



4ESS™ Switch Interdivisional Numerical Index

1. Overview

1.01 This document contains an index of all Lucent Technologies documents within divisions identified in Part 2 that are relevant to the 4ESS™ Switch. This document is released, periodically, for information purposes only and is not reissued concurrently with the numerical indexes of the various divisions which are identified in Part 2.

⇒ NOTE:

Standard numerical indexes should be referred to when ordering documents.

1.02 This document is reissued to reflect current documentation availability and status.

1.03 This practice contains no admonishments.

1.04 Lucent Technologies welcomes your comments on this document. Your comments help us improve the quality and usefulness of Lucent Technologies documentation. Please complete and mail the Feedback Form provided in this document or call the Lucent Technologies Documentation Comment Hot-Line Service, 1-800-645-6759.

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1.06 Every effort is made to ensure that the information in this document is complete and accurate at the time of printing. However, information is subject to change.

1.07 This document was developed by the Lucent Technologies Customer Training and Information Products Organization. *Lucent Technologies is the successor to the successor to the business and assets of AT&T Network Systems business unit.*

2. How to Use This Index

2.01 For additional index information, refer to 000-000-002, Lucent Technologies Master Index—9-Digit Numbered Documents Alphabetical and Numerical Listings. 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. A note, following the cancelled item, contains necessary information about the cancellation. Cancelled items and related notes are deleted ensuing issue of the index.

3.03 A square with an enclosed "A" (⊠) indicates an archived item. An archived document, in all probability, is never revised and/or has had no distribution activity for an extended period of time.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 Task Oriented Practice (TOP).

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

3.08 Addenda and supplements are listed *above* the associated document. Appendixes are listed *under* the associated document.

4. Contents

4.01 The 234 division index (234-000-000) identifies the Lucent Technologies Company standard documents in the 234 division prepared to support the 4ESS Switch. This interdivisional index covers only documents outside the 234 divisions which are applicable to the 4ESS Switch.

4.02 This index is arranged numerically by divisions as follows:

000 General Information and Specifications

010 General Methods

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

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

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

069 Miscellaneous Methods — Apparatus and Equipment Cabling, Wiring, Cleaning, Treating, etc.

103 Transmission Test Equipment

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

157 Batteries

167 Power Plants, Power Units, and Power Supply

169 Rectifiers and Filament Supplies

179 Signaling Circuits and Associated Ringer Circuits

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

201 Supplemental Information — Central Offices

234 4ESS Switch (See Paragraph 2.01)

254 Stored Program Control

256 Common Channel Signaling System (CCSS)

312 Private Line Data Systems and Services

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

333 Interoffice Signaling Systems and Testing

356 Analog Multiplex Terminal Equipment

365 Digital Transmission Systems

660 Test Center Operation

780 Network Services Methods

800 Cross-Reference Lists, Administrative Information, General Equipment Requirements for Installation and Manufacturing, and General Performance Requirements

801 Equipment Design and General Equipment Requirements and Engineering Information — Common Systems

802 Equipment Design and General Equipment Requirements and Engineering Information — Power Systems

804 Equipment Design and General Equipment Requirements and Engineering Information — Toll Systems

820 Equipment Design and General Equipment Requirements and Engineering Information — 1, 1A, 2,2A, 3,4, and 5ESS® Switch, 1A Processor, and Remote Switching Systems

824 Equipment Design and General Equipment Requirements and Engineering Information — Operations Support Systems

855 Carrier Engineering

865 Transmission Maintenance Systems Engineering

951 Equipment Common to More than One Type of System — General Descriptive Information

5. Index

	Number	Issue	Subject
000-0 Index, General, and Cross-Reference Lists			
<input type="checkbox"/>	000-010-015	4	AT&T Practices Commenting Procedures
<input type="checkbox"/>	000-010-015 AC	1	AT&T Practices Commenting Procedures
<input type="checkbox"/>	000-130-100	1	Ordering Information
010-3 Administrative Maintenance Methods			
	010-300-011	8	Equipment Test Lists — Description
028-3 Dials, Dial Adapters and Mountings; Head Telephone Sets and Headsets			
	028-349-101	2	660 Communication Panel — Description and Connections
032-1 Capacitors, Diodes, Resistors, Thermistors, Transistors, and Varistors			
	032-173-301	7	Testing, Replacing, Handling, Storing and Shipping Circuit Packs and Semiconductor Devices

