



Stored Program Control

1. Purpose

- 1.01** This index provides a listing of documents in Division 254.
- 1.02** This index reverted to Issue 1 in July 1982. 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 000-000-002, *Lucent Technologies Master Index — 9-digit Numbered Documents*. 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 An archived document is one that, in all probability, will never be revised and/or has had no distribution activity for an extended period of time.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" (❶) 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:
- Lucent and commercial customers, call 1-888-LUCENT-8 (582-3688).

5. How to Comment on This Index

- 5.01** We value your opinion. We would like to know how well the index meets your needs. Please send comments on this index to:
- Number Assignment Administrator
2855 N. Franklin Rd.
Indianapolis, IN 46219-1344

Division 254**Stored Program Control****254-0 Index and Equipment Test Lists****-099 Customer Information Releases (CIRs)****254-1 Stored Program Control No. 1A (ETS and TSPS No. 1)****254-2 1A Processor (1A ESS™ and 4ESS™ Switches)****-200 Description, Reference Handbook, and Program Applications****-201 1A Processor (Equipment)****-251 Task Oriented Practices****-280 Software Description****254-3 3A Processor and 3B20D Computers****-300 3A Processor (Common Systems)****-301 3B20D Computer (Model 1)****-302 3B20D Computer (Models 2 and 3)****-303 3B21D Computer****-340 3A Processor Software Documentation****-341 3B20D Computer Software Documentation**

	Number	Issue	Subject
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254-0 Index and Equipment Test Lists

- 254-000-000 97 Numerical Index — Division 254 — Stored Program Control (8-00)
- 254-001-014 7 3B20D Computer - Equipment Test List (6-98)
- 254-001-014AC 2 AT&T 3B20D Model 3 Computer Equipment Test List

254-099 Customer Information Releases (CIRs)

- | | | |
|---------------|---|--|
| 254-099-003MG | 1 | TOP (Task Oriented Practice) Instruction for "Powering Down" the AT&T Computer (Processor) — Switching Systems |
|---------------|---|--|

254-1 Stored Program Control No. 1A (ETS and TSPS No. 1)

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|-------------|---|-------------------------|
| 254-100-101 | 4 | Processor — Description |
|-------------|---|-------------------------|

Number	Issue	Subject
254-101-101	3	Piggyback Twistor Store — Description
254-101-102	2	Piggyback Twistor Memory — Description
254-101-103	2	Semiconductor IGFET Store — Description
Addendum	2	
254-101-301	4	PBT Store Trouble-Locating Procedure
Addendum	3	
254-101-302	2	Semiconductor IGFET Store Analysis and Trouble Locating Procedure
254-101-501	3	PBT Store Circuit — Test Using Store Test Set SD-1C281-01
254-101-801	1	Activation of Store Unit Spare Bit Wire Pairs
254-102-101	2	Central Pulse Distributor — Description
254-103-101	3	Master Scanner — Description
254-104-101	3	Signal Distributor — Description
254-105-101	2	Maintenance Teletypewriter — Description
254-105-301	3	Maintenance Teletypewriter Operating Procedures
■ 254-106-301	7	Central and Display Panel — Method of Operation
254-107-101	3	Program Tape Unit SD-1C108-01 — Description
254-107-102	2	Program Tape Unit SD-1C396-01 — Description
254-107-301	5	Program Tape Unit SD-1C108-01 — Operations
254-107-302	3	Procedures for Analysis of Program Tape Unit SD-1C108-01
254-107-303	2	Program Tape Unit SD-1C396-01 — Operations
■ 254-107-304	2	Procedures for Analysis of Program Tape Unit SD-1C396-01
254-107-501	3	Program Tape Unit SD-1C108-01 — Equipped With KS-19829 Recorder — Test Using Recorder Control Test Set SD-1C277-01
■ 254-108-101	2	Program Organization Description
■ 254-109-101	2	Processor Program Instructions
Addendum	1	
■ 254-110-301	4	Off-Line Operation

