

**NUMERICAL INDEX — DIVISION 807**  
**EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS**  
**AND ENGINEERING INFORMATION**  
**DATA SYSTEMS**

**1. GENERAL**

- 1.01** This section provides an index of System-issued sections in Division 807.
- 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** A spade (♠) indicates an item not on microfiche. This index indicates the latest issue for hard-copy practices. In some cases, the microfiche will reflect the next higher issue as a result of the reduced distribution interval.
- 1.05** "Add" is the abbreviation for Addendum.

**2. LAYERS**

**2.01** This division is arranged in layers as follows:

- 807-0 Indexes, General Information, and Miscellaneous Equipments
  - 1 Repeater and Carrier Equipments
  - 2 Telegraph and Teletypewriter Switchboards and Teletypewriter Subscriber Sets
  - 3 Teletypewriter Switching Units
  - 4 Telegraph Serviceboards, Testboards, and Test Equipments
  - 5 Station Equipment and Data Sets
  - 6 Digital Data Equipment
  - 7 Data Network Systems

**3. INDEX**

Section Number	Issue	Subject
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**807-0 INDEXES, GENERAL INFORMATION, AND MISCELLANEOUS EQUIPMENTS**

**Indexes**

- ♠ 807-000-000 66 Numerical Index — Division 807 — Equipment Design and General Equipment Requirements and Engineering Information — Data Systems

**General Information and Miscellaneous Equipments**

- |                 |   |   |
|-----------------|---|---|
| 807-004-150     | 1 | (J63005) - Maintenance Alarm Equipment  |
| Add 807-005-155 | 1 |   |
| 807-005-155     | 2 | (J70115) - 71A1 Level Compensator — For Telephotograph Systems                    |
| 807-005-181     | 2 | Performance Requirements — 71A1 Telephotograph Level Compensator                  |
| 807-006-150     | 1 | (J70161) - Selector Magnet Driver Unit — Using a 315A Mercury Relay               |
| 807-006-155     | 6 | (J70013) - Wave Shaping Sets — For Telegraph Subscriber Lines — Station Equipment |
| 807-009-150     | 5 | (J70102) - 144-Type Coupling Units  |

Section Number	Issue	Subject
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|-----------------|---|---|
| 807-011-150     | 2 | (J70042) - 151A1 Teletypewriter Resistance Unit   |
| Add 807-012-150 | 1 |   |
| 807-012-150     | 6 | (J70144) - Miscellaneous Equipment Units — Dial Teletypewriter Exchange   |
| Add 807-012-155 | 1 |   |
| 807-012-155     | 1 | (J70153) - Electronic Units and Electronic Drawer Assemblies — For the Data Converter Unit, — Test Sentence Generator Unit, — Instruction Word Generator Unit, — Supervisor or Service Assistance Desk, — 119E1 Signal Distortion Generator Unit, — 5A Automatic Data Test Line Unit, — And Data Signal Distortion Measuring Unit |
| Add 807-012-160 | 1 |   |
| 807-012-160     | 6 | (J70148) - Printed Card Electronic Units — For Dial Teletypewriter Exchange Service   |
| Add 807-014-150 | 1 |   |
| 807-014-150     | 2 | (J70154) - Junctor-Converter Trunk Unit — Fuse and Alarm Unit — Modem Tuned Circuit Unit and Amplifier Unit   |
| 807-014-180     | 1 | Performance Requirements — For Data Converter Junctor Trunk   |
| 807-015-181     | 1 | Performance Requirements — 101B TTY Concentrating Unit  |
| 807-017-150     | 3 | (J70165) - Mounting and Connecting Units — Central Office Data Sets   |