Number	Issue	Subject	Number	Issue	Subject
034-3 Perforators, Readers, Cleaning Cabinet, Recorders, Recorder-Reproducers, Tape Reeler, AMA Tape Reel, and Tape Announcing Machine			155-002/003 Commercial Power Failure — Power Plant Tests and Logs		
034-311-301	5	Magnetic Tape Management for Stored Program Control, Automatic Message Accounting, and Automatic Message Accounting Recording Center Applications — Description	155-002-010	1	Log of Operations for Emergency Engine Sets
034-311-301 AC	1	Magnetic Tape Management for Stored Program Control, Automatic Message Accounting, and Automatic Message Accounting Recording Center Application — Description	155-003-000	2	Section 1 — Power Systems — Engineering and Operational Review — General Instructions and Summary Procedures
034-369-302	1	Recorder KS-20571 — Troubleshooting Procedures for Rectifier KS-20573	155-003-001	2	Section 2 — Power Systems — Engineering and Operational Review — Power Engineering and Operations Checklist
034-369-701	2	Recorder — KS-20571 — Requirements and Adjusting Procedures	155-003-002	2	Section 3 — Power Systems — Engineering and Operational Review — Building Engineering Checklist
034-369-801	4	KS-20571 Recorder — Piece-Part Data and Replacement Procedures	155-003-003	2	Section 4 — Power Systems — Engineering and Operational Review — Power Failure Simulation
069-3 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — General			155-2 Gas Turbine Alternators		
069-350-801	3	946-/947- and 970-/971-Type Connectors — Cleaning Procedures	Addendum	1	
			155-207-301	2	KS-20460 List 1 Through 8 — 2500-KW Sets — Automatically or Manually Controlled — Operating Methods
			Addendum	1	
			155-207-701	2	KS-20460 list 2 and Lists 4 Through 8 — 2500-KW Sets — Automatically or Manually Controlled — Requirements and Adjusting Procedures
103-0 Indexes and Equipment Test Lists			157-6 Storage Batteries		
103-001-011	14	ETL—Transmission Test Equipment	Addendum	1	
			157-601-101	7	Lead-Acid Type — Theory and Definitions
103-2 Digital Access Timeslot Selector (DATS)			157-629-701	3	LINEAGE 2000 Round Cell — KS-20472 Lead Acid Storage Battery — Description, Installation, and Maintenance
103-245-100	3	J1C140A — Description	157-629-702	1	KS-20472 Battery Visual Inspection Procedure
103-245-500	2	J1C140-1 — Maintenance Information	167-001 Equipment Test Lists (ETL)		
155-001 Equipment Test Lists (ETL)			167-001-011	9	Ring and Tone Power Plants — Power Systems
155-001-011	8	Alternators, AC or DC Motor Driven — Power Systems Equipment			
155-001-015	15	Gas Turbine Engine Driven Alternators — Power Systems			

