

**NUMERICAL INDEX — DIVISION 232  
NO. 2 ELECTRONIC SWITCHING SYSTEM (ESS)**

**1. GENERAL**

- 1.01** This section provides an index of System-issued sections in Division 232.
- 1.02** A bullet (●) indicates an item that has been added or changed since the previous issue of the index.
- 1.03** A square (□) indicates a canceled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Canceled items and related notes will be deleted upon reissue of the index.
- 1.04** A star (★) indicates an item rated AT&T SPCS which contains trade secret information and which is available to authorized addresses only.
- 1.05** A solid triangle (▲) indicates a Task Oriented Practice (TOP). These practices, 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.
- 1.06** A heart (♥) indicates a new or reissued item which, because of its limited need, will not be distributed on standing order except through coded distribution. Additional copies may be obtained by placing regular (one-time) orders.
- 1.07** "Add" is the abbreviation for Addendum, and "Sup" is the abbreviation for Supplement.

Section Number	Issue	Subject
232-002-101	2	General Description — Turnover/Cutover Test Plan — No. 2 and No. 2B
232-002-305	1	Automatic Office-to-Office Testing Procedures
232-002-306	1	Miniprocessor Operating Procedures — No. 2 and 2B
232-002-501	3	Power Verification Tests for Turnover/Cutover Interval — No. 2 and No. 2B
Add 232-002-502	1	Office-to-Office Test Circuit-Test and Adjustments
232-002-502	1	Office-to-Office Test Circuit-Test and Adjustments
232-002-503	2	Call Completion Rate Test for Turnover/Cutover Interval
232-002-504	3	Half-Office Tests for Turnover/Cutover Interval
Add 232-002-506	1	Verify Routine Test Lines for Turnover/Cutover Interval — No. 2 and 2B
232-002-506	2	Verify Routine Test Lines for Turnover/Cutover Interval — No. 2 and 2B
Add 232-002-508	1	Ringling and Tone Plant Transfer Tests for Turnover/Cutover Interval
232-002-508	2	Ringling and Tone Plant Transfer Tests for Turnover/Cutover Interval
232-002-509	4	Office-to-Office Tests for Turnover/Cutover Interval — No. 2 and No. 2B
Add 232-002-511	1	Operational Trunk Tests — Turnover/Cutover Interval — No. 2 and No. 2B
232-002-511	3	Operational Trunk Tests — Turnover/Cutover Interval — No. 2 and No. 2B
Add 232-002-513	1	Routing and Charging Accuracy Tests for Turnover/Cutover Interval — No. 2 and No. 2B
232-002-513	2	Routing and Charging Accuracy Tests for Turnover/Cutover Interval — No. 2 and No. 2B
232-002-514	2	Cutover and Pre-Cutover Procedures for Turnover/Cutover Interval — No. 2 and No. 2A
232-002-515	2	Verify Custom Calling Features for Turnover/Cutover Interval — No. 2 and No. 2B

**2. LAYERS**

- 2.01** This division is arranged in layers and sublayers as follows:
- 232-0 Index and General
    - 001 Equipment Test List (ETL)
    - 010 General Information
    - 060 Network Design
    - 070 Network Administration
    - 1 Sections Applicable to No. 2, 2A, 2B, and 2C ESS
    - 100 General System Information
    - 2 Sections Applicable to Centrex
    - 3 Sections Applicable to No. 2B and 2C ESS

**3. INDEX**

Section Number	Issue	Subject
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**232-0 INDEX AND GENERAL**

**Common (except as noted)**

- 232-000-000 78 Numerical Index — Division 232 — No. 2 Electronic Switching System (ESS)

**232-001 Equipment Test Lists (ETL)**

- Add 232-001-010 1 Controlled Maintenance Plan
- 232-001-010 1 Controlled Maintenance Plan
- 232-001-011 6 ETL
- 232-001-030 1 Portable Maintenance Equipment Cords, Tools, and Spare Material

