

1 and 1A ESS™ Switches

1. Purpose

- 1.01 This index provides a listing of documents in Division 231.
- 1.02 This index reverted to Issue 1 in January 1985. Prior to that date there had been 99 issues of the index.

2. How to Use This Index

- 2.01 For additional index information, refer to *AT&T Master Index -- 9-digit Numbered Documents* AT&T 000-000-002. The Master Index contains all divisional indexes.

3. Conventions Used

- 3.01 A bullet (●) indicates an item that has been added or changed since the previous issue of the index.
- 3.02 An open square (□) indicates a cancelled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Cancelled items and related notes will be deleted upon reissue of the index.
- 3.03 A square with an enclosed "A" (▣) indicates an archived item. An archived document is one that, in all probability, will never be revised and/or has had no distribution activity for an extended period of time. Archived documents can be ordered.

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

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

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

3.07 An electronic media symbol (Ⓜ) indicates an item is available on CD-ROM, magnetic tape, or other electronic media.

3.08 Addendums, revisions, and supplements are listed *above* the associated document. Appendixes are listed *under* the associated document.

4. How to Order Documentation

- 4.01 To order this document:
- Within the continental United States, call 1-800-432-6600.
 - In Canada, call 1-800-256-1242.

5. How to Comment on This Index

- 5.01 AT&T values your opinion. We would like to know how well the index meets your needs. Please send comments on this index to:

AT&T Number Assignment Administrator
2400 Reynolda Rd., Department 4051
Winston-Salem, NC 27106-4696

Division 231

1 and 1A ESS™ Switches

- 231-0 Indexes, System Documentation (2-Wire 1 and 1A ESS™ Switches), Equipment Test Lists, and Documents Applicable to Both 1 and 1A ESS Switches**
 - 000 Indexes and System Documentation
 - 001 Equipment Test Lists and Documents Applicable to Both 1 and 1A ESS Switches
 - 030 Common Equipment — 2-Wire 1 and 1A ESS Switches
 - 045 Common Software — 2-Wire 1 and 1A ESS Switches
 - 050 Task Oriented Practices — Common to 2-Wire 1 and 1A ESS Switches
 - 060 Network Switching Engineering (em 2-Wire 1 and 1A ESS Switches
 - 061 Network Switching Engineering (em 2-Wire 1 ESS Switch
 - 062 Network Switching Engineering (\m 2-Wire and 1A ESS Switches
 - 070 Network Administration — 2-Wire 1 and 1A ESS Switches
 - 080 Network Maintenance — 2-Wire 1 and 1A ESS Switches
 - 099 Customer Information Releases (CIRs)
- 231-1 2-Wire — 1 ESS Switch**
 - 100 System Equipment and Operation
 - 160 Task Oriented Practices — 2-Wire 1 ESS Switch
 - 190 Feature Documents and User's Manuals — 2-Wire 1 ESS Switch
- 231-2 MTSO (Mobile Telephone Switching Office) — 1A ESS Switch**
 - 200 Overall AUTOPLEX® System 100 Descriptions
 - 210 MTSO Software Descriptions — 1A ESS Switch
 - 250 MTSO Maintenance — 1A ESS Switch
 - 290 MTSO Feature Documents — 1A ESS Switch
- 231-3 2-Wire — 1A Switch**
 - 300 Equipment — 1A ESS Switch
 - 310 Software — 1A ESS Switch
 - 360 Detail Maintenance — 1A ESS Switch

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

231-4 4-Wire — 1 ESS Switch

-400 Equipment — 4-Wire 1 ESS Switch

Number	Issue	Subject
231-0 Indexes, System Documentation (2-Wire 1 and 1A ESS™ Switches), Equipment Test Lists, and Documents Applicable to Both 1 and 1A ESS Switches		
231-000 Indexes and System Documentation		
● 231-000-000	88	Numerical Index — Division 231 — 1 and 1A ESS™ Switches
231-000-001	4	Alphabetical Index of 231 Division Section Titles
231-000-010	2	System Documentation — Description and Organization
231-001/029 Equipment Test Lists and Documents Applicable to Both 1 and 1A ESS Switches		
231-001-004	1	Network Switching Performance Measurement Plan — Integrity Review — Network Switched Services — 1/1A ESS Switches
● 231-001-005	4	Network Switching Performance Measurement Plan — Network Switched Services
231-001-010	2	Controlled Maintenance Plan — 2-Wire
231-001-011	8	2-Wire Switch System — 1 ESS™ Switch
231-001-012	13	4-Wire Switch System — 1 ESS Switch
231-001-013	14	2-Wire Switch Alarms — 1 ESS Switch
231-001-014	10	4-Wire Alarms — 1 ESS Equipment
231-001-017	4	System Evaluation — 1A ESS Switch
231-001-018	3	1A Processor — 1A ESS Switch
231-001-019	4	Switch Network — 1/1A ESS Switches
231-001-020	1	Administrative and Technical Operational Review — Central Office Maintenance
231-001-021	4	Special Application Equipment — 1/1A ESS Switches

Number	Issue	Subject	Number	Issue	Subject
231-001-022	4	Service Circuits — 1/1A ESS Switches	Addendum	1	
231-001-023	4	Trunks — 1/1A ESS Switches	231-009-101	3	Duplication and Bus System — Description
● 231-001-030	1	Portable Maintenance Equipment — Cords, Tools, and Material	231-009-801	2	2598 Bus Transformer Replacement Procedures for the Peripheral Unit Address Bus — 2-Wire
231-001-045	1	Software Maintenance — 1 ESS Switch	Addendum	1	
Addendum	1		231-010-301	9	Procedures for Strapping Ferrod Sensors
231-001-101	1	Central Control — Description	231-010-305	1	Analyzing and Locating Troubles (Shorted Ferrods) in Scanners Using Ferrods Type 1, 2, 3, 4, or 5
■ Addendum	4		231-010-801	2	Ferrod Sensors Replacement Procedures
■ 231-001-102	3	Central Control — Program Instructions	231-011-101	1	Program Organization — Description
Addendum	2		■ 231-011-102	1	Maintenance Program Organization — Description
231-001-301	6	779A Tool 25-Bit Plug-In Matcher — Method of Operation and Tests	231-016-301	9	Checking and Resetting System Clock
Addendum	1		231-017-301	4	Dial Tone Delay Alarm Operation
231-001-305	2	Analyzing and Locating Trouble in the Central Control	231-019-101	5	General Growth Description
231-003-501	6	Teletypewriter Facility — Loop Tests	231-025-101	3	32K Call Store — Description
231-004-101	2	Memory Card Writer — Description	231-025-305	4	Analyzing and Locating Trouble in the 32K Call
231-004-510	1	Memory Card Writer — Tests, Adjustments, and Trouble Clearing	231-026-101	2	Administrative Data Link Facility — Description
Addendum	1		231-030/044 Common Equipment — 2-Wire 1 and 1A ESS Switches		
231-004-801	8	1A Card Writing Unit — Piece-Part Data and Replacement Procedures	Addendum	2	
231-004-802	5	1A Card Loader — Piece-Part Data and Replacement Procedures	231-030-000	1	Central Pulse Distributor — Description
231-005-101	2	Program Store — Description	Addendum	1	
Addendum	1		231-030-010	1	Scanners — Description and Theory 1 and 1A ESS Switches
231-005-305	2	Analyzing and Locating Trouble in the Program Store	Addendum	1	
231-005-801	2	Program Store Memory Module Replacement Procedures	231-030-030	1	Signal Distributor — Description and Theory
231-006-101	2	8K Call Store — Description	231-031-000	2	Ferreed Switching Network — Description
231-006-305	2	Analyzing and Locating Trouble in the 8K Call Store	Addendum	2	
Addendum	1		231-031-004	1	Junctor Frame and Junctor Grouping Frame Description — With HILO 4-Wire Feature
231-007-305	2	Analyzing and Locating Trouble in Signal Distributors — 2-Wire and 4-Wire	231-031-010	3	Remreed Switching Network — Description

Number	Issue	Subject
Addendum	1	
231-032-000	1	Remote Office Test Line (ROTL) — Description
231-032-005	3	Trunk and Service Circuit Testing Capabilities
231-032-010	3	Trunk and Line Test Panel, Supplementary Trunk Test Panel, and Auxiliary Test Frame — Description
231-032-020	3	Manual Trunk Test Position and Auxiliary Manual Test Circuit — Description
231-032-025	2	Remote Trunk Test Unit — Description
231-032-400	1	Trunk and Line Test Panel Supplementary Trunk Test Panel and Manual Trunk Test Position — Telephone Sets 623A3, 1623A3, 2623A3, and 3756A — Piece-Part Data, Maintenance and Connections
231-033-000	1	Universal Trunk Circuits and Frame — Description/ Theory
231-034-000	3	Miniaturized Universal Trunk Frame — Description and Theory
231-034-010	3	Combined Miscellaneous Trunk Frame — Description and Theory
231-034-020	3	HIL0 Universal Trunk Circuits and Frame — Description
231-034-025	3	HIL0 Miscellaneous Trunk Frame (HIL0 Incoming Step-by-Step Trunks) — Description
231-035-000	1	Office Alarm System — Description/Theory
231-035-010	2	Power Distribution System — Description and Theory
231-036-000	1	Miscellaneous Frames — Description
231-037-000	2	Centrex Data Loop and Console Control — Description/Theory
231-037-020	3	Peripheral Unit Controller — Digital Carrier Trunk and Data Link — Description and Maintenance Considerations
231-037-021	2	Digital Carrier Trunk Interface — Description and Maintenance Considerations
231-037-022	2	No. 10A Remote Switching System Interface Description and Maintenance Considerations

Number	Issue	Subject
231-037-023	2	Electronic Tandem Switching — Interface Description and Maintenance Considerations
231-037-025	1	Peripheral Unit Controller (PUC) Data Link (DL) — Common Channel Interoffice Signaling (CCIS) — Description and Maintenance Considerations — Generic 1E7/1AE7 and Later — 2- and 4-Wire
231-038-010	2	2400 Data Link — Common Channel Interoffice Signaling — Description and Maintenance Considerations — (1E7/1AE7 and Later Generics)