Number	Issue	Subject	Number	Issue	Subject
▲Addendum	1		Addendum	3	
▲254-251-010	6	Auxiliary Data System 1A Processor	■ 254-280-213	1	Library Control Program
▲Addendum	3		Addendum	1	
▲254-251-015	5	1A Processor File Store	■ 254-280-214	3	Library Programs
▲254-251-016	3	Attached Processor Interface Frame — 1A Processor	Addendum	1	
▲254-251-020	6	Input/Output Frame — 1A Processor — J5A006A-1	■ 254-280-220	3	Diagnostic Programs
▲▲254-251-021	2	Input/Output Processor Frame — 1A Processor — J5A006C-1	Addendum	3	
▲254-251-022	3	Input/Output Processor Frame — J5A006D-1	■ 254-280-230	1	Diagnostic Results Post-Processing Program
▲254-251-025	4	Power Conversion and Distribution Frame — J5A007B-1	■ 254-280-250	3	Generic Utility Program (GULP) Software Description 1A Processor (3-97)
▲254-251-026	1	Power Conversion and Distribution Frame — 1A Processor — J5A007C	Addendum	3	
▲254-251-100	1	Portable Recovery Test Set — 1A Processor	■ 254-280-260	1	Audit Programs
			■ 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

Addendum	1	
■ 254-280-010	2	Datapool Documents
■ 254-280-020	2	Assembly Language
■ 254-280-030	3	Program Listing
■ 254-280-040	4	Diagnostic Language — DL-1 — Software Description
■ 254-280-102	1	Write Protect Programs
Addendum	3	
■ 254-280-110	1	File Store Administration Program
■ 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
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

254-3 3A Processor and 3B20D Computers

254-300 3A Processor (Common Systems)

254-300-100	1	Description
254-300-110	1	3A Central Control — Description
254-300-120	1	Central Control (3A CC) — Theory of Operation
254-300-130	1	Input/Output Interfaces — Description and Theory of Operation
254-300-140	1	Power System — Description and Theory of Operation
254-300-150	1	Main and Supplemental Stores — Description and Theory of Operation
254-300-160	1	Maintenance Frame — Description and Theory of Operation
254-300-170	1	Tape Data Controller — Description and Theory
254-300-180	2	System Status Panel, System Status Panel Controller, and System Status Panel Relay Unit — Description and Theory of Operation
254-300-190	1	Teletypewriter and Teletypewriter Controller — Description and Theory of Operation
254-300-200	1	Programmed Magnetic Tape System — Description and Theory of Operation

Number	Issue	Subject	Number	Issue	Subject
Addendum	1		254-301-816	3	Common Systems — Growth and Retrofit
254-300-301	1	Maintenance Data	254-301-821	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance
254-301 3B20D Computer (Model 1)					
254-301-005	4	General Description	■ 254-301-821AC	1	CDC 300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance
254-301-010	3	Central Control — Description and Theory of Operation	254-301-822	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance
254-301-020	5	Power Systems — Description and Theory of Operation	■ 254-301-822AC	1	CDS 300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance
254-301-100	4	Input/Output Interfaces — Description and Theory of Operation	254-301-825	1	DMERT Generic 2 to UNIX
254-301-105	2	Input/Output Processor — Description and Theory of Operation	254-302 3B20D Computers (Models 2 and 3)		
254-301-110	5	AT&T 3B20D Model 1 Computer — Input/Output Processor Peripheral Controllers — Description and Theory of Operation of Operation	254-302-005	6	General Description
254-301-115	4	Teletypewriter/Printer System — Description	254-302-010	2	Central Control — Description and Theory of Operation
254-301-200	4	Main Store — Description and Theory of Operation	254-302-020	5	Power Systems — Description and Theory of Operation
254-301-210	3	Moving Head Disk Drive — General Description	254-302-100	3	Input/Output Interfaces — Description and Theory of Operation
254-301-215	4	Disk File Controller — Description and Theory of Operation	Addendum	1	
254-301-220	2	Magnetic Tape System — General Description	■ 254-302-105	1	Input-Output Processor — Description and Theory of Operation
254-301-800	3	Emergency Action Facilities — Description	Addendum	1	
254-301-809	1	Acceptance Test Plan — Description	254-302-110	2	Input/Output Processor Peripheral Controllers — Description and Theory of Operation
254-301-810	2	Test Equipment	254-302-115	5	Teletypewriter/Printer System — Description
▲ Revision 2	10/96		254-302-200	4	Main Store — Description and Theory of Operation
▲ Revision 1	8/95		254-302-210	1	300-Megabyte Moving Head Disk Drives — General Description — Model 2
254-301-811	5	Common Systems — Acceptance and Routine Tasks (DMERT Generic 1 and 2) (UNIX®* RTR System Release 1) (12-93)	Addendum	1	
▲254-301-812	2	Control Unit Trouble Clearing	254-302-211	1	160-Megabyte Disk Drive — General Description — Model 2
254-301-813	1	Peripheral Equipment — Trouble Clearing	254-302-212	2	340-Megabyte Disk Drive — General Description
			254-302-213	3	General Description — Small Computer System Interface Disk Unit Package

