4ESS™ Switch
Recommended Documentation
for New Offices

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1. Introduction

Purpose

1.01   This document contains composite lists of the documents that are recommended for respective new 4ESS™ Switch offices.

1.02   This document is reissued to include the 3B21D Processor and Expanded Time Slot Interchange (XTSI) documents, and to revise the list for other new and discontinued documents.

1.03   The lists include the minimum requirements for documentation that should be present in a basic 4ESS Switch office configuration.

1.04   The lists of documents are primarily applicable to customers who are ordering a new 4ESS Switch. However, this list can also be used as an inventory tool to determine if existing offices meet the basic documentation requirements.

Organization

1.05   Within this document, the recommended documents have been subdivided into lists (tables) that relate to customer-type and operational environment (that is, AT&T and non-AT&T customers, office configuration, and others).

1.06   The lists of documents in this document are divided into the following tables:

- Table A - New 4ESS Switch Office Recommended Documentation List — AT&T Customers

- Table B - New 4ESS Switch Office Recommended Documentation List — Non-AT&T Customers

- Table C - Supplemental Documentation List (if applicable documents).

2. 4ESS™ Switch Recommended Documentation Lists

Recommended Documentation List — AT&T Customers — Table A

2.01   Table A is a basic list of documents that are recommended to be available in each AT&T operated 4ESS Switch office.

Recommended Documentation List — Non-AT&T Customers — Table B

2.02 Table B is a basic list of documents that are recommended to be available in new 4ESS Switch offices that are operated by non-AT&T customers; that is, Local Exchange Carriers, international/governmental customers, and others.

Supplemental Documentation List — Table C

2.03 Supplemental Documentation List items are contained in Table C. These documents may apply to the new 4ESS Switch office of the AT&T and the non-AT&T Customers.

2.04 The customer with a new 4ESS Switch office must decide whether to order any of the supplemental documents. These documents should be ordered based upon the new office equipment configuration and service environment.

Ordering Codes

2.05 All of the documents listed in Tables A and B can be ordered using one ordering code or they can be ordered individually. The need for any or all of these documents is dependent upon the engineered configuration of the new office.

2.06 To order documents, use the following as a guide:

Table	To Order	Order Code
A	All Documents	234-000-015A
B	All Documents	234-000-015N
C	Individual Documents	Order these documents by individual Practice Number(s)

3. Ordering Options

Recommendation

3.01 The customer must determine the need for the documents listed in this document. For the initial complement of documentation, it is recommended that the entire list of documents for either the AT&T customer (Table A) or the non-AT&T customer (Table B) should be ordered along with any of the necessary Supplemental Documents (Table C). See Note.

⇒ **NOTE:**
Lucent documents having a 9-digit number with the suffix "AC" (that is, 234-103-020AC) can only be ordered by AT&T entities.

3.02 The customer must also decide whether these recommended documents are to be a one-time-only order or a standing order.

One-Time-Only Orders

3.03 One-time-only orders can be placed by the customer for any documentation. Any updates to the document(s), after the initial order, are not automatically provided.

3.04 A one-time-only order may be desirable when a document(s) is to be used for information on equipment or functions that the customer does not intend to change or if a document is to be used for one-time planning or engineering purposes only.

Standing Orders

3.05 Customers may also order documents for standing-order distribution. In this case, the Customer Information Center automatically ships the updated document and bills the customer per standing-order for as long as the customer maintains the standing-order status.

4. Document Ordering Procedures

Ordering Via Documentation Coordinators

4.01 The documentation for the 4ESS Switch can be ordered from the Lucent Customer Information Center in Indianapolis, Indiana. Some customers/companies may allow direct orders to be made to the Customer Information Center; however, the majority do not.

Direct Ordering

4.02 Customers and AT&T entities who can order 4ESS Switch documentation directly from the Customer Information Center must have the proper billing information.