231-045/049 Common Software — 2-Wire 1 and 1A ESS Switches

Software Descriptions

■ 231-045-000	3	Introduction
■ 231-045-005	2	Software System Introduction
■ 231-045-100	1	Operational Software Control Structure
■ 231-045-102	1	Supervision Modernization
■ 231-045-105	1	Call Processing — POTS
■ 231-045-106	1	Call Processing-Centrex
■ 231-045-110	2	Scanning
■ 231-045-115	1	Outpulsing
■ 231-045-120	1	Peripheral Control
■ 231-045-125	2	Operator Functions
■ Addendum	1	
■ 231-045-130	1	Coin Functions
■ 231-045-135	2	Charging
■ 231-045-140	1	Special Line Service
■ 231-045-145	1	Translations
■ 231-045-150	2	Recent Changes
■ 231-045-155	1	Queue and General Purpose
■ 231-045-160	1	Toll/Tandem Switching
■ 231-045-165	1	Measurement
■ 231-045-170	3	Network Management Software Subsystem Description (7-92)
■ 231-045-175	1	Centrex Data Link Features
■ 231-045-180	1	Business Communication Services
■ 231-045-200	1	Maintenance Control
■ 231-045-215	2	Audits — Software Description (5-92)

Number	Issue	Subject	Number	Issue	Subject
■ 231-045-220	1	Peripheral Diagnostic and Exercise	231-048-302	2	Recent Change Message Program Listings, System Acknowledgments, RC18, RC16, RC29, and RC Failure Output Messages — Description (1E6/1AE6 and 1E7/1AE7 Generic Programs)
■ 231-045-225	1	Centrex and AIOD Diagnostic and Exercise Programs	■ Addendum	1	
■ 231-045-230	2	Trunk and Service Circuit Maintenance	■ 231-048-303	6	CCIS, CFTRK, TG, TGBVT, TGMEM, TKCONV, and TRK — Trunk Translation Recent Change Formats (1E6/1AE6 Through 1E8B.05/1AE8A.04 Generic Programs)
■ 231-045-235	2	Trunk and Line Test	■ Addendum	1	
■ 231-045-245	1	System Performance	231-048-304	6	ARS, CCOL, CHRGX, DIGTRN, DITABS, DNHT, IDDD, IWSA, NOCNOG, NOGRAC, RATPAT, RI, RLST, TDXD, and TNDM, Rate and Route Recent Change Formats (1E6/1AE6 Through 1E8A/1AE8A.04 Generic Programs)
■ 231-045-255	1	Growth	■ Addendum	1	
■ 231-045-270	1	Network Maintenance	231-048-305	5	GENT, PSBLK, PSWD, and SUBTRAN — Recent Change Formats (1E6/1AE6 and 1E8A/1AE8A .04 Generic Programs)
■ 231-045-275	1	Ringling, Tones, and Recorded Announcement Maintenance	231-048-306	4	OBS, TOBS, and PLUG — Recent Change Formats (1E6/1AE6 Through 1E8A/1AE8A Generic Programs)
■ 231-045-405	3	Common Channel Interoffice Signaling	Addendum	1	
■ 231-045-410	1	Digital Carrier Trunk	231-048-307	4	CTRF, DIGTRN, NUTS, TNCTX, TRFHC, TRFLCU, and TRFSLB Traffic Measurement Recent Change Formats (1E6/1AE6 Through 1E8A/1AE8A Generic Programs)
■ 231-045-415	1	10A Remote Switching System — Call Processing	■ Addendum	4	
■ 231-045-420	1	10A Remote Switching System Maintenance — 2-Wire 1/1A ESS Switches	■ 231-048-308	4	AC, ACTABL, CUSTCB, DATLNK, DAMBI, DAMSK, DATER, ESCO, ESN, SAC, TCM, and TNESN — Recent Change Formats (1E6/1AE6 and Later Generic Programs) (2-93)
■ 231-045-425	1	Voice Storage System — Interface Software	■ Addendum	2	
■ 231-045-430	2	Peripheral Unit Controller	■ 231-048-309	4	CTXCB, CTXDI, CXDICH, DITABS, DLG, FLXDG, FLXRD, and FLXRS — Centrex-CO/ESSX-1 Recent Change Formats — (1E6/1AE6 Through 1E8/1AE8 Generic Programs)
■ 231-045-435	1	Automatic Call Distributor			
■ 231-045-440	1	Peripheral Unit Controller/Data Link			
■ 231-045-445	1	HILO 4-Wire Operation and Maintenance — 2-Wire 1/1A ESS Switches			
■ 231-045-455	1	Electronic Tandem Switching — Software			
■ 231-045-460	1	E911 Programs			
■ 231-045-490	1	ACMOS Operational Software			
Translation Data and Recent Changes					
■ Addendum	1		■ Addendum	4	
231-048-001	3	Translations — Basic Concepts	■ 231-048-308	4	
231-048-002	1	Line Translation Data — Description			
231-048-003	1	Trunk Translation Data — Description			
231-048-004	2	Routing and Charging Translations — Description			
231-048-010	1	MSN, CPDN, and Link List — Translation Data Description			
Addendum	1				
231-048-301	4	General Recent Change and Verification Information — Description —(1E6/1AE6 Through 1E8A/1AE8A Generic Programs)			

Number	Issue	Subject	Number	Issue	Subject
■ Addendum 231-048-310	3 4	ANIDL, BISI, CAMA, CFG, CLAM, CPD, JUNCT, LRE, MSN, NMTGC, PLM, PUC, PUCMB, RCHAN, ROTL, RSP, RSSCB, SCGA, SIMFAC, and TMBCGA — Recent Change Formats (1E6/1AE6 Through 1E8A/1AE8 Generic Programs)	231-049-301	1	Trunk Cutover Procedures — Utilizing Trunk Cutover Control Program (TCCP) — (1E5, 1AE5 and Later Generic Programs)
Addendum 231-048-311	1 3	Translators Not Having Specific Recent Change Messages — Updating Translations — (1E6/1AE6 Through 1E8A/1AE8A Generic Programs)	231-049-303	1	52A Responder — Drop Build-Out Network Adjustments — Return Loss Measuring Option
■ Addendum ■ 231-048-312	2 6	ACT, CFV, DNR LINE, MLHG, MOVE, MPTY, OB LIST, SIMFAC, TNESN, TWOPTY — Line Recent Change Formats — 1E6/1AE6 Through 1E8B.05/1AE8A.04 Generic Programs	Addendum 231-049-305	2 1	Remote Trunk Test Unit — Growth Procedure
■ 231-048-313	5	1CCB — Recent Change Formats — (1E8A/1AE8A and Later Generic Programs)(11-93)	231-049-306	2	Remote Trunk Test Unit — Build-Out Procedure
231-048-332	1	Adding a Centrex Console, or Nonconsole Data Link — Recent Change Procedures	231-049-310	2	Remote Terminal Maintenance From Host — Description — No. 10A Remote Switching System
231-048-333	1	Adding or Removing a Centrex-CO/ESS-1 Customer Overall Procedures (All Generic Programs)	231-049-315	2	Junctor Redistribution — Recent Change and Verification
231-048-346	2	Remote Switching System (RSS) — Recent Change Implementation Procedures (1E6/1AE6 and 1E7/1AE7 Generic Programs)	231-049-325	1	Centrex Data Link and Console — Demand Exercise Program — Procedures
231-048-348	2	Electronic Tandem Switching — Recent Change Implementation Procedures (1A6/1AE6 and 1E7/1AE7 Generic Programs)	231-049-326	1	Centrex Data Line and Attendant Telephone Console — Maintenance Procedures
■ Addendum 231-048-350	2 4	Carrier Interconnection — Recent Change Implementation Procedures — (1E8A/1AE8A through 1AE11 Generic Programs)	231-049-327	1	CAMA Operator Position — Exercise (COPE) Procedures
Growth and Maintenance Considerations 231-049-001	3	1 ESS Switch to 1A ESS Conversion — Description	231-049-330	2	Remreed Switches — Line Link Network and Trunk Link Network — Maintenance Considerations
			231-049-331	2	Ferreed Switches, Line Link Network and Trunk Link Network — Maintenance Considerations
			231-049-335	1	Automatic Identified Outward Dialing — Maintenance Considerations
			231-050/059 Task Oriented Practices — Common to 2-Wire 1 and 1A ESS Switches		
			Addendum	1	
			▲231-050-001	1	2-Wire Trunk Transmission Tests Using STTP/TLTP/MTTP — 1/1A ESS Switch
			▲231-050-002	2	Signal Distributor and Scanner Miniaturized Trunk Frames
			▲231-050-006	2	Trunk Test Panels and Test Lines Operational Tests Lines — Operational Tests (Generics 1E6, 1AE6 and Earlier)
			▲231-050-007	2	Manual Trunk Test Position — Operational Tests (Generic 1E7 and 1AE7)

