

NUMERICAL INDEX — DIVISION 212
NO. 4A AND 4M TOLL SWITCHING SYSTEMS

1. GENERAL

- 1.01** This section provides an index of System-issued sections in Division 212.
- 1.02** A bullet (●) indicates an item that has been added or changed since the previous issue of the index.
- 1.03** A square (□) indicates a canceled item. Information relating to the cancellation, if necessary, will be shown in a note following the item. Canceled items and related notes will be deleted upon reissue of the index.
- 1.04** "Add" is the abbreviation for Addendum and "App" is the abbreviation for Appendix.

2. LAYERS

- 2.01** This division is arranged in layers as follows:
 - 212-0 Indexes, Administrative and General Information
 - 1 Decoders, Markers, Translators and Associated Equipment
 - 2 Senders, Registers and Associated Equipment
 - 3 Connectors, Links, Controllers, Alarms, and Plant and Traffic Registers
 - 4 Dynamic Load Control Equipment
 - 5 Trunks and Trunk Testing Equipment
 - 7 CAMA
 - 8 Electronic Translator

3. INDEX

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212-001 CONTROLLED MAINTENANCE PLAN AND EQUIPMENT TEST LISTS (ETL)		
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212-001-011	1	ETL — Instructions
212-001-012	1	ETL — Card Translator and Decoder
212-001-013	1	ETL — Connector
212-001-014	1	ETL — Link Controller and Marker
212-001-015	1	ETL — Sender and MF Receiver
212-001-016	1	ETL — Traffic Equipment
212-001-017	1	ETL — Trunks
212-001-018	1	ETL — Miscellaneous
212-001-019	1	ETL — CAMA
● 212-012-100	3	Trouble Recorder Frame — Description
212-025-001	3	Trouble Tickets

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212-026-001	2	Equipment and Trunk Record Cards
212-027-001	1	Cross-Connection Forms — CAMA Equipment
212-028-001	1	Preparation of Trunk Connection Summary Information — No. 4A Toll Switching System
212-029-001	4	Classifying and Recording Trouble Data
212-030-101	1	Wire Types
212-040-301	2	Taking Equipment Out of Service — Major Units of Equipment
212-1 DECODERS, MARKERS, TRANSLATORS AND ASSOCIATED EQUIPMENT		
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212-103-501	5	Marker — Tests Using the Decoder-Marker Test and Trouble Recorder Circuit
212-103-502	7	Marker — Miscellaneous Tests
212-106-501	1	Frame Identification Frequency Supply Test Set — Tests
212-107-501	5	Frame Identification Frequency Supply Circuit, SD-68119-01 — Tests
212-107-502	1	Frame Identification Frequency Supply Circuit SD-68119-01 — Miscellaneous Tests
212-108-501	2	Frame Identification Detectors of Markers — Tests — No. 4A Toll Switching System
212-109-501	2	Frame Identification Frequency Supply and Control Circuit SD-68963-01 — Miscellaneous Tests
212-115-501	4	Decoder — Tests Using the Decoder Marker Test and Trouble Recorder Circuit
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212-115-502	5	Decoders — Miscellaneous Tests
212-120-101	1	1-Type Translator (Card Translator) — Description — No. 4 Type Switching System
212-120-301	4	Translator Card Template — Preparation
212-120-501	4	Card Translator — Tests Using Card Translator Test Set SD-68458-01 (J67453A)
212-120-502	5	Card Translator — Tests — Using Trouble Recorder Frame