**No. 2 and No. 2A ESS Only**

232-003-101	3	Teletypewriter Facilities — Description
232-003-301	2	Teletypewriter Operating Procedures
232-004-301	5	Updating Program Store Translation Information Using the Single Card Writer
232-004-302	1	Updating Program Store Translation Information Using the Tape Operated Memory Update System

**NOTICE**

Not for use or disclosure outside the Bell System except under written agreement

**SECTION 232-000-000**

Section Number	Issue	Subject	Section Number	Issue	Subject
Add 232-004-303	3		♥ 232-060-010	1	Introduction — No. 2/2B ESS
232-004-303	3	Change in Program Store Word Procedures — Using the Single Card Writer	♥ 232-060-050	1	Glossary — No. 2/2B ESS
232-004-304	1	Change in Program Store Word — Procedures Using Tape Operated Memory Update System	♥ 232-060-070	1	References and Current Documentation — No. 2/2B ESS
232-004-501	1	Program Store Margin Tests	♥ 232-060-101	1	Network Design Order Preparation — No. 2/2B ESS
232-004-801	1	Memory Module Unit Replacement Procedure	♥ 232-060-120	1	Network Design Order Preparation — Engineering of Additions — No. 2/2B ESS
232-005-101	1	3A Card Writing Unit — Description	♥ 232-060-210	1	Service Circuits — No. 2/2B ESS
Add 232-005-501	1		♥ 232-060-220	2	Trunks, Miscellaneous Circuits, and Frames — No. 2/2B ESS
232-005-501	1	Single Card Writer — Tests — 2-Wire			<i>Issue 1 not given general distribution</i>
232-005-701	2	3A Card Writing Unit — Requirements and Adjusting Procedures	♥ 232-060-310	1	Line Trunk Network — Switching Frames — No. 2/2B ESS
232-005-801	2	3A Card Writing Unit — Piece-Part Data and Replacement Procedures	♥ 232-060-330	1	Line Trunk Network — Junctors — No. 2/2B ESS
232-006-501	1	Call Store Margin Tests	♥ 232-060-400	1	Control Equipment — General — No. 2/2B ESS
232-006-801	2	Call Store Module or Diode Board Replacement Procedure	♥ 232-060-410	1	Control Equipment — Call Processing Capacity Precutover Determination — No. 2/2B ESS
232-007-101	1	Tape Operated Memory Update System — Description	♥ 232-060-420	1	Control Equipment — Call Processing Capacity Post Cutover Determination — No. 2/2B ESS
232-007-301	1	Tape Operated Memory Update System — Operating Procedures	♥ 232-060-450	1	Control Equipment — Program Store — No. 2/2B ESS
232-007-302	1	Tape Operated Memory Update System — General Maintenance and Troubleshooting Procedures	♥ 232-060-460	1	Control Equipment — Call Store — No. 2/2B ESS
232-007-501	1	Tape Operated Memory Update System — Test Procedures	♥ 232-060-510	1	Centrex — No. 2/2B ESS
<b>Common</b>			♥ 232-060-515	1	Miscellaneous System Components — Automatic Message Accounting — No. 2/2B ESS
232-008-101	2	Administrative Data Link — Description	♥ 232-060-520	1	Miscellaneous System Components — Inward WATS — No. 2/2B ESS
232-008-301	3	Administrative Data Link — Procedures	♥ 232-060-600	1	Miscellaneous System Components — General — No. 2/2B ESS
<b>232-010 General Information</b>			♥ 232-060-610	1	Miscellaneous System Components — Teletypewriters — No. 2/2B ESS
232-010-101	3	Scanners — Description	♥ 232-060-615	1	Miscellaneous System Components — Service Observing — No. 2/2B ESS
232-010-301	2	Ground-Start, Loop-Start, and Trunk Conversion Procedure for Type 2 Ferrod in Type 1B Sensor	♥ 232-060-620	1	Miscellaneous System Components — Distribution Frames — No. 2/2B ESS
232-010-801	2	Ferrod Sensor Replacement Procedures — No. 2 and No. 2B	♥ 232-060-625	1	Miscellaneous System Components — Recorded Announcement Frame — No. 2/2B ESS
232-016-301	3	Checking and Resetting System Clock	♥ 232-060-690	1	2A ESS Considerations — No. 2/2B ESS
232-019-101	2	General Growth Description	♥ 232-060-800	1	Network Design Worksheets — General — No. 2/2B ESS
232-019-102	1	Retrofit Description — No. 2B and No. 2C Electronic Switching Systems	♥ 232-060-805	2	Network Design Worksheets — Cross-Reference Matrix — No. 2/2B ESS
232-024-501	3	Recorded Announcement Facilities — Adjustments and Tests — No. 2 and No. 2B			
<b>232-060 Network Design</b>					
♥ 232-060-005	1	General — No. 2/2B ESS			