Number	Issue	Subject	Number	Issue	Subject
▲231-050-008	2	Supplementary Trunk Test Panel — Operational Tests (Generic 1E7 and 1AE7)	▲231-055-010	5	Recorded Announcement Frames — (Generic Programs 1E7/1AE7 and Earlier)
Addendum	1		▲231-055-015	2	Miscellaneous Frames
▲231-050-009	2	Trunk and Line Test Panel — Operational Tests (Generic 1E7 and 1AE7)	▲231-055-030	2	Switching Control Center System Interface
▲231-050-010	3	HILO 4-Wire Trunk Transmission Tests Using Manual Trunk Test Position	231-060 Network Switching Engineering — 2-Wire 1 and 1A ESS Switches		
▲231-050-011	3	HILO 4-Wire Trunk and Service Circuit Tests	231-060-100	1	Traffic Order Preparation — General
▲231-050-012	2	HILO Trunk Frames	231-060-110	1	Traffic Order Preparation — Initial Offices
■▲Addendum	2		231-060-210	1	Service Circuits
▲231-050-015	5	Digital Carrier Trunk Frame	231-060-220	1	Trunk Receivers and Transmitters — Network Switching Engineering Service Circuits
▲231-050-021	1	CCIS — Local/Toll Using PUC/DL and 2400 DL	231-060-270	1	Service Circuits — Revision Notes
▲231-050-023	2	Trunk Circuit Tests — (1E5/1AE5 With MTTP Features) — 1E6/1AE6 Generic	231-060-310	2	Line Link Network
■▲231-050-024	3	Service Circuit Tests — (1E5/1AE5 With MTTP Features) — 1E6/1AE6 Generic	Addendum	1	
▲231-050-027	3	Peripheral Unit Controller — Data Link Frame	231-060-320	1	Network Engineering — Trunk Link Networks
■ Addendum	1		Addendum	1	
■▲231-051-001	4	Switching Network Operations and Trouble Clearing Data (TOP document)	231-060-330	1	Junctors and Intraoffice Trunks
▲231-051-002	4	Remreed Frames (Generic 1E6/1AE6 and Earlier)	231-060-340	1	Junctor Assignment Procedure
Addendum	1		231-060-630	1	1 ESS to 1A ESS Conversion Considerations
▲231-051-003	2	Ferreed Frames	231-060-810	2	Poisson Capacity Tables
▲231-051-004	2	Loop Range Extension Frame and LRE Test System (Generic 1E6/1AE6 and Later)	231-060-811	1	Traffic Order Worksheets — Traffic Order Preparation — Initial Offices
Addendum	1		231-060-812	1	Engineering Worksheets — Office Characteristics
▲231-051-022	3	Remreed Frames (Generic 1E7/1AE7 and Later)	231-060-820	1	Traffic Order Worksheets — Service Circuits
▲231-052-001	2	Office Alarm Systems	231-060-822	1	Traffic Order Worksheets — Trunk Receivers and Transmitters
Addendum	2		231-060-830	2	Network Engineering — Traffic Order Worksheets — Line Link Network
▲231-053-000	2	Remote Switching System Interface (Maintenance From Host)	231-060-831	1	Network Engineering — Traffic Order Worksheets — Trunk Link Networks
▲231-055-000	2	Lines	231-060-832	1	Traffic Order Worksheets — Junctor and Intraoffice Trunk Determination
▲231-055-004	3	Dynamic Overload Control and Network Management Controls			
Addendum	1				
▲231-055-008	2	Remote Office Test Line			

Number	Issue	Subject
231-061 Network Switching Engineering — 2-Wire 1 ESS Switch		
231-061-010	2	General Information — Introduction
231-061-400	2	Central Control and Signal Processor — Processor Capacity Considerations
231-061-410	2	Central Control and Signal Processor — Precutover Capacity Determination
Addendum	1	
231-061-420	3	Central Control and Signal Processor — Post Cutover Capacity Determination
231-061-450	1	Program Store
231-061-460	2	Call Stores
231-061-510	1	Centrex
231-061-605	1	Traffic Measurements
231-061-840	1	Network Design Worksheets — Program Store
231-061-850	1	Network Design Worksheets — Centrex

231-062 Network Switching Engineering — 2-Wire 1A ESS Switch

Central Processor

231-062-010	2	General Information — Introduction
231-062-400	2	Processor Capacity Considerations
231-062-410	2	Precutover Capacity Determination

Processor Community Engineering

231-062-420	2	Postcutover Capacity Determination
Appendix 1	1	Central Control and Signal Processor — Capfit Formulas
231-062-460	2	Program Store Memory
231-062-465	1	Call Store Memory — Duplicated Software
231-062-470	2	Call Store Memory — Unduplicated Software
231-062-473	1	Call Store/Program Store Hardware
231-062-475	2	File Stores
231-062-480	1	Auxiliary Data System

Number	Issue	Subject
231-062-842	2	Traffic Order Worksheets — File Stores
231-062-845	1	Traffic Order Worksheets — Call Store/Program Store Hardware

231-070 Network Administration — 2-Wire 1 and 1A ESS Switches

231-070-110	1	System Description
231-070-115	1	Processor Community
231-070-120	1	Call Processing
231-070-150	1	Administration Responsibilities
231-070-155	1	Capacity Management General
231-070-160	3	Method of Procedure — Transition Administration
231-070-190	3	Operational Review
231-070-215	1	Capacity Determination Work Sheets
231-070-240	1	Central Office Replacement — Task Overview and Check List
Addendum	2	
231-070-305	1	Service Circuits Description
Addendum	1	
231-070-320	1	Networks and Junctors — Description
231-070-325	2	Network Transition — Considerations
231-070-326	1	Junctor Transition — Analysis Procedures
231-070-405	1	Memory — General Description
231-070-410	1	Concepts of Translations
231-070-415	1	Translations/Office Records
231-070-425	3	Translations Spare Word Administration
231-070-427	1	Memory Administration
231-070-430	1	Call Store Items
231-070-435	1	Parameters and Call Store Administration
231-070-505	2	Traffic Measurements — General Description
Addendum	1	
231-070-510	3	Quarter-Hour Measurements
Addendum	1	
231-070-515	2	Traffic Measurements — Hourly Schedules
Addendum	2	
231-070-520	2	Traffic Measurements — Daily Schedules

Number	Issue	Subject	Number	Issue	Subject
Addendum	2		231-070-662	1	HILO and 2-Wire Tandem Traffic Measurements
231-070-525	2	Traffic Measurements — Weekly Schedules	231-070-663	1	HILO and 2-Wire Tandem — Division of Revenue Separation Matrix
231-070-527	1	Special Studies Control and Surveillance Procedures	231-070-664	1	HILO and 2-Wire Tandem — Remote Trunk Arrangement (RTA)
231-070-528	1	Special Studies — Subscriber Line Usage Study (SLUS) Implementation	231-070-710	1	Dial Tone Speed Delay
231-070-555	2	Central Office Equipment Reports (COER) — Administrative Guidelines	Addendum	1	
231-070-556	1	Central Office Equipment Reports (COER) — Office Description File Procedure	231-070-715	2	Matching Loss
231-070-557	1	Central Office Equipment Reports (COER) — Exception and Reliability Report Analysis	231-070-720	1	Service Observing
231-070-558	1	Central Office Equipment Reports (COER) — Busy Hour Determination (BHD)	231-070-725	1	Receiver Attachment Delay
231-070-559	1	Central Office Equipment Reports — CAPFIT Real Time Administration	231-070-730	1	Blocked Dial Tone/No. 2 SCCS Work Station
231-070-560	1	Patrol Remote Batch Data Entry	231-070-740	2	Load Balance — Description
231-070-561	1	Remote Switching System Central Office Equipment Reports — Description	231-070-742	1	Signal Distributor — Administrative Responsibilities
231-070-580	1	Busy Hour Determination	231-070-754	1	Network Switching Performance Measurement Plan — Service Monitoring Procedures
231-070-605	2	Line and Number Administration Considerations	231-070-755	2	Service Surveillance
231-070-606	1	Concentrated Range Extension With Gain (CREG)	231-070-756	1	Dial Tone Speed Service Problems — Analysis Procedures
Addendum	1		231-070-757	1	Matching Loss Problem — Analysis Procedures — Network Administration
231-070-620	2	Determination of Line and Number Requirements	231-070-758	1	Ineffective Attempts Problem — Analysis Procedures — Network Administration
231-070-630	2	Centrex and ESSX-1 — General Description	231-070-760	1	Office Overload Procedures
231-070-635	2	Centrex Planning and Cutover	Addendum	1	
231-070-636	1	50B Customer Premises System Translations	231-070-805	2	Line Load Control
231-070-640	1	Wide Area Telecommunications Service	231-070-806	1	Line Service Overload Strategy — Administrative Considerations
231-070-655	1	Enhanced Private Switched Communications Service (EPSCS) — Administrative Procedures	231-070-830	1	Recorded Announcements
231-070-660	1	HILO and 2-Wire Tandem Administration	231-070-850	1	35ASR Teletypewriter
231-070-661	1	HILO and 2-Wire Tandem Translations	231-070-860	1	Master Control Center
			231-070-875	1	DATASPEED® 40 Terminal
			231-070-880	1	Verification of Stored Information
			231-080 Network Maintenance — 2-Wire 1 and 1A ESS Switches		
			Addendum	1	
			231-080-201	1	Parameter Changes — Administrative Responsibilities
			231-080-301	1	Digital Carrier Trunk Frame — Implementation Guidelines

Number	Issue	Subject	Number	Issue	Subject
231-090/091 Feature Documents — Common to 2-Wire 1 and 1A ESS Switches					
231-090-011	5	Abstracts	■ 231-090-082	2	Calls Waiting Lamps
■ Addendum	1		■ 231-090-083	3	Calling Line Identification
■ 231-090-052	2	Automatic Line Insulation Test	231-090-084	3	Carrier Group Alarm and Trunk Make-Busy Key
■ 231-090-053	2	Station Ringer and Touch-Tone Test	■ 231-090-085	4	Common Control Switching Arrangement (2-83)
■ 231-090-054	1	Glare Resolution	■ 231-090-089	2	Call Pickup
231-090-055	3	Attendant Call Through Test on Centrex Trunks	■ 231-090-090	2	Centrex-ESS-1 Direct Inward Dialing
■ Addendum	2		■ 231-090-092	2	Code Calling
■ 231-090-056	2	Attendant Camp-On With Indication of Camp-On	■ 231-090-094	2	Code 103 Test Line
■ 231-090-057	2	Attendant Conference	■ 231-090-095	3	Coin
■ 231-090-058	2	Attendant Control of Trunk Group Access	■ 231-090-097	2	Coinless Public Telephone Service
■ 231-090-059	1	Attendant Direct Station Selection With Busy Lamp Field (50A CPS)	■ 231-090-098	2	Code 100-Type Test Line
■ 231-090-060	2	51A Customer Premise System Attendant Position	■ Addendum	1	
■ Addendum	1		■ 231-090-099	3	Code 105-Type Test Line
■ 231-090-061	1	Prefixed Access Code Translator	■ 231-090-100	3	Code 101-Type Test Line
■ Addendum	1		■ 231-090-101	2	Code 102-Test Line
■ 231-090-062	2	Peripheral Unit Controller/Data Link	■ 231-090-102	1	Code 107-Type Test Line
■ 231-090-065	3	AUTOVON Interface	■ 231-090-103	1	Synchronous Test Line
■ 231-090-066	2	Auxiliary Line Circuit	■ 231-090-104	1	Tandem Test Line
■ 231-090-067	2	2400 Data Link	■ 231-090-105	2	Combined Touch-Tone and Dial Pulse Calling on Incoming Tie Trunks
■ Addendum	2		■ 231-090-106	2	Interface With the Recorded Announcement Frame J1A058C
■ 231-090-070	2	Busy-Verification of Station Lines and Centrex Trunks	■ Appendix 1	1	Interface With the Recorded Announcement Frame J1A058D
■ Addendum	1		■ Appendix 2	1	Interface With the Recorded Announcement Frame J1A058E Feature Document (1A and 1A ESS Switches)
■ 231-090-074	5	Call Forwarding Variable Feature (11-93) Mike Auter 708-224-7053	■ 231-090-107	1	Interface With the Recorder Announcement Frame (J1A058A)
■ 231-090-075	6	Call Forwarding Busy Line and Call Forwarding Don't Answer Feature Document (10-92) Mike Auter 708-224-7053	■ 231-090-108	1	Interface With Desks
■ 231-090-076	3	Call Hold (CHD)	■ 231-090-112	1	Interface With Switchboards
■ Addendum	1		■ 231-090-114	5	Interface With Traffic Service Position System Feature (12-92)
■ 231-090-079	3	Call Transfer	■ 231-090-115	1	Interface With the Automatic Intercept System (AIS)
■ Addendum	3		■ 231-090-116	2	Station Dial Conference
■ 231-090-080	2	Three-Way Calling	■ Addendum	1	
■ Addendum	1		■ 231-090-120	6	1 and 1A ESS Switches — Carrier Interconnect Feature — Feature Document
231-090-081	4	Call Waiting	■ 231-090-121	1	Sleeve Lead Control