4.03 Order documents from the Lucent Technologies Customer Information Center 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 Technologies Customer Information Center, to the following address:

Lucent Technologies Customer Information Center
Attention: Order Entry Department
2855 N. Franklin Road
P. O. Box 19901
Indianapolis, Indiana 46219-1999

or

Call: 1-888-LUCENT-8 or
FAX: Toll 1-800-566-9568

> **NOTE:**
> When ordering documentation from the Lucent Technologies Customer Information Center, each Lucent Technologies Business Unit/Division must be identified and all required billing information must be provided.

b. **AT&T** must submit orders by calling 1-800-432-6600 or fax orders to 1-800-566-9568.

c. **Local Exchange Carrier (LEC)** orders should be processed through your Technical Information Resource Management (TIRM) coordinator. If you are unsure of the identity of your coordinator, call 1-888-LUCENT-8.

d. **Federal Government** orders must be faxed to the Lucent Technologies Center using the following number:

Call: 1-800-566-9568

e. **All Others:** Call 1-888-LUCENT-8.

Back Orders

4.04 If an order is received for a document that is not available at the time the order is placed, the order is placed on back order. When the document becomes available for distribution, the Customer Information Center completes all back-ordered orders for the document.

5. Customer Feedback

Comment

5.01   It is our intention to maintain the quality and usability of this document. Customers are encouraged to use the attached comment form to this document to highlight any changes or additions that are needed to this document.

5.02   Please complete and mail or fax (1-336-727-3043) the Feedback Form provided in this document or call the Lucent Technologies Documentation Comment Hot-Line Service, 1-800-334-0404.

5.03   Please provide sufficient information to identify the document along with the complete address, telephone number, and any other information needed to contact the commentator. All comments receive a response within 30 days.

Documentation Hot Line

5.04   The Documentation Hot Line is also available if there is a need for additional information or an immediate response to a comment concerning subject matter of a particular document. The Hot Line is not intended to eliminate the use of comment forms. The Hot Line is meant to enhance the comment process especially where there is an immediate need for assistance.

5.05   The Hot Line number listed below is available weekdays from 8:00 a.m. to 4:30 p.m. (EST). An answering machine is available to record all messages at other times. Messages recorded during off hours are normally responded to the next day of business.

Hot Line: 1-800 334-0404

Table A. New *4ESS* Switch Office Recommended Documentation List — AT&T Customers

> **NOTE:**
> Lucent Technologies documents having a 9-digit number with the suffix "AC" (for example,
> 234-103-020AC) can only be ordered by AT&T entities.

✓	Document	Title
☐	000-000-002	AT&T Master Index — 9-Digit Numbered Documents — Alphabetical and Numerical Listings
☐	000-130-100	Order Information
☐	032-173-301	Testing, Replacing, Handling, Storing, and Shipping Circuit Packs and Semiconductor Devices
☐	034-311-301AC	Magnetic Tape Management for Stored Program Control, Automatic Message Accounting, and Automatic Message Accounting Recording Center Applications — Description
☐	069-350-801	946-/947- and 970-/971-Type Connectors — Cleaning Procedures
☐	201-224-101	J86334B, J86334C, and J86334D — DC Power Distributing Frames — Description and Operation
☐	201-525-016AC	4ESS™ Switch System Switching Administration Announcement Processor Maintenance, Diagnostics, and Trouble Clearing
☐	234-000-000	Numerical Index — Division 234 — 4ESS™ Switch
☐	234-000-010	Generic Retrofit Index
☐	234-010-120	Digital Synchronization — Reference Guide
☐	234-010-131	4ESS Switch APS Input Reference Guide
☐	234-010-132	4ESS Switch 1B Processor Input Reference Guide
☐	234-010-200	Circuit Pack Compatibility Guide
☐	234-010-210	Audit System Application — Description
☐	234-010-215	Trouble Locating Procedure — Description
☐	234-010-315	4ESS Switch Domestic Call-Irregularity Maintenance Reference Handbook
☐	234-020-007	Domestic NSPMP Reference Guide
☐	234-100-000	4ESS Switch General Description
☐	234-100-021	Input/Output System — Description
☐	234-100-040	Office Alarm System — Description and Theory
☐	234-100-060	Power Distribution System — Description

