — TEST, MAINTENANCE, AND ACCOUNTING

Add 820-501-150 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

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

820-6 2, 2A, AND 3 "ESS" SWITCHING EQUIPMENT

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

Add 820-600-154 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

820-620-155 1 (J2H048) - Loop Range Extension — Common ESS Arranged With 2-Wire Features

System Control

Add 820-630-150 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)

Add 820-630-155 1
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)

820-630-158 1 (J2H101) - Tape Cartridge (KS-21439 Data Cartridge) No. 2B ESS Arranged With 2-Wire Features

Test, Maintenance and Accounting

Add 820-640-150 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)

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" SWITCH, 4 "ESS" SWITCH, NO. 1A PROCESSOR, AND REMOTE SWITCHING SYSTEMS

No. 1A Processor

820-701-150 3 (J5A001) - Processor Periheral 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

820-701-152 3 (J5A006) - Input/Output Frame and Input/Output Processor Frame — 1A Processor Arranged for 1A ESS Switch 2-Wire and 4 ESS Switch

820-701-153 1 (J5A002) - Tape Frame — Arranged for No. 1A ESS With 2-Wire Features and No. 4 ESS

820-701-154 1 (J5A003) - Call Store and Program Store — Arranged for No. 1A ESS Arranged With 2-Wire Features and No. 4 ESS

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 Switch

Add 820-720-180 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

4 ESS Switch

820-740-150 1 (J4A000) - No. 4 ESS — Summarizing Specification

820-740-151 1 Spare Parts Requirements

820-740-152 1 Trunk Compatibility — No. 4 ESS

820-740-180 1 Performance Requirements — No. 4 ESS

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. 4 ESS

820-741-161 1 (J4A012) - Office Alarm Grid Equipment

820-741-164 1 (J4A015) - Digital Services Complex - No. 4 ESS

820-741-165 1 (J4A016) - Multifrequency Compelled Transceiver Frame

Remote Switching System

820-760-001 1 Remote Switching System Frame — No. 10A

820-760-002 3 No. 10A — Remote Switching System — Performance Requirements

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DIVISION 821 — EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS AND ENGINEERING INFORMATION — TRAFFIC SERVICE SYSTEMS

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-1 Traffic Service Position System No. 1

-4 Automatic Intercept System
-7 Switchboards and Operating Room Desks and Associated Equipment
-9 Auxiliary Service Positions

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821-005-150 5 (J99280) - Centralized Supervisory Equipment

Add 821-006-150 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

Add 821-006-152 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

Add 821-120-150 2
821-120-150 6 (J1B001) - Universal Trunk Frame

821-121-150 5 (J1B002) - Trunk Link Network Frames

Add 821-122-150 1
821-122-150 4 (J1B003) - Position Link Network Frames

Add 821-123-150 1
821-123-150 5 (J1B004) - Miscellaneous Trunk Frame

Add 821-124-150 1
821-124-150 5 (J1B005) - Position Group Gate Frame

Add 821-125-150 1
821-125-150 5 (J1B006) - Position Scan Frame

Add 821-126-150 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

821-129-150 3 (J1B010) - Communication Bus Translator Unit

Add 821-130-150 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

821-132-150 5 (J1B014) - Power Distributing Frame — Remote Power Distributing Frame — Miscellaneous Power Distributing Frame

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

Add 821-136-150 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

Add 821-138-152 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

Add 821-138-153 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

821-139-150 2 (J1B053) - Controller Frame — No. 1 and 1B — Station Signaling and Announcement Subsystem

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

821-182-150 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

Add 821-410-150 1
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 820-630-150)

Add 821-410-151 1
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 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)

821-410-153 2 (J1B021) - Automatic Intercept Center No. 1A

Add 821-410-154 1
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 820-630-155)

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 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

