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.

1.05 Additional copies of this document, appendixes, and referenced documents may be ordered from the Lucent Learning Organization by using this URL, "http://www.cic.lucent.com", or one of the following methods.

a. ***Lucent Technologies Employees:*** Lucent Technologies employees should mail Form IND 1-80.80, available from the Lucent Learning Organization , to the following address:

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   NOTE:
   When ordering documentation from the Lucent Learning Organization, each Lucent Technologies Business Unit/Division must be identified and all required billing information must be provided.

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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 Learning Organization. *Lucent Technologies is 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" (❶) 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:

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

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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
034-3 Perforators, Readers, Cleaning Cabinet, Recorders, Recorder-Reproducers, Tape Reeler, AMA Tape Reel, and Tape Announcing Machine		
❑ 034-311-301	5	Magnetic Tape Management for Stored Program Control, Automatic Message Accounting, and Automatic Message Accounting Recording Center Applications — Description

	Number	Issue	Subject
❑	034-311-301 AC	1	Magnetic Tape Management for Stored Program Control, Automatic Message Accounting, and Automatic Message Accounting Recording Center Application — Description
	034-369-302	1	Recorder KS-20571 — Troubleshooting Procedures for Rectifier KS-20573
	034-369-701	2	Recorder — KS-20571 — Requirements and Adjusting Procedures
	034-369-801	4	KS-20571 Recorder — Piece-Part Data and Replacement Procedures

069-3 Cleaning, Treating, and Reconditioning of Apparatus and Equipment — General

	069-350-801	3	946-/947- and 970-/971-Type Connectors — Cleaning Procedures

103-0 Indexes and Equipment Test Lists

	103-001-011	14	ETL—Transmission Test Equipment

103-2 Digital Access Timeslot Selector (DATS)

	103-245-100	3	J1C140A — Description
	103-245-500	2	J1C140-1 — Maintenance Information

155-001 Equipment Test Lists (ETL)

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	155-001-015	15	Gas Turbine Engine Driven Alternators — Power Systems

155-002/003 Commercial Power Failure — Power Plant Tests and Logs

	155-002-010	1	Log of Operations for Emergency Engine Sets
	155-003-000	2	Section 1 — Power Systems — Engineering and Operational Review — General Instructions and Summary Procedures
	155-003-001	2	Section 2 — Power Systems — Engineering and Operational Review — Power Engineering and Operations Checklist
	155-003-002	2	Section 3 — Power Systems — Engineering and Operational Review — Building Engineering Checklist
	155-003-003	2	Section 4 — Power Systems — Engineering and Operational Review — Power Failure Simulation

155-2 Gas Turbine Alternators

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	157-629-701	3	LINEAGE 2000 Round Cell — KS-20472 Lead Acid Storage Battery — Description, Installation, and Maintenance
	157-629-702	1	KS-20472 Battery Visual Inspection Procedure

167-001 Equipment Test Lists (ETL)

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	167-001-012	9	Power Plants — Power Systems
	167-001-013	16	Power Supplies — Power Systems

167-6/7 Power Plants and Power Supply — Located on Telephone Company Premises

	167-644-301	4	413A (J86826) — Operating Methods

	Number	Issue	Subject
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	167-680-301	1	526A — Operating Methods
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❑	▲167-689-102	2	620A Power Plant — Maintenance
	167-689-103	1	620C (J86925) and 625C (J86926) Power Plant — Description
	▲167-689-104	1	620C/625C Power Plants — Maintenance
	167-690-100	1	625B (J86903) Power Plant — Description
	167-690-101	1	625B (J86903) Power Plant — Theory
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	167-691-101	1	630A (J86900) Power Plant — Theory
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169-7 Rectifiers and Filament Supplies — Located on Telephone Company Premises

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	169-746-302	2	KS-21113, L1 and L2 Rectifiers — ITT — North Electric Company — 140 Volts, 200 Amperes — Operating Methods
	169-746-303	1	KS-21113, L1 and L2 — 140 Volts, 200 Amperes — Acme Electric Company — Operating Methods
	169-746-304	1	KS-21113 Rectifiers — Warrens Communications Company — 140 Volts, 200 Amperes — Operating Methods
	169-746-305	1	KS-21113, Lists 1 and 2 Rectifiers — Acme Electric Company — 140 Volts, 200 Amperes — Trouble Locating

179-3 2400- or 2600-Cycle Single-Frequency Signaling Systems

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	Addendum	1	
	179-361-101	3	Signaling Test Extender for Use With Type F Signaling Units — Description
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❑	190-102-015	3	Analysis of Test Results — CAROT Center and Remote User
❑	Addendum	1	
❑	190-102-100	3	General System Description
❑	Addendum	1	
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❑	Addendum	1	
❑	190-102-202	2	CAROT 2 Controller Administration
❑	Addendum	2	
❑	190-102-203	2	Data Base (Generic 2) — Description and Requirements
❑	Addendum	1	
❑	190-102-204	1	Circuit Order Activity — Implementation and Description
❑	Addendum	1	
❑	190-102-205	1	Text Editor Program
❑	Addendum	1	
❑	190-102-206	2	SELEC Program
❑	▲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