Table A. New *4ESS* Switch Office Recommended Documentation List — AT&T Customers (Contd)

✓	Document	Title
☐	234-100-120AC	Common Channel Signaling System — Common Network Interface (CNI) — System Description Manual
☐	234-100-130AC	Service Circuit System — Description
☐	234-100-210AC	Service Circuit System/4ESS Switch Application
☐	234-113-020	D4 Channel Bank — Application
☐	234-121-105	RMS-D2 — User Manual
☐	234-151-011	Time Multiplexed Switching Frame*
☐	234-151-012	Switching Network — Time Slot Interchange Frame*
☐	234-351-013	Network Clock Frame (Network Clock and System Clock) — Switching Network*
☐	234-351-015	Peripheral Unit Bus System*
☐	234-151-031	Signal Processor 1 (SP1)*
☐	234-151-032	Signal Processor 2 (SP2)
☐	234-151-043	Service Circuits and Trunk Test Facilities — Miscellaneous Frames A, B, and C*
☐	234-151-048	Terminal Interface Equipment — D4 Channel Bank*
☐	234-151-055	Digital Interface — Terminal Interface Equipment*
☐	234-151-077AC	Service Circuit System — Maintenance*
☐	234-151-120	Common Network Interface*
☐	234-153-011AC	Alternate Signaling Transport Network (ASTN) Growth*
☐	234-153-020	Signal Processor 1 and Signal Processor 2 — Growth/Degrowth*
☐	234-153-055AC	Common Network Interface — Growth/Degrowth*
☐	234-153-060AC	Service Circuit System — Growth/Additions*
☐	234-200-400	Attached Processor System (APS) Maintenance Reference Handbook
☐	234-301-001	1B Processor Description
☐	234-301-002	1B Processor Diagnostic Program Application Description
☐	234-301-003	1B Processor Generic Utility Program Application Description
☐	234-301-004	1B Processor Master Control Complex (MCC) Description

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Table A. New *4ESS* Switch Office Recommended Documentation List — AT&T Customers (Contd)

✓	Document	Title
☐	234-301-005	Attached Processor Interface (API) Frame Description
☐	234-310-001	Utility System User's Guide
☐	234-310-034AC	Expanded Time-Slot Interchange — General Description
☐	234-310-205	Program Address Interpretation Guide
☐	234-310-241	Maintenance Reference Handbook (Generic: 4E24)
☐	234-351-002	1B Processor Machine Operations Center (MOC)*
☐	234-351-003AC	1B Processor Output Message Analysis (Audits, Interjects, and Interrupts)*
☐	234-351-004	1B Processor Cabinet Trouble Clearing*
☐	234-351-011	4ESS™ Switch with 1B Processor Expanded Time Slot Interchange (XTSI) Trouble Clearing Procedures
☐	234-351-016	Attached Processor Interface Frame 1B Trouble Clearing*
☐	234-351-022	J5A006D-1 I/O Processor Frame 1B Trouble Clearing*
☐	234-351-036	4ESS Switch Model 3500-535 Ring, Tone & Interrupt Plant Trouble Clearing*
☐	234-351-120AC	Common Network Interface—Trouble Clearing*
☐	234-353-010	1B Processor Growth/Degrowth*
☐	234-353-030	1B Growth/Degrowth — DIF, VIF, DT, EST, and CCIS TGR*
☐	234-353-035AC	XTSI Growth/Degrowth*
☐	234-353-040	1B TMS and TSI — Growth/Degrowth*
☐	234-353-045	1B Processor Peripheral Unit Bus System Growth/Degrowth*
☐	234-353-050	NM, MF, ROTL, Alarms, ABC, Power Plants, CCT, 51A TPOS and RMS-D2 - Growth/Degrowth*
☐	234-353-425	Attached Processor System Growth/Degrowth*
☐	234-355-001	Final Verification Tests Acceptance*
☐	234-355-005	Operational Readiness Tests Acceptance*
☐	234-355-010	Maintenance Function Verification Acceptance*
☐	234-380-020	Assembly Language Software Description - 1B
☐	234-380-030	Program Listing Software Description - 1B