Number	Issue	Subject	Number	Issue	Subject
167-001-012	9	Power Plants — Power Systems	169-7 Rectifiers and Filament Supplies — Located on Telephone Company Premises		
167-001-013	16	Power Supplies — Power Systems	169-746-301	1	KS-21113, L1 and L2 Rectifiers — Lorain Products Corporation — 152 Volts, 200 Amperes — Operating Methods
167-6/7 Power Plants and Power Supply — Located on Telephone Company Premises			Addendum	1	
167-644-301	4	413A (J86826) — Operating Methods	169-746-302	2	KS-21113, L1 and L2 Rectifiers — ITT — North Electric Company — 140 Volts, 200 Amperes — Operating Methods
□ ▲167-647-102	2	415A Power Plant	169-746-303	1	KS-21113, L1 and L2 — 140 Volts, 200 Amperes — Acme Electric Company — Operating Methods
167-647-301	2	415A (J86875) Power Plant — Operating Methods	169-746-304	1	KS-21113 Rectifiers — Warrens Communications Company — 140 Volts, 200 Amperes — Operating Methods
167-680-301	1	526A — Operating Methods	169-746-305	1	KS-21113, Lists 1 and 2 Rectifiers — Acme Electric Company — 140 Volts, 200 Amperes — Trouble Locating
167-689-100	1	620A Power Plant — Description	179-3 2400- or 2600-Cycle Single-Frequency Signaling Systems		
167-689-101	1	620A Power Plant — Theory	179-360-101	1	Type F Signaling — 2600-Hz Tone Supply and Transfer — Circuit SD-1C224-01 — Description
▲167-689-102	2	620A Power Plant — Maintenance	Addendum	1	
167-689-103	1	620C (J86925) and 625C (J86926) Power Plant — Description	179-361-101	3	Signaling Test Extender for Use With Type F Signaling Units — Description
▲167-689-104	1	620C/625C Power Plants — Maintenance	179-362-101	3	2600-Hz FWA, FWB, and FWC SD-1C225-01 and SD-1C583-01 — Description
167-690-100	1	625B (J86903) Power Plant — Description	190-0 Indexes		
167-690-101	1	625B (J86903) Power Plant — Theory	190-001-011	7	Engineering and Administration Data Acquisition System (EA-DAS)
▲167-690-102	2	625B Power Plant			
167-691-100	1	630A Power Plant — Description			
167-691-101	1	630A (J86900) Power Plant — Theory			
▲167-691-102	1	630A Power Plant — Maintenance			
167-697-306	2	664A Converter Power Plant — Operating Methods			
167-728-100	1	820A (J87822) Ringing, Tone, and Interrupter Plant — Description			
167-728-101	1	820A (J87822) Ringing, Tone, and Interrupter Plant — Theory			
▲167-728-102	2	820A Ringing, Tone, and Interrupter Plant			
169-2 Rectifiers — Located on Customer or Telephone Company Premises					
169-256-301	5	J87224 — 130/152 Volts, 100 Amperes — Operating Methods			

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190-102-010	2	TOSC Operations and Administration	190-110-314	3	Common Equipment — Troubleshooting Procedures
190-102-015	3	Analysis of Test Results — CAROT Center and Remote User	190-110-321	4	Computer Subsystem and Control Equipment — System Acceptance Tests and Operational Test Procedures
Addendum	1		190-111-110	3	Application With 4ESS Switch — Description
190-102-100	3	General System Description	190-510 Engineering and Administrative Data Acquisition System (EADAS)		
Addendum	1		190-510-100	2	Description
190-102-103	1	Remote User Terminal — Description and Operation	201-2 Distributing Frames		
Addendum	1		201-224-101	3	J86334B, J86334C, and J86334D — DC Power Distributing Frames — Description and Operation
190-102-201	1	Data Base Administration	201-5 Announcement Systems, Timing Circuits, Tone Supply Circuits		
Addendum	1		201-520-101	5	Common Systems — Recorded Announcement Frame (CSRA) SD-97725-01, SD97725-02, SD-97725-03 and SD-97725-04
190-102-202	2	CAROT 2 Controller Administration	● 201-525-010AC	1	ISAIC System Description
Addendum	2		● 201-525-012AC	3	AAP Input/Output Manual
190-102-203	2	Data Base (Generic 2) — Description and Requirements	● 201-525-014AC	1	AAP Operations Manual
Addendum	1		● 201-525-016AC	3	AAP Troubleshooting
190-102-204	1	Circuit Order Activity — Implementation and Description	● 201-525-018AC	1	AAP Growth and Additions
Addendum	1		201-6 Alarm Systems and Order Wires, Miscellaneous Fuse Alarms, Emergency Line and Trunk Transfer Circuits, Alerting Systems, and Telemetry		
190-102-205	1	Text Editor Program	201-653-102	4	E2A Telemetry — Switching Control Center System — Description
Addendum	1		201-653-106	1	E2A Telemetry — 4ESS Switch Network Management Central and Remote — Description
190-102-206	2	SELEC Program	201-653-108	1	E2A Telemetry — 4ESS Switch — Combined Maintenance Operations — Center Description
▲ 190-102-301	2	Controller — Generic 2, Issue 3 — Operating Procedures			
▲ 190-102-305	2	Remote User Terminal Operating Procedures			
190-102-500	3	System Trouble-Locating Proc.			
190-102-501	2	Generic 2, Issue 5 — System Recovery Strategy			
190-102-502	1	Remote User Port Diagnostic Test Descriptions			
□ 190-103-	1	2 CAROT documentation			
190-110 No. 2 Switching Control Center System (No. 2 SCCS)					
190-110-110	9	Common Application — Description			
190-110-302	3	Computer Subsystem and Control Equipment — Hardware Check			