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Number	Issue	Subject	Number	Issue	Subject
■ 254-302-215	4	Disk File Controller — Description and Theory of Operation	■▲Revision	12/98	
254-302-216	2	Description and Theory of Operation — Small Computer System Interface — Disk File Controller	■▲254-302-831	8	Task Oriented Practice (TOP)/3B20D Model 2 and Model 3 Computers/Common Systems/Routine Tasks/(PDS Formats) (1-98)
254-302-220	1	Magnetic Tape System — General Description	■▲Revision 4	6/94	
254-302-221	1	Magnetic Tape System KS-23113 — General Description	■▲254-302-832	1	AT&T 3B20D Model 2 and Model 3 Computer — Common Systems — Trouble Clearing — (PDS Formats) (4ESS)
254-302-800	2	Emergency Action Facilities — Description	254-302-837	5	Common Systems — Growth and Retrofit
254-302-809	1	Acceptance Test Plan — Description	▲Addendum	2	
254-302-810	1	Test Equipment — Description	▲254-302-840	4	Common Systems — Acceptance Tasks (MML Formats)
254-302-821	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance — Model 2	■▲Revision	12/98	
■ 254-302-821AC	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance — 3B20D Model 2 Processor	▲ 254-302-841	8	Task Oriented Practice (TOP)/3B20D Model 2 and Model 3 Computers/Common Systems/Routine Tasks/(MML Formats) (1-98)
254-302-822	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance — Model 2	▲Revision 4	6/94	
■ 254-302-822AC	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance — 3B20D Model 2 Processor	▲254-302-842	1	AT&T 3B20D Model 2 and Model 3 Computer — Common Systems — Trouble Clearing (MML Formats) (5ESS)
254-302-823	1	300-Megabyte Moving Head Disk Drive — KS-22707, L1 — Preventive Maintenance — Model 2	254-303 3B21D Computer		
■ 254-302-823AC	1	300-Megabyte Moving Head Disk Drive — KS-22707, L1 — Preventive Maintenance — 3B20D Model 2 Processor	■ 254-303-100	2	3B21D Computers — Common Systems — Growth/Retrofit Tasks (10-98)
254-302-824	1	300-Megabyte Moving Head Disk Drive — KS-22707, L2 — Preventive Maintenance — Model 2	■ Revision 1	3	
■ 254-302-824AC	1	300-Megabyte Moving Head Disk Drive — KS-22707, L2 — Preventive Maintenance — 3B20D Model 2 Processor	■ 254-303-101	2	3B21D Computer Routine Maintenance Tasks (7-97)
254-302-825	1	DMERT Generic 2 to UNIX RTR Release 1 — Retrofit Procedures	●■ 254-303-102	2	3B21D Computer Trouble Clearing Tasks (11-97)
254-302-826	1	Retrofitting UNIX RTR Rel. 1 to Rel. 6.4	■ Revision 2	8/98	
			■ Revision	7/97	
			■ 254-303-103	2	3B20D & 3B21D Computers UNIX RTR Operating System Processor Recovery Messages Guide (10-99) Note: Replaces 303-007
			Revision 1	6/99	
			254-303-104	1	3B20D and 3B21D Computers — UNIX RTR Operating System — Recent Change and Verify Manual (1-98) Note: Replaces 303-010