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Table A. New *4ESS* Switch Office Recommended Documentation List — AT&T Customers (Contd)

✓	Document	Title
☐	234-380-230	Diagnostic Results Post-Processing Software Description - 1B
☐	234-381-000	Growth & Degrowth General Description
☐	234-381-001	System Performance Prerequisites
☐	234-382-001	Final Verification Tests-Acceptance — Description
☐	234-382-005	Operational Readiness Tests Acceptance - Description
☐	234-382-010	Maintenance Function Verification Acceptance - Description
☐	254-000-000	Numerical Index — Division 254 — Stored Program Control
☐	254-303-100	3B21D Computers Common System Growth/Retrofit Tasks
☐	254-303-101	3B21D Computers Common System Routine Task
☐	254-303-102	3B21D Computers Common System Trouble Clearing
☐	254-303-103	3B20D and 3B21D Computers RTR Operating System Processor Recovery Message Guide
☐	254-303-104	3B20D and 3B21D Computers RTR Operating System Recent Change and Verify Manual
☐	254-303-105	3B20D and 3B21D Computers RTR Operating System Hardware Reference Manual
☐	254-303-106	3B20D and 3B21D Computers RTR Operating System System Maintenance Manual Volumes 1, 2, and 3
☐	254-303-107	3B20D and 3B21D Computers RTR Operating System Software Troubleshooting Guide
☐	254-303-110	3B20D and 3B21D Computers RTR Operating System Input Message Manual (PDS)
☐	254-303-111	3B20D and 3B21D Computers RTR Operating System Output Message Manual (PDS)
☐	254-303-112	3B20D and 3B21D Computers RTR Operating System Input Message Manual (MML)
☐	254-303-113	3B20D and 3B21D Computers RTR Operating System Output Message Manual (MML)

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Table A. New *4ESS* Switch Office Recommended Documentation List — AT&T Customers (Contd)

✓	Document	Title
☐	256-000-000	Numerical Index — Division 256 — Common Channel Signaling System (CCSS)
☐	256-041-500	NSCX/SCS — Corrective and Routine Maintenance

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Table B. New *4ESS* Switch Office Recommended Documentation List — Non-AT&T Customers

✓	Document	Title
☐	000-000-002	Master Index — 9-Digit Numbered Documents — Alphabetical and Numerical Listings
☐	000-130-100	Order Information
☐	032-173-301	Testing, Replacing, Handling, Storing, and Shipping Circuit Packs and Semiconductor Devices
☐	034-311-301	Magnetic Tape Management for Stored Program Control, Automatic Message Accounting, and Automatic Message Accounting Recording Center Applications — Description
☐	069-350-801	946-/947- and 970-/971-Type Connectors — Cleaning Procedures
☐	201-224-101	J86334B, J86334C, and J86334D — DC Power Distributing Frames — Description and Operation
☐	201-519-010	Announcement System Manager's User's Guide
☐	234-000-000	Numerical Index — Division 234 — 4ESS Switch
☐	234-010-120	Digital Synchronization Reference Guide
☐	234-010-131	4ESS/APS Switch Input Reference Guide
☐	234-010-132	4ESS Switch 1B Processor Input Reference Guide
☐	234-010-200	Circuit Pack Compatibility Guide
☐	234-010-210	Audit System Application — Description
☐	234-010-215	Trouble Locating Procedure — Description
☐	234-010-315	4ESS Switch Domestic Call-Irregularity Maintenance Reference Handbook
☐	234-020-007	Domestic NSPMP Reference Guide
☐	234-090-500	LEC Feature Handbook
☐	234-100-000	4ESS Switch General Description
☐	234-100-021	Input/Output System — Description
☐	234-100-040	Office Alarm System — Description and Theory
☐	234-100-060	Power Distribution System — Description
☐	234-100-120	Common Channel Signaling System — Common Network Interface (CNI) — System Description Manual
☐	234-100-130	Service Circuit System — Description
☐	234-100-201	AT&T 3B20D Model 2 and Model 3 Computer — Attached Processor System — Application