Section Number	Issue	Subject	Section Number	Issue	Subject
♥ 232-060-810	1	Network Design Worksheets — Capacity Tables — No. 2/2B ESS	♥ 232-070-137	1	Service Features — Toll Division and Toll Restriction — Network Administration
♥ 232-060-812	1	Network Design Worksheets — Office Characteristics — No. 2/2B ESS	♥ 232-070-140	1	Assignment Considerations
♥ 232-060-816	2	Network Design Worksheets — Centrex — No. 2/2B ESS	♥ 232-070-142	1	Preferential Network Assignment List
♥ 232-060-820	1	Network Design Worksheets — Service Circuits — No. 2/2B ESS	♥ 232-070-210	1	Dynamic Service Protection
♥ 232-060-825	2	Network Design Worksheets — Trunks — No. 2/2B ESS	♥ 232-070-212	1	Program Organization
<i>Issue 1 not given general distribution</i>			♥ 232-070-214	1	Service Overloads and Interrupts
♥ 232-060-830	1	Network Design Worksheets — Switching Network — No. 2/2B ESS	♥ 232-070-216	1	Memory Updates
♥ 232-060-835	1	Network Design Worksheets — Junctor Requirements — No. 2/2B ESS	♥ 232-070-218	1	System Initialization Procedures
♥ 232-060-840	1	Network Design Worksheets — Program Store/Main Store — No. 2/2B ESS	♥ 232-070-220	1	Network Channel Teletypewriter
♥ 232-060-842	1	Network Design Worksheets — Call Store — No. 2/2B ESS	♥ 232-070-222	1	Maintenance and Administration Center
♥ 232-060-844	1	Network Design Worksheets — Central Processor — No. 2/2B ESS	♥ 232-070-224	1	Automatic Message Accounting
♥ 232-060-846	2	Network Design Worksheets — Local Automatic Message Accounting — No. 2/2B ESS	♥ 232-070-230	1	Introduction — Machine Capacity Management
♥ 232-060-890	1	Network Design Worksheets — Summary Sheets — No. 2/2B ESS	♥ 232-070-232	1	Postcutover Call Processing Capacity
<b>232-070 Network Administration</b>			♥ 232-070-240	1	Generic Program Description
♥ 232-070-003	1	System Description	♥ 232-070-245	1	Data Management
♥ 232-070-005	1	General Introduction	♥ 232-070-250	1	Centrex Administration
♥ 232-070-010	1	Administration Responsibilities	♥ 232-070-252	1	Switching Systems Management — No. 2 and No. 2B Electronic Switching Systems — Centrex Service — Procedures for Adding a Centrex-CO Customer
♥ 232-070-025	1	Measurements	● ♥ 232-070-260	2	Translation Office Record Generation
♥ 232-070-035	1	Transition Management — Method of Procedure	♥ 232-070-265	1	User Terminal Interface Procedures — Patrol Subsystems — 2ESS COER and CADET
♥ 232-070-040	1	Dial Tone Speed	♥ 232-070-299	1	Data Management Forms
♥ 232-070-042	1	Service Results — Service Observing	<b>232-1 SECTIONS APPLICABLE TO NO. 2, 2A, 2B, AND 2C ESS</b>		
♥ 232-070-055	1	Abnormal Traffic/Load Conditions	<b>Common (except as noted)</b>		
♥ 232-070-060	1	General Description — Centrex Central Office Service	<b>232-100 General System Information</b>		
♥ 232-070-065	1	Operational Reviews	232-100-100	1	General Description
♥ 232-070-110	1	Load Balance	232-101-101	2	Switching Network — Description
♥ 232-070-115	1	Recorded Announcements	232-101-102	1	Remreed Switching Network — Description
♥ 232-070-120	1	Toll Network Protection	232-102-101	1	Junctor, Trunk, and Service Circuit — Description
♥ 232-070-135	1	Multiline Hunting	232-102-102	1	Applique Circuit Description
♥ 232-070-136	1	Series Completion	232-102-103	1	Functional Description of T1 Carrier — Direct Interface
			232-103-101	3	Call Processing — Description
			232-105-101	1	General System Maintenance
			Add 232-105-103	1	
			232-105-103	2	Maintenance Handbook