SECTION 212-000-000

Section Number	Issue	Subject
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212-201-301	2	Method of Tracing Stuck Sender Connections
212-202-301	1	Supplementary Procedure for Detecting Trouble Beyond the Toll Switching Trunk
212-203-501	3	Sender Attachment Delay Recorder — Tests
212-204-501	4	Sender Traffic Control Circuit
212-205-101	2	Sender Make-Busy Frame — Description — No. 4A Toll Switching Offices
212-210-101	2	Incoming Sender Test Frame — Description — No. 4A Toll Switching Offices
212-210-501	3	Incoming Sender Test Frame — SD-68226-01 — Tests
212-212-501	6	Incoming Senders and Multi-frequency Receivers — Tests Using Automatic Sender Test Frame SD-68226-01 — 4A Toll Switching System
Add 212-212-502	1	
212-212-502	5	Incoming Senders and Multi-Frequency Receivers — Tests Using Automatic Sender Test Frame SD-68226-01 — No. 4M Toll Switching System
212-214-501	3	Incoming Sender and Register Test Frame SD-68491-01 — Tests
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212-217-501	1	Incoming Dial Pulse Register — Tests Using Automatic Incoming Sender and Register Test Frame SD-68491-01
212-218-101	2	Outgoing Sender Test Frame — Description — No. 4A Toll Switching Offices
212-218-501	2	Outgoing Revertive and PCI Sender Test Frame SD-68372-01 — Tests — No. 4A Toll Switching System
212-220-501	3	Outgoing Senders — Tests Using Automatic Outgoing Sender Test Frame — No. 4A Toll Switching System
212-222-501	2	Outgoing Sender Test Frame SD-68075-01 — Tests — No. 4M Toll Switching System
212-224-501	4	Outgoing Senders — Tests Using Sender Test Circuit SD-68075-01 — No. 4M Toll Switching Systems
212-226-501	2	Overseas Sender SD-68551-01 — Tests Using Automatic Sender Test Frame SD-68226-01
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Section Number	Issue	Subject
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212-313-501	5	Sender Link and Connector Circuits — Tests
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212-319-501	2	Incoming Register Link — Miscellaneous Tests
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212-330-501	4	Fuse Alarms — Tests
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212-403-501	2	Queue Indicator — Tests
212-405-501	1	Automatic Traffic Overload Reroute Control Circuit — Tests
212-409-501	1	Network Control Circuit SD-68604-01 — Tests

212-5 TRUNKS AND TRUNK TESTING EQUIPMENT

212-502-501	1	Plug-In Toll Switching Trunk Circuits Tests — Using Trunk Test Set SD-68597-01
212-503-101	3	Automatic Transmission Test and Control Circuit (ATTC) — Description
212-503-501	4	Automatic Transmission Test and Control Circuit and Associated Amplifiers and Amplifier-Rectifier — Tests
212-505-101	1	Automatic Outgoing Intertoll Trunk — Test Circuit (AOIT) and Associated Teletypewriter — Description
212-505-301	2	Automatic Outgoing Intertoll — Trunk Test Frame — Cross Connections
212-505-501	2	Automatic Outgoing Intertoll Trunk Test Frame — Tests
212-507-501	5	Automatic Outgoing Toll — Connecting Trunk Test Circuits — SD-68373-01 and SD-68076-01
212-509-301	2	Automatic Outgoing Toll Connecting Trunk Test Frame SD-68076-01 — Cross Connections — No. 4M Toll Switching System