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

Add 821-700-154 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

Add 821-700-159 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

Add 821-700-161 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

Add 821-700-165 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

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

Add 821-702-150 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

Add 821-704-150 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

Add 821-706-151 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

Add 821-706-154 1
821-706-154 8 (J61572) - Toll Switching Trunk — Relay Rack Units — Toll Switchboards

Add 821-706-155 1
821-706-155 3 (J61574) - Subscriber Lines — Relay Rack Units — Toll Switchboards

Add 821-706-156 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

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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

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

Add 821-709-151 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

Add 821-715-150 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

Add 821-716-153 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

Add 821-716-160 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

Add 821-717-150 1
821-717-150 6 (J95414) - No. 7 and 7A Information Desks

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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

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821-903-150 2 (J1B024) - No. 1A

Add 821-903-151 1
821-903-151 2 (J1B025) - Framework and Equipment

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821-904-150 4 (J1B026) - No. 1A, 2A, 2B, or 2C, — Relay Rack Mounted Units

Add 821-905-151 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

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-2 Service Observing and Evaluation

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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

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822-110-170 1 Traffic Measurement System No. 1A — General Features and Arrangements

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822-115-150 2 (J92610) - Traffic Data Recording System No. 1A

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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

822-116-150 1 (J3B018) - Engineering and Administrative Data Acquisition System (EADAS) — Central Office Terminal Equipment

822-116-151 1 (J3B019) - Engineering and Administrative Data Acquisition System (EADAS) — Central Unit

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822-121-150 4 (J92609) - KS-15947 Totalizer and KS-15946 Totalizer Test Set

822-121-151 2 (J3B014) - Switchboard Totalizer Interface Equipment

Add 822-122-150 1
822-122-150 3 (J92614) - Administrative Cabinet Equipment

822-123-150 10 (J93809) - Answering Time Recorders for Use With Manual, DSA, or Toll Switchboards and No. 3 Order Turret

Add 822-125-150 3
822-125-150 6 (J99231) - Dial Tone Speed Register and Indicating Equipment

822-125-151 3 (J3B021) - Electronic Dial Tone Speed Register Unit

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822-202-151 3 (J33023) - Relay Rack Units for Service Observing

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822-204-154 3 (J23850) - Service Observing Frame and Units — Automatic Message Accounting

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822-204-155 2 (J99298) - Equipment Units for Service Observing No. 100A Traffic Service Position

822-204-156 2 (J3B001) - Equipment Units for Service Observing AMA-DDD Outgoing Traffic in No. 1 Electronic Switching System

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822-204-159 1 (J79910) - Equipment Units for Service Observing No. 6A Teletypewriter Switchboard — Central Office Data Systems

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822-210-150 3 (J99207) - Central Office Observing Set No. 2

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822-220-150 1 (J3B009) - Special Studies Set No. 1A

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822-230-151 1 (J3B026) - Service Evaluation System No. 1A — Signal Converter/Allotter

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824-100-102 1 (J1P006) — No. 1 Automatic Message Accounting Recording Center for Use in Recording of Calling Data From Remote Central Office Locations