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201-653-502	5	E2A Telemetry Switching Control Center — Central and Remote Maintenance	254-201-001	2	Auxiliary Data System — Theory
201-653-506	1	E2A Telemetry — 4ESS Switch Network Management Control and Remote Maintenance	254-201-002	4	Attached Processor Interface Frame J5A012A-1 — Description
201-653-508	1	E2A Telemetry — 4ESS Switch Combined Maintenance Operations Center (CMOC) — Maintenance	254-201-003	1	Attached Processor Interface Frame J5A012A-1 — Theory
			☐ 254-201-012	1	Call Store/Program Store (1400 NSEC Semiconductor Store) J5A008A — Description
			☐ 254-201-013	1	Call Store/Program Store (1400 NSEC Semiconductor Store) J5A008A — Theory
			☐ 254-201-014	3	Call Store/Program Store (256K Semiconductor Store) J5A010A — Description
			☐ 254-201-015	1	Call Store/Program Store (256K Semiconductor Store) J5A010A — Theory
			☐ 254-201-030	5	Central Control Frame J5A005A/B — Description
			☐ 254-201-031	3	Central Control Frame J5A005A/B — Theory
			254-201-034	2	Portable Recovery Test Set J5A011 — Description
			254-201-035	2	Portable Recovery Test Set J5A011 — Theory
			254-201-036	2	Portable Recovery Test Set J5A011 — Operation
			254-201-040	2	Input/Output Frame — Description
			254-201-041	2	Input/Output Frame — Theory
			254-201-042	2	Input/Output Processor Frame — Description
			254-201-043	1	Input/Output Processor Frame — J5A006C-1 — Theory
			254-201-044	3	Input/Output Processor Frame J5A006D-1 — Description
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			254-201-045	3	Input/Output Processor Frame — J5A006D-1 — Theory
			☐ 254-201-060	4	Processor Peripheral Interface Frame and Control and Display Panels — Description
			254-201-070	2	Power Conversion and Distribution Frame — J5A007B-1 — Description
			254-201-071	2	Power Conversion and Distribution Frame — J5A007B-1 — Theory
			254-201-072	2	Power Conversion and Distribution Frame — J5A007C-1 — Description

234 4ESS Switch



NOTE:

234 division documents are listed in Lucent Technologies 234-000-000, *Numerical Index, 4ESS™ Switch*.