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Table B. New *4ESS* Switch Office Recommended Documentation List — Non-AT&T Customers (Contd)

✓	Document	Title
☐	234-100-210	Service Circuit System/4ESS Switch Application
☐	234-101-015	Network Management Operating Guide
☐	234-151-011	Time Multiplexed Switching Frame*
☐	234-151-012	Switching Network — Time Slot Interchange Frame*
☐	234-151-013	Network Clock Frame (Network Clock and System Clock) — Switching Network*
☐	234-151-015	Peripheral Unit Bus System*
☐	234-151-031	Signal Processor (SP) Frame 1*
☐	234-151-043	Service Circuits and Trunk Test Facilities — Miscellaneous Frames A, B, and C*
☐	234-151-048	Terminal Interface Equipment — D4 Channel Bank*
☐	234-151-055	Digital Interface — Terminal Interface Equipment*
☐	234-151-077	Service Circuit System — Maintenance*
☐	234-151-120	Common Network Interface*
☐	234-153-020	Signal Processor 1 and Signal Processor 2 — Growth/Degrowth*
☐	234-153-055	Common Network Interface*
☐	234-153-060	Service Circuit System — Growth/Additions*
☐	234-160-024	Generic Retrofit and Office Data Assembly (ODA) Updates
☐	234-185-024	1B Processor Retrofit and ODA Update — Planning/Scheduling Guide
☐	234-200-400	Attached Processor System (APS) Maintenance Reference Handbook
☐	234-301-001	1B Processor Description
☐	234-301-002	1B Diagnostic Program Application Description
☐	234-301-003	1B Generic Utility Program Application Description
☐	234-301-004	1B MCC Description
☐	234-301-005	Attached Processor Interface (API) Frame Description
☐	234-310-001	Utility System User's Guide
☐	234-310-205	Program Address Interpretation Guide

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Table B. New *4ESS* Switch Office Recommended Documentation List — Non-AT&T Customers (Contd)

✓	Document	Title
☐	234-310-241	Maintenance Reference Handbook (Generic: 4E24)
☐	234-351-002	1B Processor Machine Operations Center (MOC)[*]
☐	234-351-003	1B Processor Output Message Analysis (Audits, Interjects, and Interrupts)[*]
☐	234-351-004	1B Processor Cabinet Trouble Clearing[*]
☐	234-351-016	Attached Processor Interface Frame 1B Trouble Clearing[*]
☐	234-351-022	J5A006D-1 I/O Processor Frame 1B Trouble Clearing[*]
☐	234-351-120	Common Network Interface—Trouble Clearing[*]
☐	234-353-010	1B Processor Growth/Degrowth[*]
☐	234-353-030	1B Growth/Degrowth — DIF, VIF, DT, EST, and CCIS TGR[*]
☐	234-353-035	XTSI Growth/Degrowth
☐	234-353-040	TMS and TSI — Growth/Degrowth[*]
☐	234-353-045	1B Processor Peripheral Unit Bus System Growth/Degrowth[*]
☐	234-353-050	NM, MF, ROTL, Alarms, ABC, Power Plants, CCT, 51A TPOS and RMS-D2-Growth/Degrowth[*]
☐	234-353-425	Attached Processor System Growth/Degrowth[*]
☐	234-355-001	Final Verification Tests Acceptance[*]
☐	234-355-005	Operational Readiness Tests Acceptance[*]
☐	234-355-010	Maintenance Function Verification Acceptance[*]
☐	234-380-020	Assembly Language Software Description
☐	234-380-030	Program Listing Software Description
☐	234-380-230	Diagnostic Results Post-Processing Software Description
☐	234-381-000	Growth & Degrowth General Description
☐	234-381-001	System Performance Prerequisites
☐	234-382-001	Final Verification Tests-Acceptance — Description
☐	234-382-005	Operational Readiness Tests Acceptance — Description
☐	234-382-010	Maintenance Function Verification Acceptance — Description