Section Number	Issue	Subject	Section Number	Issue	Subject
212-511-101	2	Automatic Outgoing Toll Connecting Trunk Test and Connector Frames — Description — No. 4A Toll Switching Offices	212-566-501	7	Toll Switching, TX, and Miscellaneous Outgoing Trunks Arranged for MFP, RP, DP, CI, or CA Operation — Tests Using Test Circuit SD-68076-01 or SD-68373-01
212-511-301	2	Automatic Outgoing Toll Connecting Trunk Test Frame SD-68373-01 — Cross Connections	212-566-502	5	Toll Switching, TX, and Miscellaneous Outgoing Trunks Arranged for Manual or Straightforward Operation — Tests Using Test Circuit SD-68076-01 or SD-68373-01
212-512-301	1	Automatic Outgoing Trunk Test Frame SD-68580-01 — Compiling Data for Control Tapes	212-566-503	1	Toll Switching, TX, and Miscellaneous Outgoing Trunks — Tests Using Test Circuit SD-68580-01
212-512-302	1	Automatic Outgoing Trunk Test Frame SD-68580-01 — Control Tape Preparation	212-568-501	2	Outgoing Trunks from No. 5 Toll Switchboard — Appearing on Incoming Link and Connector Frames — Tests Using Test Circuit SD-68359-01
212-512-501	2	Automatic Outgoing Trunk Test Circuit SD-68580-01 — Tests	212-569-501	1	Outgoing Trunks from No. 5 Toll Switchboards (Not Appearing on Incoming Link Frames) — to Toll Tandem and Toll Switchboards — Tests Using Test Circuit SD-68359-01
212-512-502	1	Teletypewriter Test and Control Circuit SD-68584-01 for AOTT or AOOT Test Frames — Tests	212-580-501	3	Two Way Intertoll Trunks — Tests Using Test Circuit SD-68359-01
212-512-701	1	Automatic Outgoing Trunk Test — Circuit SD-68580-01 — Built-Out Resistor Assembly Adjustment	212-582-501	2	2-Way Overseas Trunk and Associated Assistance Trunks — Tests Using Test Set Circuit SD-68359-01
212-513-501	3	CAMA Incoming Trunk Test Circuit — Tests	212-585-501	2	Data Converter Circuit — SD-71050-01 — Tests Using Interim Test Circuit SD-71062-01
212-516-501	1	Data Converter Interim Test Circuit — SD-71062-01 — Tests			
212-522-501	1	Outgoing Trunk Identification Circuit — Tests			
212-524-501	1	Camp-On Circuit — Miscellaneous Tests			
Add 212-528-501	1				
212-528-501	4	Announcement Connecting Trunks — Group Busy Chain Relay Circuits and Directional Reservation Circuits — Tests Using Test Circuit SD-68076-01 or SD-68373-01	212-7 CAMA		
212-530-501	3	Incoming (One Way) Intertoll Trunks — Tests Using Test Circuit SD-68359-01	212-701-301	3	Method of Handling Interdepartmental AMA Trouble Reports
212-532-501	2	Incoming Trunks — Transmission and Pad Test Using Test Trunk Circuit SD-68547-01	212-702-301	3	Central Office Automatic Message Accounting Equipment — Precautions to Limit Stoppages in No. 1 Accounting Center
212-534-501	4	Incoming Toll Tandem Trunks — Tests Using Test Circuit SD-68359-01	212-703-501	1	CAMA Line Observing Number Matching — Miscellaneous Tests
212-536-501	2	Incoming Trunks to No. 5 Toll Switchboard From Toll Switchboards — Test Using Test Circuit SD-68359-01	212-710-501	1	CAMA Switchboard Suspension — Tests
212-560-501	4	Outgoing (1-Way) Intertoll Trunks — Tests Using Test Circuit SD-68359-01	212-711-501	1	CAMA Position Circuit — Tests Using Incoming Sender and Register Test Frame SD-68491-01
212-562-501	1	Automatic Operational and Transmission Tests of Intertoll Trunks	212-712-501	1	CAMA Position Link Circuit — Tests Using Incoming Sender and Register Test Frame, SD-68491-01
212-564-501	2	Outgoing Toll Connecting Trunks — Over-All 1000-Cycle Transmission Tests — No. 4A and 4M Toll Switching Systems and No. 5 Toll Switchboards	212-712-502	2	CAMA Position Link and Controller — Miscellaneous Tests
212-565-501	1	Outgoing Toll Tandem Trunks — to Toll Tandem Switchboards — Tests Using Test Circuit SD-68359-01	212-713-502	5	CAMA Calls Waiting Signal Circuit and CAMA 2-Way Signaling Circuit — Manual Tests
			212-720-301	2	Master Timing Circuit SD-25633-01 — Taking Equipment Out of Service
			212-720-302	3	Master Timing Circuit SD-25633-01 — Methods of Handling Alarms
			212-720-303	2	Master Timing Circuit SD-25633-01 — Daylight Saving Time and Leap Year Changes
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SECTION 212-000-000

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212-735-502	1	Transverter — Miscellaneous Tests
212-736-501	1	Trunk Class Translator Circuit — Tests
212-737-501	1	Transverter Connector — Tests
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212-740-501	2	Recorder and Recorder Connector Circuit — Tests
212-745-501	2	Billing Indexer — Tests Using Automatic Incoming Sender and Register Test Frame SD-68491-01

Section Number	Issue	Subject
212-745-502	4	Billing Indexer — Miscellaneous Tests
212-750-501	2	Call Identity Indexer Circuit SD-25621-01 — Tests
212-760-501	2	CAMA Incoming Trunks — Tests Using CAMA Incoming Trunk Test Circuit

212-8 ELECTRONIC TRANSLATOR

212-801-501	1	Peripheral Scanner — Tests
212-803-502	1	Distributor Register — Tests
212-805-502	1	Alarm and Display Circuit — Miscellaneous Tests