**SECTION 232-000-000**

<b>Section Number</b>	<b>Issue</b>	<b>Subject</b>	<b>Section Number</b>	<b>Issue</b>	<b>Subject</b>
232-105-301	2	System Recovery Guideline Procedures	232-119-302	1	Junctor Reassignment Procedures — No. 2A and No. 2C
232-105-302	3	Messages and Test Circuits Used to Test	232-120-301	4	Traffic and Plant Measurements
232-105-303	1	Trouble Shooting Procedures for Use With Automatically Detected Errors	232-121-301	2	Supplementary Central Pulse Distributor — Procedures for Removing and Restoring Power
Add 232-106-301	1		Add 232-121-302	1	
232-106-301	3	Maintenance Center Frame Control and Display Panel — Method of Operation	232-121-302	2	6.7 Volt Converter — Power Removal and Restoration
232-106-501	2	Maintenance Center Frame Control and Display Panel — Test Procedures	232-122-301	5	Dynamic Service Protection — Application
232-108-301	3	Line Trunk Network — Trouble Analysis	232-124-101	1	Office Data Administration Program — Description
232-108-801	3	Link Trunk Network — Ferreed Switch and Pulse Path Relay — Repair and Replacement Procedures	232-124-301	3	Office Update Procedures Using Regional Office Data Administration Program
● 232-108-802	1	Remreed Concentrator and Grid Replacement Procedures	232-125-501	4	System Evaluation
232-109-101	1	Control Complex Description	232-126-301	1	Module Maintenance Procedure
232-110-301	2	Calling Line Identification Procedures	232-127-101	1	Manual Translation Modification Procedure (LO-1, EF-1, and EF-2) — General Description
Add 232-111-501	1		232-127-301	1	Manual Translation Modification Procedure (LO-1 and EF-1) — Allocation of Call Store
232-111-501	4	MF Test Environment Circuit — SD-2H134 Tests	232-127-302	1	Manual Translation Modification Procedure (LO-1 and EF-1) — Allocation of Program Store Memory
232-112-101	3	Automatic Message Accounting Description	232-127-303	1	Manual Translation Procedure (LO-1, EF-1, and EF-2) Formatting Changes in Program Store
232-112-301	3	Automatic Message Accounting — Tape Loading and Unloading Procedures	232-127-310	1	Manual Translation Modification Procedure (EF-1) — Allocating New Centrex Group/Changing Size
232-112-302	3	AMA Charge Irregularities — Method of Handling Complaints and Requests	232-127-314	1	Manual Translation Modification Procedure (LO-1 and EF-1) for Adding Additional Trunks/Service Circuits
232-112-303	1	Integrating Local Automatic Message Accounting Frame Into Service	232-127-315	1	Manual Translation Modification Procedure (LO-1 and EF-1) — Allocation of New Expansion Tables
Add 232-113-301	1		232-127-326	1	Manual Translation Modification Procedure (LO-1, EF-1 and EF-2) Changing Range Extension Capability
232-113-301	4	System Initialization Procedures	● 232-127-327	1	Manual Translation Modification Procedure (EF-2 and 2B-EF-2) — Adding Additional Trunks/Service Circuits
232-114-501	1	Emergency Manual Line Circuit — Tests	Add 232-130-301	1	
232-115-501	5	Office Alarm Tests	232-130-301	4	Trunk Test Panel — Method of Operation
232-116-101	4	Permanent Signals and Partial Dials — Description of Handling	Add 232-130-501	1	
232-117-501	4	Precise Level Test Tone Circuit Tests SD-2H169-01	232-130-501	2	Trunk Test Panel (SD-2H075) — Tests
232-118-101	3	Basic Translation Data Description	232-131-501	3	Trunk Transmission Tests — Using Trunk Test Panel
232-118-102	1	Recent Change Procedures (Including Service Order) — Generic Program LO-1	232-132-101	2	Remote Office Test Line (ROTL) — Description
232-118-103	1	Recent Change Procedures (Central Office Changes) — Generic Program EF-1	▲ 232-132-301	1	Remote Office Test Line (ROTL)
232-118-104	1	Recent Change Procedures (Central Office Changes) — Generic Program EF-2 and 2B-EF-2			
232-118-301	3	Procedures for Adding a Centrex-CO — Customer			
232-119-301	2	Junctor Reassignment Procedures — No. 2 and No. 2B			