190-110 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
	190-110-310	5	Computer Subsystem and Control Equipment — Hardware Operation and Reconfiguration
	190-110-314	3	Common Equipment — Troubleshooting Procedures
	190-110-321	4	Computer Subsystem and Control Equipment — System Acceptance Tests and Operational Test Procedures
	190-111-110	3	Application With 4ESS Switch — Description

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

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❑	201-525-010AC	1	ISAIC System Description
	201-525-012AC	3	AAP Input/Output Manual
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201-6 Alarm Systems and Order Wires, Miscellaneous Fuse Alarms, Emergency Line and Trunk Transfer Circuits, Alerting Systems, and Telemetry

	201-653-102	4	E2A Telemetry — Switching Control Center System — Description
	201-653-106	1	E2A Telemetry — 4ESS Switch Network Management Central and Remote — Description
	201-653-108	1	E2A Telemetry — 4ESS Switch — Combined Maintenance Operations — Center Description
	201-653-502	5	E2A Telemetry Switching Control Center — Central and Remote Maintenance
	201-653-506	1	E2A Telemetry — 4ESS Switch Network Management Control and Remote Maintenance
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234 4ESS Switch

Number	Issue	Subject

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

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	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)

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254-201 1A Processor (Equipment)

	254-201-000	3	Auxiliary Data System — Description
	254-201-001	2	Auxiliary Data System — Theory
	254-201-002	4	Attached Processor Interface Frame J5A012A-1 — Description
	254-201-003	1	Attached Processor Interface Frame J5A012A-1 — 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
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	254-201-045	3	Input/Output Processor Frame — J5A006D-1 — Theory
	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
	254-201-073	1	Cost Reduced Power Conversion and Distribution Frame — Theory

254-251 1A Processor (Equipment)

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	▲254-251-100	1	Portable Recovery Test Set — 1A Processor

254-280 Software Description

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■	254-280-020	2	Assembly Language 1A Processor
■	254-280-030	3	Program listing 1A Processor
■	254-280-040	4	Diagnostic Language — DL-1 — Software Description
■	254-280-102	1	1A Processor Write Protect Programs
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■	254-280-110	1	File Store Administration Program
■	254-280-111	5	Input/Output Programs
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■	254-280-112	1	Auxiliary Data System Operational Programs
■	254-280-114	1	Attached Processor Interface Programs — 1A Processor
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■	254-280-210	2	Maintenance Control Program
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■	254-280-211	1	Paging Program
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■	254-280-213	1	Library Control Program
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■	254-280-214	3	Library Programs

	Number	Issue	Subject
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■	254-280-220	3	Diagnostic Programs
	Addendum	3	
■	254-280-230	1	Diagnostic Results Post-Processing Program
	Addendum	1	
■	254-280-250	2	Generic Utility Program (GULP)
	Addendum	3	
■	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

254-301 3B20D Computer (Model 1) — Common Systems

❑	254-301-000	2	System Documentation — Description and Organization — 3B20D Model 1
❑	Addendum	1	
	254-301-005	4	General Description
	254-301-010	3	Central Control — Description and Theory of Operation
	254-301-020	5	Power Systems — Description and Theory of Operation
	254-301-100	4	Input/Output Interfaces — Description and Theory of Operation
	254-301-105	2	Input/Output Processor — Description and Theory of Operation
	254-301-110	5	Input/Output Processor Peripheral Controllers — Description and Theory of Operation
	254-301-115	4	Teletypewriter/Printer System — Description
	254-301-200	4	Main Store — Description and Theory of Operation
	254-301-210	3	Moving Head Disk Drive — General Description
	254-301-215	4	Disk File Controller — Description and Theory of Operation
	254-301-220	2	Magnetic Tape System — General Description
	254-301-800	3	Emergency Action Facilities — Description
❑	254-301-809	1	Acceptance Test Plan — Description
	254-301-810	2	Test Equipment
●	Revision	2	
●	Revision	1	
	▲254-301-811	5	Common Systems Routine Tasks
	▲254-301-812	2	Control Unit Trouble Clearing
	▲254-301-813	1	Control Unit Trouble Clearing
	▲254-301-816	3	Common Systems - Growth and Retrofit
	254-301-821	1	300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance
■	254-301-821 AC	1	CDC 300-Megabyte Moving Head Disk Drive — KS-22072, L1 — Preventive Maintenance
	254-301-822	1	300-Megabyte Moving Head Disk Drive — KS-22072, L2 — Preventive Maintenance
■	254-301-822 AC	1	CDC 300-Megabyte Moving Head Disk Drive — KS-22072,L2 — Preventive Maintenance

254-302 AT&T 3B20D Computer (Models 2 and 3) — Common Systems

	254-302-005	6	General Description
	254-302-010	2	Central Control — Description and Theory of Operation
	254-302-020	5	Power Systems — Description and Theory of Operation
	254-302-100	3	Input/Output Interfaces — Description and Theory of Operation
	Addendum	1	
■	254-302-105	1	Input/Output Processor — Description and Theory of Operation
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	254-302-110	2	Input/Output Processor Peripheral Controllers — Description and Theory of Operation
	254-302-115	5	Teletypewriter/Printer System — Description
	254-302-200	4	Main Store — Description and Theory of Operation
	254-302-210	1	300-Megabyte Moving Head Disk Drive — General Description — 3B20D Model 2
	Addendum	1	