Number	Issue	Subject	Number	Issue	Subject
■ 231-090-122	2	Cut-Through to Operator After Local Intercept Announcement	■ 231-090-185	2	Account Codes — Electric Tandem Switching (2-93)
■ 231-090-123	2	Delay Announcements	■ Addendum	2	
■ 231-090-125	1	Inactive Line	■ 231-090-186	6	Station Message Detail Recording to Customer Premises — Electronic Tandem Switching (11-93)
■ 231-090-135	4	User Dialed Authorization Codes — Electronic Tandem Switching	■ 231-090-167	2	Basic Queuing for Trunks and Lines
■ 231-090-137	1	Automatic Time-Out of Announcements and Tones	■ 231-090-168	2	Traffic Data to Customer (Portable) — Electronic Tandem Switching
■ 231-090-138	1	Traveling Class Mark (TCM) — Enhanced Private Switched Communication Service (EPSCS) — Electronic Tandem Switching (ETS)	■ 231-090-169	1	Selective Customer Control of Facilities
■ 231-090-142	2	Flexible Route Selection	■ 231-090-171	1	Centralized Attendant Service
■ Addendum	2		■ 231-090-173	3	Manual Line Service (2-93)
■ 231-090-143	2	Party Line Service	■ 231-090-177	1	50B Customer Premises System Attendant Position
■ 231-090-144	1	Automatic Callback Calling	■ 231-090-178	1	50A CPS Attendant Position
■ 231-090-145	1	Full ESSX-1	■ Addendum	1	
■ Addendum	1		■ 231-090-179	2	Series Completion
■ 231-090-146	4	Routing-Selected Transmission Control	■ Addendum	2	
■ 231-090-147	2	Identified Outward Dialing	■ 231-090-180	3	Multiline Groups—Hunting and Nonhunting Capabilities
■ 231-090-150	1	Incoming Call Identification (ICI)	■ 231-090-186	2	Night Service
■ Addendum	4		● Addendum	1	
■ 231-090-152	2	Digital Carrier Trunk	■ 231-090-188	2	Service Observing Functions
■ Addendum	2		■ 231-090-191	1	Revertive Pulsing Trunks
■ 231-090-153	2	Operation With Remote Switching System	■ 231-090-192	2	Open Switching Interval Protection
■ Addendum	3		■ Addendum	1	
■ 231-090-154	3	Electronic Tandem Switching (2-93)	■ 231-090-195	1	Line Service Overload Strategy
■ Addendum	3		■ 231-090-196	2	Operator Tandem
■ 231-090-155	1	Call Forwarding Variable Via Private Facilities (CFPF) and CFPF/Electronic Tandem Switching Compatibility	■ 231-090-199	2	Loudspeaker Paging
● Addendum	2		■ 231-090-200	2	Radio Paging Access
■ 231-090-158	4	1 and 1A ESS Switches Distinctive Ringing/Distinctive Call Waiting Tone Feature Feature Document (12-92)	■ Addendum	1	
■ 231-090-159	5	International Direct Distance Dialing Features	■ 231-090-205	4	Permanent Signal and Partial Dial Treatment and Permanent Signal Administration
■ Addendum	1		■ 231-090-210	1	Power Failure Transfer — Attendant
■ 231-090-160	2	Deluxe Queuing — Electronic Tandem Switching	■ 231-090-211	1	Interface With MJ and MK Mobiles Radio Telephone System
■ Addendum	1		■ 231-090-217	2	Recorded Telephone Dictation
■ 231-090-163	2	Facility Administration and Control — Electronic Tandem Switching	■ 231-090-219	4	Remote Office Test Line and Processor Controlled Interrogator
			■ 231-090-229	2	Simulated Facilities Feature — 2-Wire

Number	Issue	Subject	Number	Issue	Subject
■ 231-090-234	2	Toll Operator Signaling and Compatibility With TSPS Residual Traffic (TORT)	■ Addendum	1	
■ Addendum	1		■ 231-090-312	3	Remote Call Forwarding
■ 231-090-253	3	Through Dialing	■ 231-090-316	1	Through Balance Test Facilities — 1 ESS Switch
■ Addendum	2		■ 231-090-321	2	Toll Diversion to Attendant
■ 231-090-254	1	Tandem Tie Trunk Service (Non-senderized)	■ 231-090-334	2	Automatic Call Distribution — Phase 1
■ Addendum	1		■ 231-090-336	1	ACD Multiline Group Hunt — 2-Wire
■ 231-090-256	1	Tie Trunk and Foreign Exchange Service	■ 231-090-338	3	Tones and Announcements to ACD Agents
■ 231-090-260	2	Trunk Answer From Any Station	■ Addendum	1	
■ 231-090-262	1	Trunk Group Busy Lamp (TGBL)	■ 231-090-339	3	ACD Queuing and Call Distribution to Agents (2-83)
■ 231-090-269	1	Basic ACD Service	■ Addendum	2	
■ 231-090-273	2	Outward Wide Area Telecommunications Service	■ 231-090-340	2	Selected Traffic to Customer
■ 231-090-274	1	800 Service — Originating Screening Office	■ 231-090-342	2	Code 104-Type Test Line (104 TL)
■ Addendum	2		■ 231-090-344	2	Directory Assistance Charging
■ 231-090-275	2	800 Service — Terminating End Office	■ 231-090-345	1	Fast Repeat of Answer Supervision
■ Addendum	1		■ Addendum	1	
■ 231-090-276	1	Busy/Idle Status Indicator	■ 231-090-346	1	Division of Revenue Measurements — (1E8/1AE8 Generic Program and Later)
■ Addendum	1		■ Addendum	2	
■ 231-090-278	1	Centralized Automatic Message Accounting (CAMA)	■ 231-090-350	2	Division of Revenue Peg Counts
■ 231-090-280	1	Hotel/Motel Service	■ 231-090-351	1	Customer Controlled Station Restriction (CCSR)
■ 231-090-285	1	Hospital Service	■ 231-090-356	2	Coin Line Activity Monitoring
■ 231-090-287	2	Universal Emergency Service Number 911 — Basic 911 Service	■ 231-090-359	1	Semirestricted Centrex Station Class
■ Addendum	4		■ Addendum	1	
■ 231-090-288	4	Universal Emergency Service Number 911 — Enhanced 911 Service	■ 231-090-366	3	HILO 4-Wire Switching
■ 231-090-291	2	Customer Dialed Account Recording	■ Addendum	2	
■ Addendum	2		■ 231-090-370	3	Dial Call Waiting
■ 231-090-292	2	Call Forwarding Usage Sensitive	■ 231-090-371	2	Directed Call Pickup — Nonbargain-In
■ 231-090-294	1	Combined Operator Office Trunk	■ 231-090-372	1	2-Wire Toll/Tandem Operation
■ 231-090-300	1	Flexible Incoming Call Restriction (FICR)	■ 231-090-399	2	Automatic Call Distribution — Phase 2 Description
■ 231-090-304	1	Multiple Position Hunt	■ 231-090-400	1	Single Digit Dialing
■ Addendum	2		■ Addendum	2	
■ 231-090-305	1	Network Management	■ 231-090-401	5	Speed Calling Feature (11-93)
■ 231-090-308	2	Interface With Pair Gain Systems	■ Addendum	1	
■ 231-090-309	1	Receiver Attachment Delay Report (RADR)	■ 231-090-402	1	Station Message Register Service