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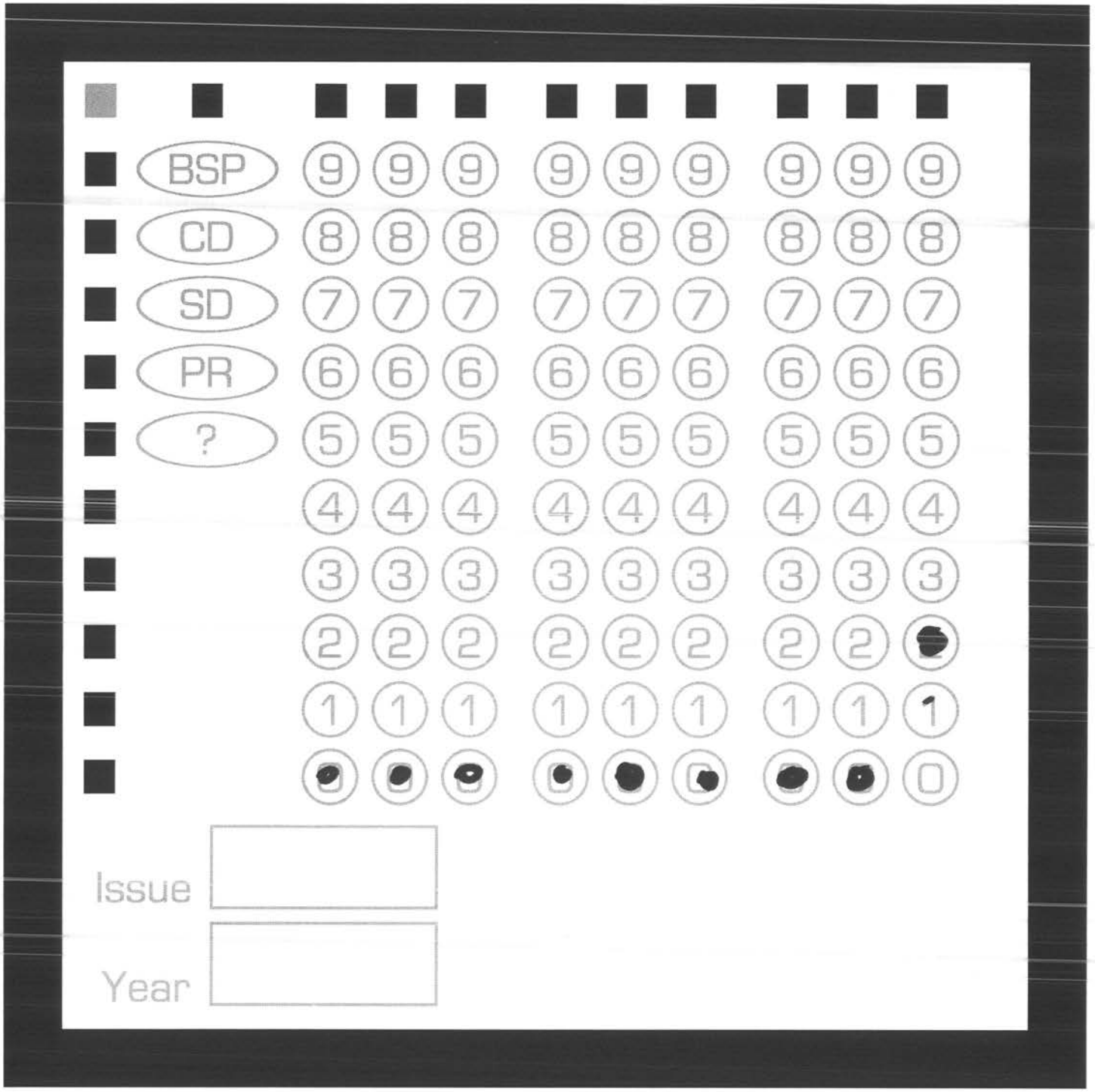

5. CATALOG OF INDEXES

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5.01 This catalog provides a numerical listing of indexes (excluding divisional numerical indexes) such as alphabetical, permuted, interdivisional, etc., released as Bell System, AT&T Western Electric, and AT&T Practices.

5.02 Each index entry consists of the 9-digit practice number of the index, the latest issue number, and the subject of the index.

5.03 A star (★) indicates an item rated AT&T SPCS which contains trade secret information and which is available to authorized addresses only.

5.04 A solid triangle (▲) indicates a new or reissued item which, because of their limited need, will not be distributed on standing order except through coded distribution. Additional copies may be obtained by placing regular (one-time) orders.

5.05 A spade (♠) indicates an item not on microfiche. This index indicates the latest issue for hard-copy practices. In some cases, the microfiche will reflect the next higher issue as a result of the reduced distribution interval.

5.06 "Add" is the abbreviation for Addendum.

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