Number	Issue	Subject	Number	Issue	Subject
Revision 1	2		■ 254-340-052	1	Device Handlers — Description — Extended Operating System
■ 254-303-105	3	3B21D Computer Hardware Reference Manual (1-00)	■ 254-340-054	1	Terminal Administration — Description — Extended Operating System
■ 254-303-106	1	3B20D & 3B21D Computers UNIX RTR Operating System System Maintenance Manual (3 Vols.) (11-97)	■ 254-340-062	1	File System — Description — Extended Operating System Data Base Organization — Description — Extended Operating System
Revision 1	3/99		■ 254-340-080	1	Maintenance Overview — Description — Extended Operating System
■ 254-303-107	1	3B20D & 3B21D Computer UNIX RTR Operating System Software Troubleshooting Guide (10-97)	■ 254-340-082	2	System Utilities — Description — Extended Operating System
■ 254-303-110	7.3	Lucent Technologies 3B20D & 3B21D Computers UNIX RTR Operating System PDS Input Messages (3 Vols.) Note: Replaces 303-080	■ 254-340-084	1	Resident Maintenance — Description — Extended Operating System
■ 254-303-111	7.3	Lucent Technologies 3B20D & 3B21D Computers UNIX RTR Operating System PDS Output Messages (6 Vols.) Note: Replaces 303-081	■ 254-340-086	3	Initialization and Recovery — Extended Operating System
■ 254-303-112	6.3	Lucent Technologies 3B20D & 3B21D Computers UNIX RTR Operating System MML Input Messages (3 Vols.) Note: Replaces 303-082	■ 254-340-088	2	Processor Diagnostics — Extended Operating System
■ 254-303-113	6.3	Lucent Technologies 3B20D & 3B21D Computers UNIX RTR Operating System MML Output Messages (6 Vols.) (12-97) Note: Replaces 303-083	■ 254-340-090	2	Peripheral Diagnostics — Description — Extended Operating System
			■ 254-340-100	1	Introduction to 3A Language
			Addendum	1	
			■ 254-340-102	2	Basic and Extended Instruction Set
			■ 254-340-104	1	Program Listing Organization and Usage — Common Systems Description
			■ 254-340-106	1	Extended Operating System — Macros and Glossary
254-340 3A Processor Software Documentation			254-341 3B20D Computer Software Documentation		
■ 254-340-001	1	Extended Operating System (EOS) — Overview — Description — Extended Operating System Memory Protection and Organization — Description — Extended Operating System	■ 254-341-000	5	Operating System — Description
■ 254-340-030	2	Processor/Process Management — Creation, Event, and Communication Control, Description — Extended Operating System	■ 254-341-100	3	File System — Description
■ 254-340-031	2	Processor/Process Management — Interrupt Handling and Timer Management — Description — Extended Operating System	Addendum	1	
■ 254-340-040	2	Data Administration — Extended Operating System	■ 254-341-105	3	Input/Output Software Structures — Software Subsystem Description
			■ 254-341-110	3	Kernel and Basic Services — Description
			254-341-114	4	Field Operations Tools — Description
			■ 254-341-115	3	Generic Access Package (GRASP) — Description

Number	Issue	Subject
■ 254-341-116	1	Plant Measurement System — Description
Addendum	1	
254-341-120	3	Interface and Integrity Facility — DMERT/UNIX RTR Operating System
254-341-200	6	Maintenance and Fault Recovery — Software Subsystem Description
254-341-210	3	Data Base Management System — Software Subsystem Description
Addendum	1	
■ 254-341-211	1	Low Level Access/Software Demand Paging Systems — Description
■ 254-341-220	3	System Diagnostic — Description
254-341-230	4	Craft Interface — Description
■ 254-341-235	1	Audit Facilities — Description — DMERT Operating System
254-341-236	2	Audit Facilities — Description — UNIX RTR Operating System
■ 254-341-240	2	DMERT Operating System Field Update Facilities — Description
■ 254-341-241	1	UNIX RTR Operating System Field Update Facilities — Description
254-341-245	2	DMERT Operation System Generic Update Facilities — Software Subsystem Description