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Table B. New *4ESS* Switch Office Recommended Documentation List — Non-AT&T Customers (Contd)

✓	Document	Title
☐	254-000-000	Numerical Index — Division 254 — Stored Program Control
☐	254-303-100	3B21D Computers Common System Growth/Retrofit Tasks
☐	254-303-101	3B21D Computers Common System Routine Task
☐	254-303-102	3B21D Computers Common System Trouble Clearing
☐	254-303-103	3B20D and 3B21D Computers RTR Operating System Processor Recovery Message Guide
☐	254-303-104	3B20D and 3B21D Computers RTR Operating System Recent Change and Verify Manual
☐	254-303-105	3B20D and 3B21D Computers RTR Operating System Hardware Reference Manual
☐	254-303-106	3B20D and 3B21D Computers RTR Operating System System Maintenance Manual Volumes 1, 2, and 3
☐	254-303-107	3B20D and 3B21D Computers RTR Operating System Software Troubleshooting Guide
☐	254-303-110	3B20D and 3B21D Computers RTR Operating System Input Message Manual (PDS)
☐	254-303-111	3B20D and 3B21D Computers RTR Operating System Output Message Manual (PDS)
☐	254-303-112	3B20D and 3B21D Computers RTR Operating System Input Message Manual (MML)
☐	254-303-113	3B20D and 3B21D Computers RTR Operating System Output Message Manual (MML)
☐	256-000-000	Numerical Index — Division 256 — Common Channel Signaling System (CCSS)
☐	256-041-500	NSCX/SCS Corrective and Routine Maintenance

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Table C. Supplemental Documentation List (if applicable)

⇒ **NOTE:**
  AT&T Practices having a 9-digit number with the suffix "AC" (for example, 234-103-020AC) can only be ordered by AT&T entities.

✓	Document	Title
☐	155-001-011	Alternators, AC or DC Motor Driven — Power Systems Equipment
☐	155-001-015	Gas Turbine Engine Driven Alternators — Power Systems
☐	155-003-000	Commercial Power Fail - Section 1 — General Instructions and Summary Procedures
☐	155-003-001	Commercial Power Fail - Section 2 — Power Engineering and Operations Checklist
☐	155-003-002	Commercial Power Fail - Section 3 — Building Engineering Checklist
☐	155-003-003	Commercial Power Fail - Section 4 — Power Failure Simulation
☐	155-002-010	Log of Operations
☐	155-207-301	KS-20460 Gas Turbine - List 1 Through 8 — Operating Methods
☐	155-207-701	KS-20460 Gas Turbine - List 2 and Lists 4 Through 8 — Requirements and Adjusting Procedures
☐	157-601-101	Storage Batteries - Lead-Acid Type — Theory and Definitions
☐	157-629-701	LINEAGE® 2000 Round Cell — KS-20472 Lead-Acid Storage Battery — Description, Installation, and Maintenance
☐	167-001-012	Equipment Test List - Power Plants
☐	167-001-013	Equipment Test List - Power Supplies
☐	167-792-121	Lucent Technologies Operations, Maintenance, Installation, and Testing Requirements for the 415B Battery Plant (New and Retrofit 4ESS Applications)
☐	167-689-103	DC Power Plant - 620C (J86925) and 625C (J86926) — Description
☐	167-689-104	DC Power Plant - 620C/625C — Maintenance
☐	167-728-100	Power Plant - 820A (J87822) — Ringing, Tone, and Interrupter Plant — Description

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Table C. Supplemental Documentation List (if applicable) (Contd)