Number	Issue	Subject
254-302-211	1	AT&T 3B20D Model 2 — 160-Megabyte Disk Drive — General Description
254-302-212	2	AT&T 3B20D — 340-Megabyte Disk Drive — General Description
■ 254-302-215	2	Disk File Controller — Description and Theory of Operation
254-302-216	2	3B20D SCSI Interface Controller — Description and Theory
254-302-220	1	Magnetic Tape System — General Description
254-302-221	1	Magnetic Tape System KS-23113 — General Description
254-302-800	2	Emergency Action Facilities — Description
254-302-809	1	Acceptance Test Plan — Description
254-302-810	1	Test Equipment — Description
254-302-821	1	300-Megabyte Moving Head Disk Drive — KS-22072,L1 — Preventive Maintenance — 3B20D Model 2
■ 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
▲254-302-831	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)
▲254-302-841	8	Common Systems — Routine Tasks (MML Formats)
Addendum	4	
254-302-842	1	Common Systems — Trouble Clearing (MML Formats)

254-303 AT&T 3B21D Computer — Common Systems

●	254-303-100	2	3B21D Computers Common System Growth/Retrofit Tasks
●	Revision	1	
	254-303-101	3	3B21D Computers Common System Routine Task
●	254-303-102	2	3B21D Computers Common System Trouble Clearing
●	254-303-103	2	3B20D and 3B21D Computers RTR Operating System Processor Recovery Message Guide
●	Revision	1	
	254-303-104	1	3B20D and 3B21D Computers RTR Operating System Recent Change and Verify Manual
●	254-303-105	3	3B20D and 3B21D Computers RTR Operating System Hardware Reference Manual
●	Revision	1	
	254-303-106	1	3B20D and 3B21D Computers RTR Operating System System Maintenance Manual Volumes 1, 2, and 3
●	Revision	1	
	254-303-107	1	3B20D and 3B21D Computers RTR Operating System Software Troubleshooting Guide
●	254-303-110	8	3B20D and 3B21D Computers RTR Operating System Input Message Manual (PDS)
●	254-303-111	8	3B20D and 3B21D Computers RTR Operating System Output Message Manual (PDS)

254-341 3B20D Computer Software Documentation

	Number	Issue	Subject
■	254-341-000	5	Operating System — Description Duplex Multi-Environment Real-Time Operating System — Glossary and System Calls — 3B Processor
■	254-341-100	3	File System — Description
●	Addendum	1	
	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 Operation Tools — Description
■	254-341-115	3	Generic Access Package (GRASP) — Description
■	254-341-116	1	Plant Measurement System — Description
●	Addendum	1	
■	254-341-120	3	Interface and Integrity Facility — DMERT/UNIX® RTR Operating
	Addendum	1	
■	254-341-200	6	Maintenance and Fault Recovery — Description
■	254-341-210	3	Data Base Management System — 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	Operating System Generic Update Facilities — Description

256-04 Shared CCSS Equipment

	256-040-101	1	Terminal Group — Description — Common Channel Interoffice Signaling
	256-040-103	1	CCIS Data Set Frame SD-94874-01 — Description — Common Channel Interoffice Signaling
	256-040-501	1	Terminal Group — Maintenance — Common Channel Interoffice Signaling
	256-040-504	1	Data Set Frame SD-94874-01 — Maintenance — Common Channel Interoffice Signaling
	256-040-515	3	Analog Signaling Links — Performance Tests Between 2 STP and 4ESS.
	256-041-100	6	Network Services Complex J4A017 — Description — Common Channel Signaling Systems
■	256-041-110	1	Network Services Complex — Software Description
●	Addendum	1	
	256-041-300	2	Network Services Complex — Growth
●	Addendum	1	
▲	256-041-500	6	Network Services Complex — Common Channel Interoffice Signaling

312-8 Data Equipment

312-811 Data Set 201D-Type

	Addendum	1	
	312-811-100	2	Description

332-0 Indexes, Equipment Test Lists, and General Information

	332-001-011	4	Equipment Test List

332-4 Pilot Wire Regulators, Echo Suppressors, Toll Conference Grouping Circuits and Auxiliary Equipment

	332-414-100	2	4A Echo Suppressor — Description
	332-414-101	1	4A Echo Canceler Logic Unit (J68914AE-1)
	332-414-105	1	4A Echo Suppressor — J68914TA Test Extender — Description

Number	Issue	Subject
332-414-200	1	4A Echo Suppressor — Installation Tests
332-414-500	1	4A Echo Suppressor — Trouble Location
332-414-501	1	4A Echo Canceler Logic Unit (J68914AE-1) — Tests

333-0 Equipment Test Lists

333-001-011	1	Overall Switching Arrangements and Testing

333-2 Common Channel Interoffice Signaling Systems (CCIS)

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