

NUMERICAL INDEX — DIVISION 818  
EQUIPMENT DESIGN AND GENERAL EQUIPMENT REQUIREMENTS  
AND ENGINEERING INFORMATION  
NO. 4 TYPE TOLL SWITCHING SYSTEMS

1. GENERAL

- 1.01 This section provides an index of System-issued sections in Division 818.
- 1.02 A bullet (●) indicates an item that has been added or changed since the previous issue of this index.
- 1.03 A square (□) indicates a canceled item. Information relating to the cancellation, if necessary, will be shown in a footnote at the bottom of the page. Canceled items and related footnotes will be deleted upon reissue of the index.
- 1.04 A number sign (#) indicates the release of an item issued or reissued to change its rating to "Manufacture Discontinued" (Mfr. Disc.). No stock of these sections will be retained by WECO and the listing of these items will be deleted upon reissue of the index.
- 1.05 "Add" is the abbreviation for Addendum.

2. LAYERS

- 2.01 This division is arranged in layers as follows:
- 818-0 Indexes, General Information and Miscellaneous Equipments
- 1 Automatic Message Accounting Equipments
  - 2 Incoming Link, Outgoing Link and Junctor Grouping Equipments
  - 3 Sender, Register, Outputer, Sender Link, Register Link, Outputer Link, and Link Controller Equipments
  - 4 Decoder, Translator, Marker and Block Relay Equipments
  - 6 Trunk and Trunk Assignment Equipments
  - 7 Test, Maintenance and Alarm Equipments

3. INDEX

| Section Number   | Issue | Subject  |
|--|-------|--|
| <b>818-0 INDEXES, GENERAL INFORMATION AND MISCELLANEOUS EQUIPMENTS</b> |       |  |
| <b>Indexes</b>   |       |  |
| ● 818-000-000  | 30    | Numerical Index — Division 818 — Equipment Design and General Equipment Requirements and Engineering Information — No. 4 Type Toll Switching Systems |
| <b>General</b>   |       |  |
| 818-005-100  | 1-D   | Equipment Nomenclature — No. 4M Office   |
| ● 818-005-150  | 5     | General Outline — Operating and Equipment Features — No. 4A Office   |
| 818-005-170  | 1     | General — No. 4M Office — Engineering Information  |
| 818-005-171  | 1     | General — No. 4A Office — Engineering Information  |
| 818-007-150  | 3     | Modification of No. 4M and Converted No. A4A Offices to Provide Separate Train-Combined Operation  |
| 818-007-151  | 1     | Modification of No. 4A and Converted No. A4A Combined Train Offices to Provide Separate Train-Combined Operation — No. 4A Office                     |

| Section Number                      | Issue | Subject  |
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| Add 818-007-152                     | 1     |  |
| 818-007-152                         | 2     | Modification Procedures to Provide Increased Capacity Features   |
| (J69212)                            |       |  |
| Add 818-007-153                     | 1     |  |
| 818-007-153                         | 2     | Modification of Existing No. 4 Type Toll Offices for Electronic Translator System  |
| (J69213)                            |       |  |
| 818-010-180                         | 4     | Performance Requirements   |
| 818-011-150                         | 3     | Junctor Distribution — No. 4A Office   |
| (J67456)                            |       |  |
| 818-011-151                         | 2     | Junctor Distribution — No. 4M Office   |
| (J67410)                            |       |  |
| ● Add 818-011-152                   | 1     |  |
| 818-011-152                         | 3     | Junctor Distribution — Direct Cabling TBC Plan — No. 4A Office   |
| (J67470)                            |       |  |
| <b>Cabling, Wiring and Lighting</b> |       |  |
| 818-030-150                         | 3     | Switchboard Power Cabling  |
| (J60101)                            |       |  |
| 818-031-150                         | 4     | Limiting Conductor Lengths Between Frames and Units  |
| (J60103)                            |       |  |
| <b>Miscellaneous Frames</b>         |       |  |
| 818-040-150                         | 4     | Office Interrupter Frame   |
| (J67422)                            |       |  |
| 818-041-150                         | 6     | Alternate Route Traffic Control and Traffic Control Frames   |
| (J67444)                            |       |  |
| 818-042-150                         | 3     | Sender Traffic Control Frame   |
| (J67450)                            |       |  |
| 818-043-150                         | 5     | Frame Identification Frequency Supply and Control Frame  |
| (J67424)                            |       |  |
| 818-044-150                         | 2     | Outgoing Trunk Identification Frame  |
| (J67465)                            |       |  |
| 818-045-150                         | 2     | Announcement Frame — No. 5A Announcement System  |
| (J99324)                            |       |  |
| 818-046-150                         | 6     | Circuits Busy Announcement Trunk Frame   |
| (J67448)                            |       |  |
| 818-047-150                         | 3     | Line Observing Frame (AMA)   |
| (J22466)                            |       |  |
| 818-048-150                         | 1     | Miscellaneous Frame for Electronic Equipment   |
| (J67492)                            |       |  |
| <b>Miscellaneous Equipments</b>     |       |  |
| 818-080-150                         | 6     | End Guards Aisle Pilot Lamp Supports, Distributing Power Terminal Strip Supports, Record Books and Holders, Spare Fuse Mountings, and Print Display Boards |
| (J25551)                            |       |  |
| Add 818-081-150                     | 1     |  |
| 818-081-150                         | 11    | Miscellaneous Relay-Rack Mounted Units   |
| (J61564)                            |       |  |
| 818-081-151                         | 8     | Relay Rack Equipment — For No. 13C, 13D, 15C, and 15D Switchboards   |
| (J91104)                            |       |  |
| Add 818-082-150                     | 2     |  |
| 818-082-150                         | 6     | Traffic Register Equipment   |
| (J62601)                            |       |  |
| Add 818-082-151                     | 1     |  |
| 818-082-151                         | 6     | Traffic Register Equipment   |
| (J62603)                            |       |  |