254-0 Index and Equipment Test List

☐ 254-001-011	2	1A Processor
☐ 254-001-011 AC	2	1A Processor
☐ 254-001-012	4	AT&T 3B20D Model 1 Computer
☐ 254-001-012 AC	2	AT&T 3B20D Model 1 Computer
☐ 254-001-013	3	AT&T 3B20D Model 2 Computer
☐ 254-001-013 AC	2	AT&T 3B20D Model 2 Computer
● 254-001-014	7	3B20 and 3B21D Computers Equipment Test List
■ 254-001-014 AC	2	Equipment Test List AT&T 3B20D Model 3 Computer

254-2 1A Processor (1A ESS™ and 4ESS Switches)

☐ 254-200-001	9	General Description
☐ 254-200-100	9	Maintenance Reference Handbook — APS/4ESS Switch Application
☐ 254-200-205	3	Diagnostic Program Applications — Description
☐ 254-200-210	5	Generic Utility Program Application — Description
Addendum	1	
254-200-215	1	Error Analysis Program and Error Analysis Library Program Applications — Description

254-201 1A Processor (Equipment)

254-201-000	3	Auxiliary Data System — Description
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254-201-073	1	Cost Reduced Power Conversion and Distribution Frame — Theory	Addendum	2	
			■ 254-280-210	2	Maintenance Control Program
			Addendum	3	
			■ 254-280-211	1	Paging Program
			□ Addendum	3	
			□■ 254-280-212	1	Master Control Console Common Control and Monitor Program
254-251 1A Processor (Equipment)			Addendum	3	
□ Addendum	3		■ 254-280-213	1	Library Control Program
□ ▲254-251-001	6	Central Control Frame	Addendum	1	
□ ▲254-251-003	2	1A Processor — TTY Message Analysis	■ 254-280-214	3	Library Programs
□ ▲254-251-005	7	Call Store/Program Store	Addendum	1	
□ ▲254-251-010	6	Auxiliary Data System	■ 254-280-220	3	Diagnostic Programs
□ ▲254-251-016	3	Attached Processor Interface Frame — 1A Processor	Addendum	3	
□ ▲254-251-020	6	Input/Output Frame — 1A Processor — J5A006A-1	■ 254-280-230	1	Diagnostic Results Post-Processing Program
□ ▲254-251-021	2	Input/Output Processor Frame — J5A006C-1	Addendum	1	
□ ▲254-251-022	3	Input/Output Processor Frame — J5A006D-1	■ 254-280-250	2	Generic Utility Program (GULP)
□ ▲254-251-025	4	Power Conversion and Distribution Frame — J5A007B-1	Addendum	3	
▲254-251-026	1	Power Conversion and Distribution Frame — 1A Processor — J5A007C	■ 254-280-260	1	Audit Programs
▲254-251-100	1	Portable Recovery Test Set — 1A Processor	■ 254-280-270	4	System Update Program
			■ 254-280-310	5	Fault Recovery Programs
			Addendum	2	
			■ 254-280-320	1	Error Analysis Program
254-280 Software Description			254-301 3B20D Computer (Model 1) — Common Systems		
Addendum	1		254-301-000	2	System Documentation — Description and Organization — 3B20D Model 1
■ 254-280-010	2	Datapool Documents 1A Processor	Addendum	1	
■ 254-280-020	2	Assembly Language 1A Processor	● 254-301-005	4	General Description
■ 254-280-030	3	Program listing 1A Processor	254-301-010	3	Central Control — Description and Theory of Operation
■ 254-280-040	4	Diagnostic Language — DL-1 — Software Description	● 254-301-020	5	Power Systems — Description and Theory of Operation
■ 254-280-102	1	1A Processor Write Protect Programs	● 254-301-100	4	Input/Output Interfaces — Description and Theory of Operation
Addendum	3		254-301-105	2	Input/Output Processor — Description and Theory of Operation
■ 254-280-110	1	File Store Administration Program	● 254-301-110	5	Input/Output Processor Peripheral Controllers — Description and Theory of Operation
■ 254-280-111	5	Input/Output Programs			
Addendum	3				
■ 254-280-112	1	Auxiliary Data System Operational Programs			
■ 254-280-114	1	Attached Processor Interface Programs — 1A Processor			