Number	Issue	Subject	Number	Issue	Subject
■ Addendum	1		●■ 231-090-425	7	1/1AESS Feature Handbook (12-93)
■ 231-090-403	1	Directed Call Pickup With Barge-In	231-099 Customer Information Releases (CIRs)		
●■ 231-090-404	3	Echo Suppressor Measuring System (ESMS) — Feature Document (3-94)	231-099-001TD	1	Selected Traffic Data to Customer (CTRF) Enrichment Feature, Switching Systems
■ Addendum	1		231-099-002TD	1	Centrex Flexible Route Selection (FRS) Improvements, Switching Systems
■ 231-090-408	2	Outgoing Trunk Queueing (Phase 1)	231-099-003TD	1	Centrex 2-Digit Individual Speed Calling, Switching Systems
■ 231-090-409	1	Multifrequency Signaling on Bylink Trunks	■ 231-099-004TD	1	INWATS AMA On DID Trunks, Switching Systems
■ Addendum	1		231-099-005TD	1	Attendant Call-Through Test Capability (Remote Test Verification System), Switching Systems
■ 231-090-410	1	Incoming Trunk Service Observing	231-099-006TD	1	Simplified Message Desk Interface, Switching Systems
■ 231-090-411	1	Interface With Common Systems — Recorded Announcement Frame	231-099-007TD	1	Electronic Tandem Switch Billing Improvements, Switching Systems
■ Addendum	1		231-099-008TD	1	Circuit Switched Digital Capability (CSDC), Switching Systems
■ 231-090-412	3	Basic Data Link Input/Output Control	231-099-009IR	1	1A E8 Issue 8A CCW and Usage Sensitive 3-Way Calling (USTWC) Features Ordering and Billing Classification, Switching Systems
■ 231-090-413	2	Interface With ACD-ESS Management — Information System	231-099-010NP	1	Periodic Partial Update Process and Forthcoming Custom Features for 1A ESS Switching Equipment Systems, Switching Systems
■ 231-090-415	1	ACD Phase 2 Agent Log-in	231-099-011NP	4	1A ESS Switching Equipment Generic Program 1A E9 - New Features and Enrichments, Switching Systems
■ Addendum	3		231-099-012PS	1	Updated Keyboard Display for 1A ESS Switches, Switching Systems
■ 231-090-416	2	Common Channel Interoffice Signaling — Local and Toll	231-099-013IR	2	1E/1A ESS Switch Translation Growth Process, Switching Systems
Appendix 1	1	Associated Common Channel Signaling	231-099-014NP	1	Periodic Partial Update for 1A E8 Issue 8A.03 & Forthcoming Custom Features for 1A ESS Switch Systems, Switching Systems
■ Addendum	1				
■ 231-090-417	1	Message Detail Recording on Tie Trunks			
■ 231-090-418	1	ACD Interface With 12A Customer Information System			
■ 231-090-419	1	Interface With Property Management System			
■ 231-090-421	1	Interface With Coordinator Cathode-Ray Tube Terminal Feature — Automatic Call Distribution — Phase II			
■ 231-090-422	1	Interface With 60A Customer Premises System — Automatic Call Distribution — Phase 1			
■ 231-090-423	1	Interface With 60B Customer Premises System — Automatic Call Distribution — Phase 2			
■ 231-090-424	1	Interface With 90A Customer Premises System — Automatic Call Distribution — Phase I			

Number	Issue	Subject	Number	Issue	Subject
231-099-015TD	1	Home Intercom 1A ESS Switch Custom Feature, Switching Systems	231-099-032IR	2	Interface Information (Protocol) Pay Per View (STAR 85), Switching Systems
231-099-016TD	1	Immediate AMA Dump Capability 1A ESS Switch Custom Feature, Switching Systems	231-099-033IR	1	Signal Reception and Rejection Limitations for ESS Switches, Switching Systems
231-099-017TD	1	Centrex Improved Recent Change Line Entry (CLE) 1A ESS Switch Custom Feature Offering, Switching Systems	231-099-034NP	3	1A ESS Switch 1AE10/CCST Generic Program New Features and Enrichments, Switching Systems
231-099-018IR	1	Centrex Data Facility Pooling, Switching Systems	231-099-035ML	1	1A ESS Switch ETS Business Custom Features, Switching Systems
231-099-019NP	1	Network Management Reroutes with 1/1A ESS Carrier Interconnect, Switching Systems	231-099-036PS	2	E911 Automatic Location Identification/Data Management System, Switching Systems
231-099-020IR	1	Generic Program Software Support Policy 1/1A ESS Switching Systems	231-099-037PS	2	ALI/MUX (Automatic Location Identification/Multiplexer), Switching Systems
231-099-021TD	1	Equal Access Considerations for HILO Offices, Switching Systems	231-099-038PS	3	E911 ANI (Automatic Number Identification) Controller and Display Unit, Switching Systems
231-099-022TD	4	Message Service System Interface Specifications, Switching Systems	231-099-039ML	1	1A ESS Switch Home Intercom/Single Line Variety Package Custom Features, Switching Systems
231-099-023TD	2	Simplex Voiceband Digital Interface Specification, Switching Systems	231-099-040IR	1	New AMA Formats for the Remote Access and Centrex Station Rearrangements Feature — 1A ESS Switch, Switching Systems
231-099-024TD	1	Centrex Data Facility Pooling Interface Specifications, Switching Systems	231-099-041IR	3	New AMA Structure Codes for LASS — 1A ESS Switch, Switching Systems.
231-099-025TD	1	1A ESS Switch Associated Common Channel Signaling, Switching Systems	231-099-042IR	3	New AMA Function Codes for LASS — 1A ESS Switch, Switching Systems.
231-099-026NP	1	1A ESS Switch Generic 1AE8 Issue 8A.05 Availability, Switching Systems	231-099-043ML	1	1A ESS Switch Remote Access to Call Forwarding Feature, Switching Systems.
231-099-027IR	3	Interface Information (Protocol) — Local Area Signaling Services for the 1A ESS Switch, 1AE9 Generic Program, Switching Systems (9-93)	231-099-044MA	1	E911 ANI (Automatic Number Identification) Controller Circuit Pack Upgrade, Switching Systems
231-099-028IR	1	New AMA Capabilities — 1A ESS Switch, Switching Systems	231-099-045IR	1	AMA Formats for the Service Switching Points Feature — 1A ESS Switch, Switching Systems
231-099-029TD	1	1A ESS Input/Output Asynchronous Protocol Specifications, Switching Systems	231-099-046NP	1	Periodic Update Process for 1A ESS Switch APS Software, Switching Systems
231-099-030NP	1	1A ESS Switch Generic 1AE8 Issue 8A.06 Availability, Switching Systems	231-099-048IR	1	AMA Formatting Change for the 1A Switch, Switching Systems
231-099-031TD	1	Interface Specification for Long-Haul Modems for Use in Centrex Data Facility Pooling, Switching Systems			

Number	Issue	Subject	Number	Issue	Subject
231-099-049MG	1	Deterioration of Voice Grade Ferrised Contacts in 242-Type Network Switches, Switching Systems	231-105-301	4	General Maintenance Procedures
231-099-050MG	1	CALL-STALKER® E911 System — Direct Trunking Compatibility Alert, Switching Systems	231-105-302	4	Procedures for Taking Equipment Out of Service, Removing and Restoring Equipment to Service — 2-Wire
231-099-051IR	1	AMA-LDC (Long Duration Call) — 1A ESS Switch, Switching Systems	231-105-305	1	Clock Speedup — Descriptions and Procedures
231-099-052TD	1	Output Specification Document from the APS (Attached Processor System) for the SBVA Feature — 1A Switch, Switching Systems	231-106-301	3	Method of Handling Complaints and Requests — AMA Charge Irregularities
231-099-053NP	1	1A ESS Switch 1AE11 Generic Program — New Features and Enrichments, Switching Systems	231-107-301	3	Trunk Error Analysis Tables and Trunk Error Message
231-099-055IR	1	Discontinued Availability of the 1 ESS Switch, Switching Systems	231-109-101	2	Maintenance Interrupt Description
231-099-056IR	4	1A ESS Switch — Automatic Message Accounting (AMA) Formatting Changes	■ Addendum	2	
231-099-057NP	1	1A ESS Switch 1AE12 Generic Program — New Features	■ 231-109-302	1	Analyzing Maintenance Interrupts and Trouble Locating Procedures — Generic 1E4 Through 1E6
			■ 231-110-301	6	Call Tracing and Calling Line Identification Procedures
			■ Addendum	2	
			231-111-101	2	786A Tool — Buffer Bus — Data Insert Keys — Description
			231-111-105	1	System Recovery — Description
			■ Addendum	2	
			■ 231-112-304	2	Analyzing Audit Output Messages
			231-114-501	4	Emergency Manual Line Circuit — SD- 1A156-01 and SD-1A243-01 — Tests
			231-115-501	11	Attendant Interface Frame, Auxiliary Manual Test Circuit, Processor Interface Frame, and Peripheral Data — Storage Processor Frames — Office Alarm Tests
			■ Addendum	2	
			■ 231-117-301	3	Off-Line Operations
			231-118-319	1	Locating, Analyzing, and Correcting Link List Troubles — All Generic Programs
			231-118-339	2	Automatic Call Distribution (ACD) Phase 2 Recent Change Procedures — 1E4 Through 1E6 Generic Programs
			Addendum	1	
			231-118-340	2	Overall Procedures for Implementing Automatic Call Distribution (ACD) Phase 1 — Generic CTX-8, Issue 3, and 1E4
231-1 2-Wire — 1 ESS™ Switch					
231-100/159 System Equipment and Operation					
Addendum	1				
231-100-101	2	Signal Processor — Description of System Operation			
■ Addendum	1				
■ 231-100-102	2	Signal Processor — Program Instructions			
231-100-311	3	Cutover Procedures (Pident SACT) — (CTX-6 and Later Generic Programs)			
231-102-101	1	Junctor, Trunk, and Service Circuits — Description			
231-103-101	2	Call Processing — Description			
Addendum	1				
231-104-301	7	Updating Program Store Translation Information			
Addendum	1				
231-104-302	8	Single Card Writing Procedures (Generic Program Overwrites)			
231-104-305	2	Monitoring Recent Change Area — Customer Originated Recent Change (CORC)			