**807-1 REPEATER AND CARRIER EQUIPMENTS**

**Repeater Equipments**

- |             |   |  |
|-------------|---|--|
| 807-101-180 | 1 | Performance Requirements — 10E1 Single-Line Telegraph Repeater   |
| 807-101-182 | 1 | Performance Requirements — 10F2 Loop Repeater  |
| 807-101-183 | 1 | Performance Requirements — 10G1 Loop Repeater  |
| 807-102-153 | 6 | (J70107) - 13G1 One-Way Repeater   |
| 807-102-183 | 1 | Performance Requirements — 13G1 Telegraph Repeater   |
| 807-103-190 | 2 | Performance Requirements — 16B1 Telegraph Repeater   |
| 807-103-191 | 1 | Performance Requirements — 16C1 Terminal Repeater With Balanced-Loop Applique — Operating With a Telegraph Testboard |
| 807-103-192 | 1 | Performance Requirements — 16C1 Terminal Repeater Operating With a No. 2 or 9B Serviceboard                          |

Section Number	Issue	Subject
807-104-180	1	Performance Requirements — 17A1 Telegraph Repeater
807-105-181	1	Performance Requirements — Metallic Telegraph Repeaters and Associated Circuits
807-107-150	6	(J70048) - 90A2, 90B1, 90B2, and 90C1 Loop Repeaters
807-107-180	2	Performance Requirements — 90A1 and 90A2 Loop Repeaters
807-107-181	1	Performance Requirements — 90C1 Loop Repeater
807-107-182	2	Performance Requirements — 91A1 Concentration Group Repeater
807-108-160	4	(J70103) - 96A1 Loop Repeater
807-110-180	2	Performance Requirements — 106A1 and 106C1 Regenerative Repeaters
807-113-180	2	Performance Requirements — 143A1 and 143A2 Telegraph Regenerative Repeaters
Add 807-114-150	1	
807-114-150	3	(J70164) - 145A1 Regenerative Repeater Units
807-125-150	2	(J70159) - WLR-1 and WLR-2 — Wideband Loop Repeaters
807-125-151	2	(J70163) - WLR-3 Wideband Loop Repeater
807-125-152	2	(J70171) - WLR-4 and WLR-5 — Wideband Loop Repeater
807-126-150	1	(J70168) - Wideband Service Bays and Associated Equipment

**Carrier Equipments**

807-160-185	1	Performance Requirements — Voice Frequency Carrier Telegraph — Frequency Indicator — Modified Per J68721, X-63075, or X-63295 — For No Input Alarm and Auxiliary Grid Supply Equipment
807-160-190	2	Performance Requirements — Grid Potential Supply Circuits — Carrier Telegraph Equipment
Add 807-170-160	2	
807-170-160	10	(J70112) - 43A1 Carrier Telegraph System — Channel Terminal Unit and Associated Equipment
807-170-161	5	(J70169) - 43B1 Voice Frequency Carrier and Associated Equipment
807-170-184	4	Performance Requirements — 40C1 Carrier Telegraph Terminal
807-170-185	2	Performance Requirements — 40C2 Carrier Telegraph Terminal
807-170-190	4	Performance Requirements — 43A1 Carrier Telegraph Terminal
807-170-191	2	Performance Requirements — 43A1 Carrier Telegraph — 2-Wire Carrier Repeater

Section Number	Issue	Subject
807-176-180	4	Performance Requirements — 140A1 Carrier Supply
Add 807-180-150	1	
807-180-150	2	(J70152) - B1 Data Carrier Terminal
807-180-181	1	Performance Requirements — B1 Data Carrier Terminal

**807-2 TELEGRAPH AND TELETYPEWRITER SWITCHBOARDS AND TELETYPEWRITER SUBSCRIBER SETS**

**Telegraph Switchboards**

Add 807-201-150	1	
807-201-150	1	(J70094) - 63B2 Telegraph Loop Switchboard
807-201-153	3	(J70005) - 63C1 Telegraph Loop Switchboard

**Teletypewriter Switchboards**

807-206-180	1	Performance Requirements — 6A Teletypewriter Switchboard
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**Teletypewriter Subscriber Sets**

807-252-153	5	(J70127) - 130C1 Teletypewriter Subscriber Set
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**807-3 TELETYPEWRITER SWITCHING UNITS**

807-305-180	3	Performance Requirements — 81C1
807-305-186	3	Performance Requirements — 81D1
Add 807-308-150	1	
807-308-150	2	(J70158) - 83B3 Teletypewriter Selective Calling System or No. 1 Electronic Switching Systems ADF — Half-Duplex Operation