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254-301-115	4	Teletypewriter/Printer System — Description	Addendum	1	
254-301-200	4	Main Store — Description and Theory of Operation	■ 254-302-105	1	Input/Output Processor — Description and Theory of Operation
● 254-301-210	3	Moving Head Disk Drive — General Description	Addendum	1	
● 254-301-215	4	Disk File Controller — Description and Theory of Operation	254-302-110	2	Input/Output Processor Peripheral Controllers — Description and Theory of Operation
254-301-220	2	Magnetic Tape System — General Description	254-302-115	5	Teletypewriter/Printer System — Description
254-301-800	3	Emergency Action Facilities — Description	254-302-200	4	Main Store — Description and Theory of Operation
□ 254-301-809	1	Acceptance Test Plan — Description	254-302-210	1	300-Megabyte Moving Head Disk Drive — General Description — 3B20D Model 2
254-301-810	2	Test Equipment	Addendum	1	
▲254-301-811	5	Common Systems Routine Tasks	254-302-211	1	AT&T 3B20D Model 2 — 160-Megabyte Disk Drive — General Description
▲254-301-812	2	Control Unit Trouble Clearing	254-302-212	2	AT&T 3B20D — 340-Megabyte Disk Drive — General Description
254-301-813	1	Control Unit Trouble Clearing	■ 254-302-215	2	Disk File Controller — Description and Theory of Operation
▲254-301-816	3	Common Systems - Growth and Retrofit	● ▲254-302-216	2	3B20D SCSI Interface Controller — Description and Theory
254-301-821	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance	254-302-220	1	Magnetic Tape System — General Description
■ 254-301-821 AC	1	CDC 300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance	254-302-221	1	Magnetic Tape System KS-23113 — General Description
254-301-822	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance	254-302-800	2	Emergency Action Facilities — Description
■ 254-301-822 AC	1	CDC 300-Megabyte Moving Head Disk Drive — KS-22072,L2 — Preventive Maintenance	□ ▲254-302-808	4	Common Systems Acceptance Tasks
254-302 AT&T 3B20D Computer (Models 2 and 3) — Common Systems			254-302-809	1	Acceptance Test Plan — Description
□ 254-302-000	1	System Documentation — Description and Organization	254-302-810	1	Test Equipment — Description
□ 254-302-001	1	Interdivisional Numerical Index	□ ▲254-302-811	5	Common Systems Routine Tasks
254-302-005	6	General Description	□ ▲254-302-812	2	Trouble Clearing
254-302-010	2	Central Control — Description and Theory of Operation	□ ▲254-302-816	4	Common Systems — Growth and Retrofit
● 254-302-020	5	Power Systems — Description and Theory of Operation	254-302-821	1	300-Megabyte Moving Head Disk Drive — KS-22072,L1 — Preventive Maintenance — 3B20D Model 2
254-302-100	3	Input/Output Interfaces — Description and Theory of Operation			

Number	Issue	Subject
■ 254-302-821 AC	1	300-Megabyte Moving Head Disk Drive — KS-22072,L1 — Preventive Maintenance — 3B20D Model 2
254-302-822	1	300-Megabyte Moving Head Disk Drive — KS-22072,L2 — Preventive Maintenance — 3B20D Model 2
■ 254-302-822 AC	1	300-Megabyte Moving Head Disk Drive — KS-22072,L2 — Preventive Maintenance — 3B20D Model 2
254-302-823	1	300-Megabyte Moving Head Disk Drive — KS-22707,L1 — Preventive Maintenance — 3B20D Model 2
■ 254-302-823 AC	1	300-Megabyte Moving Head Disk Drive — KS-22707,L1 — Preventive Maintenance — 3B20D Model 2
254-302-824	1	300-Megabyte Moving Head Disk Drive — KS-22707,L2 — Preventive Maintenance — 3B20D Model 2
■ 254-302-824 AC	1	300-Megabyte Moving Head Disk Drive — KS-22707,L2 — Preventive Maintenance — 3B20D Model 2
□ ▲254-302-830	4	Common Systems — Acceptance Tasks (PDS Formats)
● ▲254-302-831	8	Common Systems — Routine Tasks (PDS Formats)
● Revision	4	
▲254-302-832	1	Common Systems — Trouble Clearing (PDS Formats)
● ▲254-302-837	5	Growth Procedures (PDS and MML)
□ ▲254-302-840	4	Common Systems — Acceptance Tasks (MML Formats)
● ▲254-302-841	8	Common Systems — Routine Tasks (MML Formats)
● Addendum	4	
254-302-842	1	Common Systems — Trouble Clearing (MML Formats)