Number	Issue	Subject	Number	Issue	Subject
231-118-342	1	Recent Change Procedures for Expanded 911 (E911) Service — 1E5 Generic Program	■ Addendum	2	
231-118-343	3	Enhanced Private Switched Communications Service (EPSCS II) — Recent Change Implementation Procedures — (1E6 and 1E7 Generic Programs)	■ 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)
231-119-320	5	Procedures for Building or Deleting Head Tables, Data Tables, Subtranslators, Auxiliary Blocks, and Unit Type Translators (Through 1E8A Generic Programs)	■ 231-119-335	1	Attendant Interface Frame — Growth Procedures (CTX-8 Generic Program)
■ 231-119-321	5	2:1 Ferreed and Remreed Line Link Network — Growth Procedures	■ 231-119-341	4	Master Scanner — Growth Procedures
■ 231-119-322	4	Universal Trunk, Miniaturized Universal Trunk, and HILO Universal Trunk Frames (Home and Mate) — Growth Procedures	■ Addendum	2	
■ 231-119-323	5	4:1 Ferreed and Remreed Line Link Network — Growth Procedures	■ 231-119-342	3	8K Call Store Central Control or Signal Processor Growth Procedures
■ 231-119-324	5	Ferreed and Remreed Trunk Link Network — Growth Procedures	■ 231-119-343	3	Program Store — Growth Procedures
■ 231-119-325	4	Junctor Frame (Home or Mate) — Growth Procedures	■ 231-119-344	3	Central Pulse Distributor — Growth Procedures — (CTX-6 Through CTX-8 Issue 3 Generic Programs)
■ 231-119-326	2	Miscellaneous Trunk Frame — Equipped With a Teletypewriter Transmitter-Receiver — Growth Procedures — (CTX-6 Through CTX-8 Issue 3 Generic Programs)	■ 231-119-345	4	Miscellaneous Trunk Frame and Miscellaneous Trunk Frame Signal Distributor (MTF/SSD, Combined MTF/SSD, or HILO MTF/SSD) — Growth Procedures
■ 231-119-328	4	Supplementary Trunk Test Frame and Auxiliary Test Frame — Growth Procedures	■ 231-119-346	3	Power Distributing, Recorded Announcement, Common Systems Recorded Announcement, Control and Distribution, Miscellaneous, Miscellaneous Power, Miscellaneous Trunk, Protector, Distributing, and Junctor Grouping Growth Frames (CTX-6 and Later Generic Programs)
■ Addendum	1				
■ 231-119-329	2	Centrex Data Link Frame and Centrex Data Link Unit — Growth Procedures	Addendum	2	
■ 231-119-330	2	Central Control to Signal Processor — Conversion Procedures (CTX-6 and Later Generic Programs)	■ 231-119-347	4	32K Call Store — Growth Procedures
■ 231-119-331	2	Miscellaneous Trunk Frame With Step-by-Step Incoming Trunks Growth Procedures (CTX-6 Through CTX-8 Issue 3 Generic Programs)	■ 231-119-351	3	Manual Trunk Test Frame and Auxiliary Manual Test Frame Growth Procedures — (1E4 and Later Generic Programs)
			231-120-302	5	Plant Measurement Procedures
			231-121-301	4	Dial Tone Speed Test Procedures
			231-125-301	8	Master Control Center — Alarm, Display, and Control Panel — Method of Operation

Number	Issue	Subject	Number	Issue	Subject
231-125-310	2	Displaying Scanner Row on Program Display Lamps of Master Control Center	231-144-308	2	PDSP Universal Data Link Controller and Data Link Interface — Software Description and Diagnostic Procedures
Addendum	2		231-144-310	1	Peripheral Data Storage Processor — Maintenance Procedures
231-130-301	8	Trunk and Line Test Panel, Supplementary Trunk Test Panel, and Auxiliary Test Frame — Method of Operation (Through 1E5 Generic Program)	231-144-311	2	Traffic Measurements for Peripheral Data Storage Processor
231-140-101	3	Teletypewriter Facility — Description	231-144-350	3	Recent Change and Data Base Generation Procedures for Enhanced Private Switched Communication Service — Peripheral Data Storage Processor
231-140-301	6	Teletypewriter Operating Procedures	231-144-360	2	Recent Change Procedure and Data Base Generation for E911 — Peripheral Data Storage Processor (PDSP)
231-144-000	1	Peripheral Data Storage Processor (PDSP) — Description	● 231-144-401	1	3B20D Data Switch — General Description — Enhanced Private Switched Communication Service
231-144-005	2	Processor Interface Frame — Description — Peripheral Data Storage Processor	● 231-144-402	1	3B20D Data Switch — Engineering Parameters — Enhanced Private Switched Communication Service
231-144-150	2	Enhanced Private Switched Communications Service — Peripheral Data Storage Processor — Data Base Description	● 231-144-403	1	3B20D Data Switch — Software Description — Enhanced Private Switched Communication Service
231-144-151	2	Enhanced Private Switched Communications Service — PDSP Software — Description	● 231-144-404	1	3B20D Data Switch — Traffic Measurements — Enhanced Private Switched Communication Service
231-144-152	2	Peripheral Data Storage Processor — Traffic Measurement Software — Description	● 231-144-405	1	3B20D Data Switch — Initialization and Recovery — Enhanced Private Switched Communication Service
231-144-301	2	System Initialization and Recovery Procedure — Peripheral Data Storage Processor (PDSP)	● 231-144-406	1	3B20D Data Switch — Maintenance Procedures — Enhanced Private Switched Communication Application
231-144-303	2	Data Base Reallocation Procedure — Peripheral Data Storage Processor	● 231-144-407	1	3B20D Computer Data Switch — Data Base and Recent Change Verify Description — Enhanced Private Switched Communication Service
231-144-304	2	Updating Generic Program — Peripheral Data Storage Processor (PDSP)	231-147-301	6	Auxiliary Test Programs — Common Procedures
231-144-305	1	Tape Data Facility — Operating Procedures — Peripheral Data Storage Processor	Addendum	1	
231-144-306	1	System Growth Procedure — Enhanced Private Switched Communications Service (EPSCS) and E911 Peripheral Data Storage Processor (PDSP)	231-148-301	4	Bus System Test Procedures
231-144-307	2	Peripheral Data Storage Processor — Processor Interface Unit — Software Description and Maintenance Procedures	231-148-303	4	Live Office Network Fabric Program — Procedures

Number	Issue	Subject
Addendum	1	
231-148-304	1	Scanner Test Procedures
231-148-305	2	Universal Controller Test Procedures
231-148-306	1	Junctor Test Program — Procedures
Addendum	2	
231-149-301	3	Administrative Data Link Facility — Transmit and Receive Procedures
231-150-301	4	AMA or AMATPS Data Retrieval and Insertion Procedures
231-151-301	5	Data Mapping Procedures
Addendum	1	
231-151-302	5	Translations Structure Check Program Procedures
Addendum	2	
231-151-303	3	Parameter/Translation Verification Program — Procedures
231-151-304	3	Translations Search Program — Procedures
231-151-305	4	Translation Data Check Program — Procedures
Addendum	1	
231-152-301	5	Automatic Board-to-Board Teesting Procedures
231-153-301	4	Program Store Copy, Compare, and Dump Procedures and Call Store Dump Procedure

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

Addendum	1	
▲231-162-000	1	Program Store Frames — (2-Wire and 4-Wire)
▲231-162-001	2	8K Call Store Frames — (Generic 1E4 Through 1E6)
▲231-162-005	1	Central Control (2-Wire and 4-Wire)
▲231-163-000	2	Memory Card Writer/Memory Card Loader — Operational Tests
▲231-163-002	3	Trunk and Service Circuits — Translations (Through Generic 1E8A)
▲231-164-000	2	System Recovery
■ Addendum	1	
▲231-164-005	2	System Evaluation

Number	Issue	Subject
■▲231-164-010	3	Generic Program, Parameter and Translations System Updates (TOP document)
▲231-165-001	1	Signal Processor
■ Addendum	1	
▲231-165-005	1	32K Call Store Frames — 1 ESS Switch — (Generic 1E6 and Earlier)
▲231-167-001	3	Centrex — CO/ESSX-1-Translations-Basic (Generic 1E4 — 1E7)
▲231-167-002	3	PBX — Translations (Through Generic 1E8A)
▲231-167-003	2	Automatic Call Distribution — Translations (Generic 1E4 Through 1E7)
■ Addendum	1	
▲231-167-004	3	Routing and Charging — Translations (Through Generic 1E8A)
▲231-167-005	3	CTX-CO/ESSX-1 — Translations CFG, CSR, DL, FRS, MLG, SFG — Through Generic 1E8A
▲231-167-015	1	Electronic Tandem Switching (Generic 1E6)
▲231-167-020	2	Translations — Miscellaneous Procedures and Trouble-Clearing Data
▲231-168-000	1	Master Control Center — 1 ESS Switch
▲231-171-001	3	Traffic and Plant Measurements (Generic 1E6 and Later)

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

Feature Documents		
■ 231-190-063	4	Automatic Message Accounting
■ 231-190-064	1	Centrex Station Rearrangements
■ 231-190-068	1	Interface With Automatic Message Accounting Transmitter
■ Addendum	2	
■ 231-190-127	2	Enhanced Private Switched Communications Service
■ 231-190-128	2	Meet-Me Conference Feature — Enhanced Private Switched Communications Service
■ 231-190-129	2	Network Trunk Queueing — Enhanced Private Switched Communications Service

Number	Issue	Subject	Number	Issue	Subject
■ 231-190-130	2	Network Message Detail Recording — Enhanced Private Switched Communications Service (EPSCS)	231-2 MTSO (Mobile Telephone Switching Office) — 1A ESS Switch		
■ 231-190-132	1	Authorization Code Screening — Enhanced Private Switched Communications Service	231-200/209 Overall AUTOPLEX[®] System 100 Descriptions		
■ 231-190-133	2	4-Wire Direct Access Line	231-200-005	3	System Description, MTSO, Cell Site, and Subscriber Unit — Cellular Telecommunications System
■ 231-190-134	1	Off-Network Calling Using Touch-Tone and Dial Pulse Outpulsing — Enhanced Private Switched Communications Service (EPSCS)	Addendum	1	
■ 231-190-136	1	Interface With Peripheral Data Storage — Processor	231-200-010	1	System Documentation — Description and Organization
■ 231-190-139	1	Automatic Calling Station Identification — Enhanced Private Switched Communications Service	231-200-020	3	Maintenance Considerations, Cell Site, and MTSO — Cellular Telecommunications System
■ 231-190-140	1	Network Attendant — Enhanced Private Switched Communication Service (EPSCS)	231-201-008	3	Cell Site Generic and Translation Updates — Cellular Telecommunications System
■ 231-190-141	1	Deluxe Network Access	231-210/219 MTSO Software Descriptions — 1A ESS Switch		
■ 231-190-148	1	Alternate Route Selection — Enhanced Private Switched Communications Service	■ Addendum	1	
231-190-149	1	Service Network — Shared Enhanced Private Switched Communications	■ 231-210-000	1	MTSO and Cell Site Overview
■ Addendum	1		231-210-510	1	MTSO and Cell Site Recovery — 2-Wire
■ 231-190-190	2	Office Overload Controls	Addendum	1	
■ 231-190-207	1	Traffic Measurements Feature	231-210-520	1	Cell Site Maintenance
■ Addendum	2		231-210-530	1	Cell Site Common Control — 2-Wire
■ 231-190-305	3	Network Management	231-218-301	4	Recent Change Formats and Implementation — Description and Procedures — Cellular Telecommunications System
■ 231-190-314	3	Operation With Engineering and Administrative Data Acquisition System	231-250/259 MTSO Maintenance — 1A ESS Switch		
■ 231-190-365	1	Automatic Broadcast Warning	231-250-010	3	Cell Site Maintenance, Initialization, and Recovery — Cellular Telecommunications System
Addendum	1		▲231-251-000	2	Speech Path Maintenance
■ 231-190-405	2	Interface With Switching Control Center System	■ 231-252-000	1	Cellular Networking Implementation, Operation, and Maintenance Procedures
User's Manuals					
231-195-100	1	Centrex Station Rearrangements			