**807-4 TELEGRAPH SERVICEBOARDS, TESTBOARDS, AND TEST EQUIPMENTS**

**Telegraph Serviceboards**

Add 807-401-152	2	
807-401-152	5	(J70091) - No. 2 Telegraph Serviceboard
807-401-153	3	(J70173) - Type 3 Low Voltage Hub
807-401-160	7	(J70100) - Relay Rack Units — For 2 and 9B Telegraph Serviceboards
807-401-161	3	(J70162) - 110E1 Multiple Sender Equipment — For Use With No. 2 and 9B Telegraph Serviceboards
807-401-162	3	(J70104) - Negative 330-Volt Supply — For No. 2 and 9B Telegraph Serviceboards
807-401-182	1	Performance Requirements — No. 2 Telegraph Serviceboard
807-401-191	1	Performance Requirements — Station Monitoring Test Line Circuit SD-70925-01 — No. 2 or 9B Telegraph Serviceboard — No. 9 Telegraph Testboard
Add 807-402-150	3	
807-402-150	6	(J70099) - No. 9B Telegraph Serviceboard

Section Number	Issue	Subject	Section Number	Issue	Subject
807-402-180	1	Performance Requirements — No. 9B Telegraph Serviceboard	Add 807-460-165	1	
<b>Telegraph Testboards</b>			807-460-165	13	(J79904) - 904 Data Test Center — For Remote Data Set Testing
807-409-150	7	(J63513) - Miscellaneous Panels and Units — For Use With Toll and Telegraph Testboards	807-460-194	8	Performance Requirements — 904A, B, C, and D Data Test Centers
Add 807-411-152	1		807-460-196	1	Performance Requirements for 904F, K Data Test Center
807-411-152	3	(J70150) - 10A and 10B Telegraph Testboard — Test Position and Relay Unit Equipment	807-460-197	1	Performance Requirements for No. 904G or 904H — Data Test Center
Add 807-411-155	1		Add 807-461-165	1	
807-411-155	1	(J70160) - 10C Telegraph Testboard	807-461-165	1	(J79908) - 908A Logic Circuit Test Set
807-411-181	1	Performance Requirements — 10A Telegraph Testboard	Add 807-462-150	1	
807-411-182	1	Performance Requirements — 10B Telegraph Testboard	807-462-150	1	(J79909) - 909A Test Oscillator Panel
807-411-185	1	Performance Requirements — 10C Telegraph Testboard	807-462-152	6	(J79911) - 911-Type Data Test Sets — For Generating Test Sentences and Measuring Distortion
<b>Test Equipments</b>			807-462-165	3	(J79912) - 912-Type Wideband Data Test Set
807-416-181	4	Performance Requirements — 111A2 Polar Relay Test Circuit	Add 807-462-167	1	
Add 807-417-150	1		807-462-167	2	(J79914) - 914-Type Data Test Sets for Testing Digital and Analog Data Sets
807-417-150	1	(J70155) - Central Office Interim Test Wagon — For Use With 3-Row — 4-Row Data Converter	807-463-150	5	(J79915) - 915 Wideband Data Test Bay
Add 807-418-151	1		807-463-180	4	Performance Requirements — For the 915A or 915B — Wideband Data Test Bay
807-418-151	1	(J79906) - Data Distortion Test Equipment	807-464-150	2	(J79918) - 918-Type Multispeed and Code Converter
807-418-180	1	Performance Requirements — Automatic Test Line Circuit	Add 807-464-156	1	
807-418-181	1	Performance Requirements — Automatic Data Test Line No. 5A	807-464-156	3	(J79921) - 921A Data Test Set
807-418-182	3	Performance Requirements — 906A Data Distortion Test Equipment	807-464-186	2	Performance Requirements for No. 918 Type — Multispeed and Code Converter (J79918)
Add 807-421-150	1		<b>807-5 STATION EQUIPMENT AND DATA SETS</b>		
807-421-150	2	(J70175) - Voice Frequency — Line Test Connector Bay — Line and Test Bay — Auxiliary Line Bay — No. 2 and 9B Serviceboards	<b>Station Equipment</b>		
807-421-181	1	Performance Requirements for VF Line Test Connector — Data Systems	Add 807-505-151	1	
807-426-180	2	Performance Requirements — 110C1 Multiple Sender Circuit	807-505-151	1	(J70170) - Control Circuits for No. 1 ESS ADF — Intercept/Retrieval or Primary Maintenance — 3-Row, 28-Type Teletypewriter Stations
807-427-181	2	Performance Requirements — 117B1 and Modified 117A1 Telegraph Stability Test Sets	Add 807-505-155	1	
807-428-182	2	Performance Requirements — 119C1 Signal Distorting Set	807-505-155	2	(J1D815) - 815-Type Controller Units — Station
Add 807-434-161	1		Add 807-506-150	1	
807-434-161	5	(J70098) - 165B1 Test Set — For Testing 144-Type Coupling Units and 96A1 Loop Repeaters	807-506-150	2	(J70147) - Semi-Automatic — "DATA-PHONE®" Data Station Equipment
Add 807-434-162	1		<b>Data Sets</b>		
807-434-162	5	(J70120) - 165C1 Test Sets — For Testing 43A1 Carrier Channel Terminals	Add 807-515-151	2	
			807-515-151	4	(J1D101) - 101-Type — For Dial Teletypewriter — Exchange and "DATA-PHONE®" Service
			807-518-150	1	(J1D201) - 201A — "DATA-PHONE®" Service — Transmitter-Receiver
			807-521-150	1	(J1D301) - 301 Type — Transmitter-Receiver