Section Number	Issue	Subject	Section Number	Issue	Subject
Add 232-133-501	1		Add 232-141-505	1	
232-133-501	2	Transmission Test Termination Circuits (SD-2H185) Tests	232-141-505	2	Line Access Trunk Circuit With or Without Reverse Battery Supervision — (SD-2H186) Tests
232-135-501	2	"TOUCH-TONE®" — Station Test Circuit (SD-1A199) — Tests and Adjustments	232-141-506	1	Outgoing Trunk Circuit to Switchboard No. 3CL in Distant Building High-Low Supervision Reverse Battery Ringback Coin Control on Tip and Ring (SD-2H105) — Test
Add 232-136-501	1		Add 232-142-501	1	
232-136-501	3	"TOUCH-TONE®" Calling Detector Test Circuit SD-2H131-01 — Tests and Adjustments	232-142-501	2	Coin Control Circuit (SD-2H125) With Dial Tone First Features — Tests
232-136-502	3	"TOUCH-TONE®" Calling Detector Circuit (SD-1A173) — Test	Add 232-143-501	1	
232-137-501	4	Dial Pulse Receiver — Test Circuit SD-2H133-01 Tests	232-143-501	3	Outgoing Trunk Circuit — Verification Request and Intercept Reverse Battery, High-Low Supervision (SD-2H107) — Tests
Add 232-138-501	1		Add 232-144-501	1	
232-138-501	4	Line Insulation Test Circuit (SD-2H142) — Tests and Adjustments	232-144-501	4	Station Ringer Test Circuit (SD-2H129) Tests
Add 232-139-501	1		Add 232-145-501	1	
232-139-501	3	Local Coin Overtime and Stuck Coin — Outgoing Trunk Circuit (SD-2H113) — Tests	232-145-501	3	Coin Zone Dialing to No. 3CL Switchboard Outgoing Trunk Circuit (SD-2H151) Tests
Add 232-140-501	1		232-146-501	3	Two-Way Trunk Circuit to Switchboard No. 3CL — (SD-2H110) — Tests
232-140-501	3	Incoming Trunk Circuit From Local Test Desk No. 14 or 16 or Local Test Cabinet No. 3 (SD-2H109) Test	Add 232-146-502	1	
Add 232-140-502	1		232-146-502	2	Two-Way Trunk Circuit (SD-2H112) Tests
232-140-502	2	Incoming Trunk Circuit for Local and Tandem Reserve Battery Supervision Delay Dial — (SD-2H149) — Tests	Add 232-146-503	1	
Add 232-140-503	1		232-146-503	1	Two-Way Trunk Circuit (SD-2H148) Tests