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

Number	Issue	Subject
231-3 2-Wire — 1A ESS Switch		
231-300/309 Equipment — 1A ESS Switch		
●■ Addendum	3	
■ 231-300-005	3	Line Cutover Procedures (PI-DENT SACT)
231-300-008	4	Generic Overwrite and Recovery Tape Guidelines — Description
231-300-010	2	Acceptance Test Plan — Description
231-300-012	1	File Store to Attached Processor System Conversion
■ 231-300-014	3	Program Store and Call Store Expanded Memory Description
■ Addendum	1	
■ 231-300-015	6	Plant Measurements — Description
231-300-020	1	Customer Originated Recent Changes (CORC)
■ Addendum	1	
■ 231-300-021	3	Customer Originated Recent Changes — Description — (1AE7 and Later Generic Programs)
■ 231-300-025	2	Audit Output Messages — Analyses
■ Addendum	1	
231-301-000	3	Processor Peripheral Interface Frame and Control and Display Frame — Description — 2-Wire
231-301-001	1	Processor Peripheral Interface Frame and Control and Display Frame — Theory
231-301-005	2	Attached Processor System — General System Application
231-301-010	2	System Unit Duplication and Bus System — Description
231-301-020	5	Input/Output System — Description
231-301-025	1	Circuit Switched Digital Capability — Maintenance Circuit
231-301-026	1	Digital Office Timing Supply — Description — Circuit Switched Digital Capability
231-301-027	1	Circuit Switched Digital Capability (CSDC) — Channel Units — Voice Frequency Loss and Levels
231-301-301	1	Digital Office Timing Supply — Maintenance

Number	Issue	Subject	Number	Issue	Subject
■ Addendum	1		Addendum	1	
● 231-301-302	3	Common Channel Signaling 7 — Trunk Maintenance (3-94)	■ 231-311-006	5	Translation Structure Check Program — Procedures
■ Addendum	1		Addendum	1	
■ 231-302-301	4	E911 Bulk Recent Change Capability — Implementation and Maintenance Procedures — (1AE8A and Later Generic Programs)	■ 231-311-007	4	Translation Data Check Program — Procedures
■ Addendum	1		Addendum	1	
231-302-305	4	Enhanced Input/Output Subsystem — Implementation Procedures for Customer Channels (24 Through 95) — (1AE9 and Later Generic Programs)	231-311-008	2	Translation Search Program — Procedures
			■ 231-311-009	4	Translations Copy — Procedures
			Addendum	1	
			231-311-010	2	Recent Change Mapping — Description
			Addendum	2	
			231-311-011	1	Juncture Test Program — Description
			■ Addendum	1	
			231-318-316	1	General Recent Change and Verification Information — Description — (1AE8A.05 and Later Generic Programs)
			■ Addendum	1	
			231-318-317	1	Recent Change Message Program Listings, System Acknowledgments, RC18, RC16, RC29, and RC Failure Output Messages — Description — (1AE8A.05 and 1AE9 Generic Programs)
			Addendum	1	
			231-318-319	2	GENT, PSBLK, PSWD, and SUBTRAN — (1AE8A.05 and Later Generic Programs) — Recent Change Formats
			■ 231-318-320	4	Procedures for Adding or Deleting Head Tables, Data Tables, Subtranslators, Auxiliary Blocks, and Unit Type Translators
			■ Addendum	1	
			■ 231-318-321	1	Translators Not Having Specific Recent Change Messages — Updating Translations — (1AE8A.05 Through 1AE9 Generic Programs)
			● 231-318-325	10	ACT, CFV, DNRNGE, LINE, MLHG, MOVE, MPTY, SCLIST, SLE, TWOPTY, VEND — Line Recent Change Formats — 1AE8A.05 and later Generic Program (2-94)
231-310/319 Software — 1A ESS Switch					
Software Descriptions					
■ 231-310-210	1	Fault Recognition			
■ 231-310-240	1	Data Mapping (Updating)			
■ 231-310-250	1	Master Control Center			
■ 231-310-260	1	Local Utility Program — 2-Wire 1A ESS Switch			
■ 231-310-265	1	Input/Output Application			
■ 231-310-280	1	Library Control			
■ 231-310-300	1	Interrupt Recovery Software Control Structure			
■ 231-310-310	1	System Reinitialization			
■ 231-310-320	1	Hardware Recovery			
■ 231-310-330	1	Software Initialization			
■ 231-310-340	1	Emergency Mode Control			
231-310-405	1	Circuit Switched Digital Capability			
Procedures, Translations, and Recent Changes					
■ 231-311-000	6	Library System — General Description			
231-311-002	3	Peripheral Unit Bus Tests — Procedures			
231-311-003	2	Line Office Fabric Test — Description			
Addendum	1				
231-311-004	3	Universal Controller Test Program — Procedures			
231-311-005	2	Automatic Board-to-Board Testing Description			

Number	Issue	Subject	Number	Issue	Subject
231-318-330	1	OBS, TOBS, and Plug — Recent Change Formats — (1AE8A.05 Through 1AE9 Generic Programs)	231-318-360	2	Centrex Data Facility Pooling — Implementation Procedures — (1AE8A and Later Generic Programs)
■ Addendum	3		231-318-362	1	City Wide Centrex (CWC) — Implementation Procedures — (1AE9 Generic Program)
231-318-331	1	ANIDL, BISI, CFG, CLAM, CPD, JUNCT, LRE, MSN, NMTGC, PLM, PUC, PUCMB, RCHAN, ROTL, RSP, RSSCB, and SIM-FAC — Recent Change Formats — (1AE8A.05 Through 1AE9 Generic Programs)	■ Addendum	2	
■ Addendum	1		■ 231-318-364	4	Message Service System — 1AE9 and Later Generic Programs — Implementation Procedures
■ 231-318-334	4	CAMA, CCIS, CFTRK, POINTC SCGA, TG, TGBVT, TGMEM, TKCNV7 TKCONV, TMBCGA, and TRK — Trunk Translation Recent Change Formats — (1AE8A.05 Through 1AE10 Generic Programs) (11-93)	231-318-366	1	Centrex Electronic Key — Implementation
■ Addendum	1		■ Addendum	2	
■ 231-318-336	8	ARS, CCOL, CHRGX, DIGTRN, DITABS, DNHT, IDDD, IWSA, NOCNOG, NOGRAC, RATPAT, RI, RLST, TDXD, and TNDM — Rate and Route Recent Change Formats — (1AE8A.05 Through Generic Programs) (11-93)	■ 231-318-375	5	Common Channel Signaling System 7 Recent Change Implementation Procedures and Trunk Conversion (1AE10.01 and later Generic Programs) (7-92)
●■ 231-318-338	3	CTRF, DIGTRN, NUTS, TNCTX, TRFHC, TRFLCU, and TRFSLB — Traffic Measurement Recent Change Formats — (1AE9 and Later Generic Programs) (11-93)	■ Addendum	1	
■ Addendum	1		■ 231-318-376	3	Common Channel Signaling System 7 — SSP (Service Switching Point) Translation Implementation Procedures — (1AE10.01 and Later Generic Programs)
■ 231-318-338	3		231-319-001	3	General Growth — Description
●■ 231-318-340	9	Local Area Signaling Services (LASS) — Recent Change Implementation Procedures — (1AE9 and Later Generic Program) (3-94)	231-319-002	1	1024 to 2048 Trunk Link Network Merge — Description
■ Addendum	1		231-360/389 Detail Maintenance — 1A ESS Switch		
■ 231-318-350	1	Carrier Interconnection — Recent Change Implementation Procedures — 1AE12 (11-93)	■ Addendum	2	
●■ 231-318-355	7	CTXCB, CTXDI, CTXEXR, CXDICH, DITABS, Centrex-CO/ESSX-1 Recent Change Formats — (Generic Programs 1AE8A.05 and Later) (2-94)	■▲231-360-002	4	Master Control Center — Processor Peripheral Interface Frame
■ Addendum	2		■▲231-361-001	4	Switching Network — System Evaluation
■ 231-318-356	2	DLG, FLXDG, FLXRD, and FLXRS — Centrex-CO/ESSX-1 Recent Change Formats — 1AE8A.05 and Later Generic Programs (11-93)	▲231-361-003	3	Peripheral Growth — (Generic 1AE6 and Later)
			Addendum	1	
			■▲231-361-010	2	I/O, IOP, and TUC — Equipment Growth — (1AE6 and Later Generic Program)
			■▲Addendum	2	
			■▲231-361-015	3	Call Stores and Program Stores — Equipment Growth — (Generic Programs 1AE6 and Later)
			■▲231-361-020	4	File Store to Attached Processor System (APS) Conversion (6-93)