✓	Document	Title
☐	167-728-101	Power Plant - 820A (J87822) — Ringing, Tone, and Interrupter Plant — Theory
☐	167-728-102	Power Plant - 820A Ringing, Tone, and Interrupter Plant — Maintenance
☐	167-790-100	L2000 Microprocessor Controlled Battery Plant*
☐	167-790-101	L2000 Microprocessor Controlled Plant — Controller Description
☐	167-790-102	L2000 Microprocessor Controlled Plant — Description
☐	167-790-103	L2000 Microprocessor Controlled Plant — Maintenance
☐	167-790-105	L2000 Conventionally Controlled Plant — Maintenance
☐	167-790-107	L2000 Expandable Controlled Plant — Controller
☐	167-790-120	J86334B, J86334C, J86334D DC Power Distribution Frames (Used in Conjunction With L2000 Battery Plants) — Description and Operation
☐	169-746-304	Rectifier - KS-21113 — Warren Communications Company — 140 Volts, 200 Amperes — Operating Methods
☐	169-790-103	LINEAGE® 2000 Microprocessor Controlled System Battery Plant — Description
☐	169-790-104	LINEAGE 2000 Rectifiers — (J87434A, J87435A, J87436A, J87437A, J87438A, and J87439A)
☐	169-790-106	LINEAGE 2000 Rectifiers — (J85502A, J85502B, J85502C, J85503A, J85503B, and J85503C)
☐	169-790-108	LINEAGE 2000 — J85603C Rectifier
☐	201-525-010AC	ISAIC System Description
☐	201-525-012AC	Announcement Administration Process (AAP) I/O Manual
☐	201-525-014AC	Announcement Administration Process (AAP) Operations
☐	201-525-016AC	Announcement Administration Process (AAP) Trouble Clearing
☐	201-525-018AC	Announcement Administration Process (AAP) Growth and Additions — Field Site
☐	201-525-020AC	Announcement Administration Process (AAP) Growth and Additions — Central Site

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Table C. Supplemental Documentation List (if applicable) (Contd)

✓	Document	Title
☐	234-010-315	4ESS Switch Domestic Call-Irregularity Maintenance Reference Handbook
☐	234-010-316	4ESS Switch International Call-Irregularity Maintenance Reference Handbook
☐	234-090-xxyAC	Product Release Document — NSD, 4Exx, Ry (xx = Generic Release, and y = Quarterly Release, For example, 234-090-201AC = 4E20, Release 1)
☐	234-100-205	Network Services Complex — Application
☐	234-104-000	TEC System Interface Devices
☐	234-104-010	TEC CMS 1C — Description
☐	234-108-000	System Interface Devices — CMS 1B Maintenance Center (CMSMC)
☐	234-108-002	CMS 1C — Circuit Order Interfaces Specification
☐	234-108-002AC	CMS 1C — Circuit Order Interfaces Specification Manual
☐	234-108-010	1C Displays — Description — CMSMC
☐	234-108-030	1B — General Description
☐	234-108-031	1B — CMSMC — Operating Philosophies
☐	234-108-040	CMSMC — General Description — 1C
☐	234-108-041	CMSMC — Operating Philosophies — 1C
☐	234-108-042	CMS — System Interfaces Devices — Description — 1C
☐	234-108-043	CMS Office Forms and Labels — Description
☐	234-108-044	CMS Multiple Input Command (MIC) Program — 1C
☐	234-108-045	CMS Transaction Activity Measurement Program — 1B/C
☐	234-108-046	CMS Generalized Report Generator (GRG) Program — Description — 1C
☐	234-108-047	CMS Interfacing 4ESS Switch Data Base With CMS 1C — Procedures
☐	234-108-100AC	CMS Description, Administration, and Operation Philosophy
☐	234-108-102AC	CMS Programming Package — MIC and GRG
☐	234-108-105	CMS 1C Displays — Description — Frame Provisioning — Toll Terminal Equipment
☐	234-108-110	CMS 1C Displays — Description — Facility Order Processing — Toll Terminal Equipment

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Table C. Supplemental Documentation List (if applicable) (Contd)