232-140-503	2	Incoming Trunk Circuit for Local and Tandem Reverse Battery Supervision (SD-2H101 and SD-2H104) — Tests	Add 232-147-501	1	
Add 232-140-504	1		232-147-501	3	Customer Dial Pulse Receiver Circuit (SD-2H114 and SD-2H177) — Tests
232-140-504	2	Incoming Trunk Circuit From Distant Step-by-Step Offices Reverse Battery — Supervision (SD-2H111 and SD-2H154) — Tests	232-148-501	1	Range Extension Circuit (SD-2H145) — Tests
232-140-505	1	Incoming Trunk Circuit From Switchboard — No. 3CL in Distant Building Third Wire Coin Control (SD-2H108) — Tests	Add 232-149-501	1	
232-141-501	4	Outgoing Trunk Circuit to Local Test Desk No. 14 (SD-2H141) — Test	232-149-501	2	Trunk Dial Pulse Transmitter (SD-2H122) and Receiver (SD-2H123) Circuit Test
Add 232-141-502	1		Add 232-151-501	1	
232-141-502	2	Outgoing Trunk Circuit for Local and Tandem Reverse Battery Supervision (SD-2H103-01 and SD-2H103-02) — Tests	232-151-501	2	Multifrequency Transmitter (SD-2H121) and Receiver (SD-2H124) Circuit — Test
Add 232-141-503	1		232-153-501	3	Junctor Circuit (SD-2H102) — Tests
232-141-503	2	Outgoing Trunk Circuit to Crossbar Tandem, Step by Step CAMA or TSPS No. 1 High-Low and Reverse Battery Supervision (SD-2H144) — Tests	Add 232-154-501	1	
Add 232-141-504	1		232-154-501	2	Tone Presence — Detector Circuit (SD-2H132) — Tests and Adjustments
232-141-504	3	Outgoing Trunk Circuit to Repair Service Desk — No. 2 High-Low Supervision (SD-2H147) — Tests	232-155-501	4	Ringling and Coin Control Test Circuit (SD-2H135) Tests
			Add 232-155-502	2	
			232-155-502	2	Ringling Circuit for Individual, Two-Party, Coin, and PBX Lines (SD-2H116-01) — Test
			Add 232-155-503	1	
			232-155-503	3	Ringling Circuit for Coded, Superimposed Reverting and Rural Ringing Off- and On-Hook Ringback (SD-2H126-01 and SD-2H126-02) — Tests
			232-157-501	1	Tone or Recorded Announcement Circuit With or Without Audible Ring (SD-2H118 and SD-2H119) — Test