Number	Issue	Subject	Number	Issue	Subject
■ Addendum	1		▲231-368-002	5	Systems Performance Evaluation and Acceptance Tests — Non-APS — Generic 1AE7
■▲231-361-025	3	Attached Processor System Growth	■ Addendum	1	
●■▲231-461-026	6	Common Channel Signaling 7 — CNI (Common Network Interface) Ring Implementation: Guide (AP3C and Later Generic Programs) (2-94)	■▲231-368-011	6	System Operations and Recovery — APS Office (1AE8A and Later Generic Programs)(8-92)
■▲Addendum	1		▲231-368-012	2	System Performance Evaluation and Acceptance Tests — APS — Generic 1AE7
▲231-363-002	4	Trunk and Service Circuits-Translations — (Through 8A Generic 1AE8A) (7-92)	■▲231-368-015	5	Attached Processor System — Operations, Maintenance and Recovery User's Guide (AP2 and Earlier Generic Programs)
▲231-365-003	3	Circuit Switched Digital Capability Feature, Implementation, Acceptance and Growth	Addendum	1	
■ Addendum	1		■▲231-368-016	3	Automatic Message Accounting Standard Entries/Multientry Teleprocessing System — Maintenance Procedures
■▲231-365-005	5	Intelligent Simplex Peripheral Interface — Implementation Procedures — (1AE9 and Later Generic Programs) (6-92)	●■ 231-368-019	4	Common Channel Signaling 7 — CNI (Common Network Interface) Ring Description (2-94)
▲231-366-000	2	Auxiliary Program Library System (APLS) — (Generics 1AE5 and 1AE6)	●■▲231-368-020	8	Attached Processor System — Operation, Maintenance, and Recovery User's Guide — (AP3C and Later Generic Programs) — Processor Recovery Messages (2 Vols) (2-94)
▲231-367-001	4	Centrex-CO/ESSX-1-Translations-Basic (Through Generic 1AE8A)	■▲231-371-001	4	Traffic and Plant Measurements — Generic 1AE7 and Earlier
▲231-367-002	4	PBX-Translations — (Through Generic 1AE8A)	231-390/395 Feature Documents and User's Manuals — 1A ESS Switch		
▲231-367-003	3	Automatic Call Distribution — Translation (Generic 1AE and 1AE6)	Feature Documents		
▲Addendum	1		■ Addendum	1	
▲231-367-004	4	Routing and Charging — Translations — (Through Generic 1AE8)	■ 231-390-061	2	Prefixed Access Code Translator
▲231-367-005	3	CTX-CO/ESSX — Translations CFG, CSR, DL, FRS, MLG, SFG — (Through Generic 1AE8A)	231-390-063	4	Automatic Message Accounting
■ Addendum	2		■ Appendix 1	10	Automatic Message Accounting (8-93)
▲231-367-010	1	Enhanced 911 — (Generic 1AE6 and Later)	231-390-064	3	Centrex Station Rearrangements
▲231-367-015	2	Electronic Tandem Switching (Through Generic 1AE8A)	●■ 231-390-069	6	Automatic Message Accounting Standard Entries and Multientry Teleprocessing System (3-94)
▲231-367-020	2	Translations — Miscellaneous Procedures and Trouble-Clearing Date	Addendum	1	
●■ Addendum	1		231-390-086	2	Usage Sensitive Three-Way Calling
■▲231-368-001	9	System Recovery and System Operations — File Store Office (1-93)	231-390-087	1	Voice/Data Protection
			■ 231-390-088	2	Cancel Call Waiting

Number	Issue	Subject	Number	Issue	Subject
■ 231-390-120	1	Carrier Interconnect Feature (11-93)	231-390-289	1	Service Code Confirmation Timing
□■ 231-390-142	3	Flexible Route Selection Feature (11-93)	Addendum	1	
231-390-156	2	Carrier Trunk Conditioning Recognition	231-390-301	1	Centrex Electronic Key
■ 231-390-170	9	Message Service System Feature Document (6-93)	■ 231-390-305	5	Network Management Feature (11-93)
Addendum	1		■ 231-390-314	3	Operation With Engineering and Administrative Data Acquisition
231-390-175	1	City-Wide Centrex	■ 231-390-380	5	Circuit Switched Digital Capability (11-93)
■ Addendum	1		231-390-381	3	Home Intercom/Single Line Variety Package
■ 231-390-176	8	Simplified Message Service Interface Feature Document (6-93)	231-390-382	1	Immediate AMA Dump Capability
Addendum	1		■ Addendum	1	
231-390-184	1	Residential Data Facility Pooling	231-390-383	3	Expanded Electronic Tandem Switching Dialing Plan
231-390-185	2	Centrex Data Facility Pooling	■ 231-390-384	3	Customer Changeable Primary Inter-LATA Carrier (11-93)
231-390-190	2	Automatic Overload Controls	■ Addendum	2	
■ Addendum	1		■ 231-390-385	2	E911 Bulk Recent Change Capability
●■ 231-390-207	6	Traffic Measurement Feature (3-94)	■ 231-390-386	3	Pay Per View
■ 231-390-212	2	Cellular Mobile Radio Office	231-390-388	1	Off-Network 10-Digit Screening
■ 231-390-220	2	HILO 4-Wire Access Tandem (11-93)	■ Addendum	1	
■ 231-390-225	3	No. 2 Service Evaluation System (11-93)	■ 231-390-389	3	Remote Access Call Forwarding (11-93)
□ Addendum	2		■ Addendum	1	
□ 231-390-235	1	Local Area Signaling Services — General Description	■ 231-390-390	3	Number Group Number Recovery (2-93)
●■ 231-390-236	6	Selective Call Forwarding — Local Area Signaling Services (3-94)	■ 231-390-391	2	Remote Access Service
●■ 231-390-237	4	Distinctive Alerting — Local Area Signaling Services (3/94)	231-390-394	1	Centrex to Private Branch Exchange — Automatic Number Identification
●■ 231-390-238	4	Selective Call Rejection — Local Area Signaling Services (3-94)	■ Addendum	1	
●■ 231-390-239	10	Automatic Recall/Automatic Callback — Local Area Signaling Services (3-94)	231-390-395	1	Multiple Directory Numbers Per Line With Distinctive Ringing
●■ 231-390-241	5	Customer Originated Trace — Local Area Signaling Services (3-94)	231-390-396	1	Single Line Remote Call Forwarding and Interoffice Multiple Call Forwarding
■ 231-390-242	2	End-to-End Call Trace — Local Area Signaling Services	Addendum	1	
231-390-243	1	Bulk Calling Line Identification — Local Area Signaling Services	■ 231-390-405	2	Interface With Switching Control System — 2-Wire
Addendum	1		Appendix 1	1	APS Input/Output Message Interface With SCCS
■ 231-390-244	5	Individual Calling Line Identification — Local Area Signaling Services (8-92)	■ Addendum	1	
			231-390-410	1	Incoming Trunk Service Observing
			231-390-416	1	Associated Common Channel Signaling, General Description and Implementation

Number	Issue	Subject	Number	Issue	Subject
■ Addendum	1		231-401-106	1	Central Pulse Distributor — Description
■ 231-390-500	2	Common Channel Signaling System — General Description	231-401-107	1	Scanners — Description
■ Addendum	1		231-403-101	1	Call Processing — Description
■ 231-390-502	4	Integrated Services User Part — Common Channel Signaling System 7 (8-92)	231-403-105	1	Basic Concepts of Translations — Description
231-390-508	1	Transaction Capability Application Part — Common Channel Signaling System 7	231-404-301	1	Updating Program Store Translation Information Using the Memory Card Writer
■ 231-390-509	3	Service Switch Point — Common Channel Signaling System 7 (11-83)	231-405-101	1	General System Maintenance
■ 231-390-510	3	800 Service — Common Channel Signaling System 7 (11-83)	■ 231-405-302	2	Taking Equipment Out of Service Procedures
●■ 231-390-515	7	Local Area Signaling Services — Common Channel Signaling System 7 — General Description (3-94)	231-405-303	3	System Evaluation Procedures
231-390-519	1	Advanced Services Platform/Service Switching Point Feature — Feature Document	■ 231-407-301	2	Trunk Error Analysis Procedures
■ 231-390-520	3	Advanced Services Platform/Network Access Point Feature — Feature Document (11-83)	231-408-301	3	Ferreed Switches — Analyzing and Locating Trouble
■ 231-390-521	3	Network Interconnect Common Channel System 7 (11-93)	231-408-801	2	Ferreed Switches — Repair and Replacement Procedures
●■ 231-390-523	4	Total Separation — Selective Call Forwarding Feature — Local Area Signaling Services (3-94)	231-409-301	1	Analyzing Maintenance Interrupts and Trouble Locating Procedures
■ 231-390-525	2	Selective Call Acceptance and Computer Access Restriction — Local Area Signaling Services — Feature Document (11-93)	231-410-301	3	Calling Line Identification
■ 231-390-527	1	Unidentified Call Rejection — Feature Document	231-411-301	2	Emergency Action Procedure
User's Manuals			231-413-301	3	System Reinitialization
Addendum	2		231-415-501	4	Office Alarm Tests
231-395-100	5	Centrex Station Rearrangements — User's Manual	231-416-301	3	Method of Handling Permanent Signals and Partial Dials on Lines Using the 21A Testboard
231-4 4-Wire — 1 ESS Switch			■ 231-417-301	1	Off-Line Operations
231-400/449 Equipment — 4-Wire 1 ESS Switch			■ 231-418-301	5	Recent Change and Service Order Procedures
231-401-101	1	Switching Network — Description	■ 231-419-301	1	Head Tables, Data Tables, and Subtranslators — Growth Procedures
231-401-105	1	Signal Distributor — Description	■ 231-419-302	1	Universal Trunk Frame Growth — Recent Change Procedures
			■ 231-419-305	1	Universal Teletypewriter Circuit Growth Procedures
			231-420-301	3	Traffic Measurement and Recent Change Procedures
			231-422-301	3	Line Load Control and Emergency Manual Transfer
			■ 231-424-301	3	Method of Initiating and Interpreting Snap- Call Messages
			Addendum	1	
			231-425-301	3	Master Control Center — Alarm, Display, and Control Panel — Method of Operation

Number	Issue	Subject
231-425-302	5	Manual Diagnostic Procedures for the Master Control Center
Addendum	1	
231-430-301	3	Master Control Center — Dial Test Access — Method of Operation
231-430-701	3	Master Control Center Dial Test Access — Measurement and Adjustment of Transmission Test Trunks
■ 231-432-101	2	Office Status Display Frame (SD-2A055) — Description — 4-Wire 1 ESS Switch
231-432-301	1	Office Status Display Frame (SD-2A055) Operation and Maintenance — 4-Wire 1 ESS Switch
231-434-501	2	Multifrequency Test Environment Circuit SD-2A009 — Tests and Adjustments
231-435-501	3	Touch-Tone Transmitter Test Circuit SD-2A024-01 — Tests and Adjustments
Addendum	1	
231-436-501	3	Touch-Tone Detector Test Circuit SD-2A030-01 — Test and Adjustments
231-437-501	3	Multifrequency Transmitter SD-2A008 — Tests and Adjustments
231-438-501	3	Multifrequency Receiver SD-2A012 — Tests and Adjustments
231-439-501	4	2600-Hertz Dial Pulse/Wink Transmitter SD-2A038-01 — Tests and Adjustments
231-440-101	1	Teletypewriter Facility — Description
231-440-301	2	Teletypewriter Operating Procedures
■ 231-447-301	1	Auxiliary Test Programs
231-500-002	1	J98732BA-3, L4 Combined Channel Unit — Data Sheet