✓	Document	Title
☐	234-108-111	CMS 1C — Facility Order Interface Specifications — Toll Terminal Equipment
☐	234-110-002	683ABMS1-58 and 2683ABMS1-58 Telephone Sets — Description and Service
☐	234-110-010	Peripheral Unit Bus System — Description
☐	234-110-011	Peripheral Unit Bus System — Theory
☐	234-110-020	Network Clock Frame (Network Clock and System Clock) — Description
☐	234-110-032	Time Slot Interchange Frame — J4A001B-1 — Description
☐	234-110-033	Time Slot Interchange Frame — J4A001B-1 — Theory
☐	234-110-042	Time Multiplexed Switching Frame J4A002B-1 — Description
☐	234-110-043	Time Multiplexed Switching Frame J4A002B-1 — Theory
☐	234-110-050	Signal Processor 1 — Description
☐	234-110-051	Signal Processor 1 — Theory
☐	234-110-052	Signal Processor 1 — With Combined Distributor and Scanner Matrix Frame — Description
☐	234-110-053	Signal Processor 1 — With Combined Distributor and Scanner Matrix Frame — Theory
☐	234-110-060	Signal Processor 2 — J4A008A-1 — Description
☐	234-110-061	Signal Processor 2 — J4A008A-1 — Theory
☐	234-110-094	Operational and Transmission Test Lines — Description
☐	234-110-104	Common Channel Interoffice Signaling Continuity Check Transceiver Unit — J4A010AC-1 — Description and Theory
☐	234-110-105	Common Channel Interoffice Signaling Continuity Check Transceiver and Loop-Around Test Unit — J4A010AE-1 — Description and Theory

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Table C. Supplemental Documentation List (if applicable) (Contd)

✓	Document	Title
☐	234-110-130	Miscellaneous Frames A, B, and C — Description and Theory
☐	234-110-140	Miscellaneous Trunk Test and Support Equipment — Description
☐	234-110-154	Input/Output Processor Frame — J5A006D-1 — Description and Theory
☐	234-112-015	DIF-E1 (Digital Interface) Frame — (J5X059B-2) — Description
☐	234-113-020	D4 Channel Bank — Application
☐	234-121-105	RMS-D2 — User Manual
☐	234-121-111	RMS-G1 — User Manual
☐	234-151-041	Service Circuits and Trunk Test Facilities — Multifrequency Signaling Frame[*]
☐	234-154-002	Circuit Maintenance System 1B — Generic 4[*]
☐	234-154-003	Circuit Maintenance System 1C — Generic 10[*]
☐	234-160-024	4E23 to 4E24 Generic Retrofit and Office Data Assembly (ODA) Update
☐	234-160-317	4AP<16> to 4AP<17> Retrofit—3B20D APS Only
☐	234-160-417	4AP<16> to 4AP<17> Retrofit—3B21D APS Only
☐	234-185-024	Generic Retrofit and ODA Update Planning and Scheduling Guide—4E24 Generic
☐	254-200-215	1A Processor - Error Analysis Program and Error Analysis Library Program Applications — Description
☐	254-201-002	Attached Processor Interface Frame J5A012A-1 — Description
☐	254-201-003	Attached Processor Interface Frame J5A012A-1 — Theory
☐	254-201-042	Input/Output Processor Frame — Description
☐	254-201-043	Input/Output Processor Frame — Theory

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Table C. Supplemental Documentation List (if applicable) (Contd)

✓	Document	Title
☐	254-201-044	Input/Output Processor Frame J5A006D-1 — Description
☐	254-201-045	Input/Output Processor Frame J5A006D-1 — Theory
☐	256-040-302	Signaling Links — Growth and Degrowth
☐	256-090-136	CNI Message Trap Job Aid
☐	365-170-000	D4 Channel Bank Maintenance Tasks
☐	365-170-100	D4 Channel Bank Description

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How Are We Doing?

Document Title: **4ESS**™ Switch Recommended Documentation for New Offices

Document No.: 234-000-015   Issue 4   Date: July 1999

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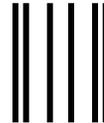
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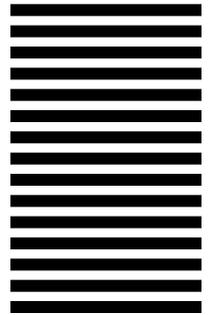When you have completed this form, please fold, tape, and return to address on back
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