**SECTION 232-000-000**

Section Number	Issue	Subject	Section Number	Issue	Subject
Add 232-158-501	2		★ 232-190-129	1	Permanent Signal and Partial Dial Treatment
232-158-501	2	3-Port Conference Circuit (SD-2H137) — Tests	★ 232-190-131	1	Dial Tone First and Coin Service Improvement
★ 232-162-105	1	Recent Change Processing — Software Subsystem Description	★ 232-190-132	1	Two-Party and Multiparty Service
★ 232-162-130	1	Tape Operations — Software Subsystem — Description	Add 232-190-133	1	
			★ 232-190-133	1	Series Completion Feature
			★ 232-190-134	1	Sleeve Lead Function
			★ 232-190-136	1	Speed Calling
			★ 232-190-139	1	Toll Restriction and Toll Diversion
			★ 232-190-142	1	Outward Wide Area Telecommunications Service (OUTWATS)
			★ 232-190-146	1	Ringin Features
			★ 232-190-149	1	Traffic Service Position System Interface
			Add 232-190-201	1	
			★ 232-190-201	1	Coin Station Test Line Feature
			Add 232-190-202	1	
			★ 232-190-202	1	Directory Assistance Charging
			Add 232-190-203	1	
			★ 232-190-203	1	Universal Emergency Service Number 911
			★ 232-190-204	2	Local Automatic Message Accounting (LAMA) <i>Issue 1 was standard</i>
			Add 232-190-205	2	
			★ 232-190-205	1	Remote Office Test Line Feature — Near-End and Far-End Applications
			Add 232-190-301	1	
			★ 232-190-301	1	Centrex Call Transfer Service — (Cal Transfer — Attendant, Call Transfer — Individual, Call Transfer — Individual — All Calls, Add Calls, Add-On, Consultation Hold, Consultation Hold — All Calls and (Threeway Calling)
			★ 232-190-302	1	Attendant Camp-On and Indication of Camp-On
			★ 232-190-303	1	Attendant Conference (CENTREX)
			★ 232-190-307	1	Busy Verification of Station Lines — (CENTREX-CO)
			★ 232-190-308	2	Call Forwarding — Variable (CENTREX)
			★ 232-190-309	1	Call Forwarding — Busy Line, Call Forwarding — Don't Answer, and Station Hunting (CENTREX)
			Add 232-190-312	1	
			★ 232-190-312	1	Call Pickup (CENTREX)
			★ 232-190-314	1	Code Call, Loudspeaker Paging, and Recorded Telephone Dictation
			★ 232-190-316	1	Direct Inward Dialing (CENTREX-CO)
			Add 232-190-318	1	
			★ 232-190-318	1	Centrex Directed Call Pickup
			Add 232-190-326	1	
			★ 232-190-326	1	Night Service for Centrex-CO (Night Service, Trunk Answer Any Station)
<b>232-190 Feature Documents — No. 2 and 2B Electronic Switching System</b>					
● ★ 232-190-003	1	Glossary of Terms For Feature Documents			
★ 232-190-011	1	Call Routine			
Add 232-190-012	1				
★ 232-190-012	1	General Description — Centrex-CO			
★ 232-190-013	1	Dial Line Service Observing No. 7B Service Observing Set or No. 12 Service Observing Desk			
★ 232-190-015	1	System Features			
Add 232-190-020	1				
★ 232-190-020	1	Zone 16 Service Features			
Add 232-190-023	1				
★ 232-190-023	1	Announcement Arrangements			
★ 232-190-024	1	Trunking Arrangements			
★ 232-190-025	1	Remreed Network			
★ 232-190-101	1	Charging Arrangements			
Add 232-190-102	1				
★ 232-190-102	1	Auxiliary Line Circuits			
★ 232-190-105	1	Call Forwarding (NONCENTREX)			
★ 232-190-106	1	Call Tracing			
★ 232-190-109	1	Centralized Automatic Message — Accounting and Special Toll Billing			
Add 232-190-112	1				
★ 232-190-112	1	Basic Coin Service			
Add 232-190-113	1				
★ 232-190-113	1	Dynamic Service Protection			
★ 232-190-114	1	Emergency Line Services			
★ 232-190-115	1	Extended Range			
★ 232-190-116	1	Free Terminating Lines			
★ 232-190-118	1	Inward Wide Area Telecommunications Service (INWATS)			
★ 232-190-121	2	Make Busy Features			
★ 232-190-123	1	Message Registers			
★ 232-190-124	1	Interface With MF and MK Mobile Radiotelephone Systems, Subscriber Loop Multiplexer System, Loop Switching System, and 1A Line Concentrator System			