Section Number	Issue	Subject
<b>807-6 DIGITAL DATA EQUIPMENT</b>		
807-601-150	2	(J70176) - 950-Type Testboard — DSX-0 Cross-Connect and Test Sets
807-601-180	1	Performance Requirements for 950-Type Testboard
807-610-150	1	(J70177) — Transmission Facility Terminal Units, Multipoint Junction, Timing, and Miscellaneous Units
807-610-181	1	Performance Requirements for Digital Data System — Five-Volt Power Supply Shelf — Subrate Data Multiplexer and Subrate Data Multiplexer Performance Monitor
807-610-182	1	Performance Requirements for Digital Data System — Secondary Timing Supply
807-610-183	1	Performance Requirements for T1 Data Multiplexer (J70177AD, AE, AG)
807-610-185	1	Performance Requirements — Nodal Timing Supply
807-610-186	1	Performance Requirements for Digital Data System — Local Timing Supply
807-610-187	1	Performance Requirements — Bay Clock, Power, and Alarms Circuit — Data Systems
807-610-188	1	Performance Requirements — Multipoint Junction Unit Assembly With Auxiliary Circuits
807-610-189	1	Performance Requirements for Digital Data Group Terminal (J70177AS)
807-610-191	2	Performance Requirements for Digital Data System — Digital 56 KB/S Repeater (J70177AT)

Section Number	Issue	Subject
807-620-150	1	(J70178) - Digital Equipment Used in the 758C Switching System — Switched Digital Data System
807-620-180	1	Performance Requirements for Switched Digital Data System — Central Office — Billing Information Transmitter (BIT), BIT Performance Monitor, and Load Detection Circuits Used With the 758C Switching System
807-620-181	1	Performance Requirements for Switched Digital Data System — Central Office — Digital Line Unit Used With the 758C Switching System
807-620-182	1	Performance Requirements — Central Office — Digital Register-Sender Circuit Used With the 758C Switching System
807-620-183	1	Performance Requirements — Central Office — Digital Register-Sender Interface Unit Used With the 758C Switching System
807-620-184	1	Performance Requirements for Switched Digital Data System — Central Office — Digital Trunk Unit Used With the 758C Switching System

**807-7 DATA NETWORK SYSTEMS**

Add 807-701-150	1	
807-701-150	1	(J70179) Central Office Units Transaction Network Message Switch
807-702-150	1	(J70180) Data Station Selector DATAPHONE® " Select-a-Station System