Number	Issue	Subject
254-303 AT&T 3B21D Computer — Common Systems		
● 254-303-100	2	3B21D Computers Common System Growth/Retrofit Tasks
● 254-303-101	3	3B21D Computers Common System Routine Task
● 254-303-102	1	3B21D Computers Common System Trouble Clearing
● 254-303-103	1	3B20D and 3B21D Computers RTR Operating System Processor Recovery Message Guide
● 254-303-104	1	3B20D and 3B21D Computers RTR Operating System Recent Change and Verify Manual
● 254-303-105	2	3B20D and 3B21D Computers RTR Operating System Hardware Reference Manual
● 254-303-106	1	3B20D and 3B21D Computers RTR Operating System System Maintenance Manual Volumes 1, 2, and 3
● 254-303-107	1	3B20D and 3B21D Computers RTR Operating System Software Troubleshooting Guide
● 254-303-110	7.2	3B20D and 3B21D Computers RTR Operating System Input Message Manual (PDS)
● 254-303-111	7.2	3B20D and 3B21D Computers RTR Operating System Output Message Manual (PDS)

254-341 3B20D Computer Software Documentation

■ 254-341-000	5	Operating System — Description
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802-213-151	2	(J87399) — DC-to-DC Converter — Semiconductor Type — Regulated +3 Volts or -3 Volt and 8-Ampere Output — +140 and +24 Volt Inputs — 4ESS Switch	802-755-160	4	(J86826) — 413A Plant — 70-Cell Float and Recharge Equipment for Motor-Alternator and Inverter Plants
802-213-153	3	(J87389) — DC-to-DC Converter — Semiconductor Type — Regulated — Numbers 1A, 2B, 3, 4ESS Switch, TSPS and No. 5 ETS — -48 Volt and +24 Volt Inputs — +3V or -3V, 4A DC Output; +3.030V, 5A DC Output; +6V, 3A DC Output; +5V, 4A DC Output; +8.35V or -8.35V, 1.5A DC Output; +3.030V, 8A DC Output; -1V to -13V, 2A DC Output — +24 Volt Input — +3V or -3V, 2A DC Output; +5V, 2.5A DC Output	802-755-166	1	(J86875) — 415A Power Plant — +140 Volt DC Operation — 70-Cell Float and Recharge Equipment
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802-223-150	3	(J87304) — For Voice-Frequency Transmission Systems — DC-to-DC Semiconductor Type — Regulated — 24-Volt, 5-Ampere DC Output — 48-Volt DC Input	802-815-160	1	(J86651) — 526A Power Plant — AC Power Plant With Automatic Transfer From Regular to Reserve Supply — 8.0 KW, 120 Volts, Single-Phase
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Document Title: **4ESSTM** Switch Interdivisional Numerical Index

Document No.: 234-000-005

Issue 34

Date: June 2000

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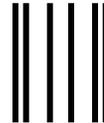
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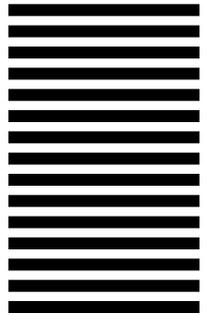
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