Section Number	Issue	Subject	Section Number	Issue	Subject
★ 232-190-331	1	Centrex Speed Calling — ICENTREX-CO)	232-303-301	2	TTY Operating Procedures
★ 232-190-338	1	Tandem Tie Trunk Dialing (CENTREX)	232-304-301	1	Updating Program Store Translation Information
Add 232-190-339	1		232-304-303	2	Procedures for Changing Program Store Words
★ 232-190-339	1	Most Economical Routing (MER) (CENTREX)	232-305-101	1	General System Maintenance
● ★ 232-190-354	1	Direct Outward Dialing	Add 232-305-103	1	
Add 232-190-501	1		232-305-103	1	Maintenance Handbook
★ 232-190-501	1	Switchboard Trunk Interface Using DC Signaling	232-305-301	1	System Recovery Guidelines
★ 232-190-502	1	Automatic Identified Outward Dialing (AIOD)	232-306-301	1	Control and Display Procedures
<b>232-2 SECTIONS APPLICABLE TO CENTREX</b>			232-306-501	1	Maintenance Control and Display Panels — Tests
232-202-101	1	Centrex Data Loop and Console Control — Description	232-309-101	2	2B Processor Description
232-202-301	1	Centrex Data Link and Attendant Console Maintenance Procedure Using Maintenance Teletypewriter	232-309-102	1	3A Central Control and Control Panel — Functional Description
232-202-302	1	Centrex Console — Demand Exercise Program — Procedures	232-309-103	2	2B Processor — Functional Description of Main Store
232-203-101	2	Automatic Identified Outward Dialing (AIOD) — Description — No. 2 and No. 2B	232-309-104	1	2B Processor — Functional Description of System Status Panel
232-203-301	1	Automatic Identified Outward Dialing Maintenance Procedures Using Maintenance Teletypewriter — No. 2 and No. 2B	232-309-105	1	Functional Description of Tape Data Facility
Add 232-204-501	1		232-309-107	1	2B Processor — Functional Description of TTY Facilities
232-204-501	2	Centrex Attendant Loop Circuit (SD-2H172) and Trunk Circuit (SD-2H173) — Tests — No. 2 and No. 2B	232-309-108	1	2B Processor — Functional Description of Input/Output Control Circuit
Add 232-206-501	1		232-309-111	1	No. 2B Hardware and Supporting Documentation
232-206-501	2	Two-Way Long Haul Trunk Circuits (SD-2H157 and SD-2H158) — Tests — No. 2 and No. 2B	● Add 232-309-305	1	
			232-309-305	1	2B Processor — Tape Data Facility — Operating Procedures
232-207-501	3	Dial Pulse Repeater Circuit/Pulse Correction (SD-2H155) Tests — No. 2 and No. 2B	● Add 232-309-705	1	
			232-309-705	2	2B Processor — Tape Data Facility — Maintenance Procedures
232-208-301	1	Impedance Balancing Procedures on SD-2H182 (CENTREX Attendant Trunk Circuit) Arranged for 4-Wire to 2-Wire Conversion	232-313-301	2	System Initialization Procedures
232-209-501	3	Foreign Exchange Trunk Circuit (SD-2H174) — Tests	232-315-501	2	Office Alarm — Tests
Add 232-211-501	1		232-316-301	1	Checking and Resetting System Clock
232-211-501	1	Long Haul Foreign Exchange — Trunk Circuit (SD-2H180) Operational Tests	232-324-101	1	Office Data Administration Program — Description
232-212-501	2	6-Port Conference Circuit (SD-2H176) — Operational Tests — No. 2 and No. 2B	232-324-301	1	Office Update Procedures Using Regional Office — Data Administration Program and/or New Generic Program (EF-1).
<b>232-3 SECTIONS APPLICABLE TO NO. 2B AND 2C ESS</b>			● 232-325-501	2	System Evaluation
232-300-100	1	General Description <i>Replaces 966-200-101</i>	232-327-303	1	Manual Translation Modification Procedure (EF-1 and EF-2) — Formatting Changes in Program Store
232-302-514	1	Cutover and Precutover Procedures for Turnover/ Cutover Interval	● 232-327-314	1	Manual Translation Modification Procedure (2B-EF-1) — Adding Additional Trunks/Service Circuits