**SECTION 818-000-000**

| Section Number  | Issue | Subject  |
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| <b>Miscellaneous Equipments (Cont'd)</b>                                  |       |  |
| Add 818-083-150   | 1     |  |
| 818-083-150 (J62604)  | 5     | Traffic Supervisory Rack   |
| Add 818-083-151   | 1     |  |
| 818-083-151 (J62607)  | 5     | Traffic Supervisory and Register Rack and Auxiliary Traffic Supervisory Cabinet Equipments               |
| Add 818-084-150   | 1     |  |
| 818-084-150 (J92608)  | 3     | Sender Attachment Delay Equipment  |
| <b>818-1 AUTOMATIC MESSAGE ACCOUNTING EQUIPMENTS</b>                      |       |  |
| 818-100-170   | 1     | CAMA Facilities — General — Automatic Message Accounting — Engineering Information                       |
| 818-101-150 (J69210)  | 1     | CAMA Modification Procedures   |
| Add 818-102-150   | 1     |  |
| 818-102-150 (J21350)  | 8     | CAMA Switchboard   |
| 818-103-150 (J28053)  | 4     | Position Link Frame  |
| 818-104-150 (J67454)  | 3     | CAMA Sender Link Frame   |
| 818-105-150 (J67458)  | 4     | CAMA Sender Frame  |
| 818-106-150 (J67463)  | 3     | Transverter Frame  |
| 818-106-151 (J67464)  | 1     | Transverter Connector Frame  |
| Add 818-107-150   | 1     |  |
| 818-107-150 (J67459)  | 1     | Trunk Class Translator and Supplementary Trunk Class Translator Frames                                   |
| Add 818-108-150   | 1     |  |
| 818-108-150 (J22462)  | 11    | Recorder Frames — No. 1, No. 5, and Tandem Crossbar, No. 4 Type Toll Switching, and Step-By-Step Systems |
| 818-109-150 (J22464)  | 5     | Billing Indexer Frames   |
| Add 818-110-150   | 1     |  |
| 818-110-150 (J22151)  | 10    | Call Identity Indexer Frames and Units   |
| Add 818-111-150   | 2     |  |
| 818-111-150 (J22456)  | 11    | Perforator Cabinet — Perforator and Reader Cabinet — Call Count Process Control Register Equipment       |
| Add 818-112-150   | 2     |  |
| 818-112-150 (J22451)  | 10    | Master Timing Frame  |
| 818-113-150 (J67460)  | 1     | Trouble Recorder Connector Frame   |
| <b>818-2 INCOMING LINK, OUTGOING LINK AND JUNCTOR GROUPING EQUIPMENTS</b> |       |  |
| <b>Incoming and Outgoing Link Frames</b>                                  |       |  |
| 818-200-150 (J67437)  | 8     | Incoming Link Frame — Primary and Secondary Extension Frames   |
| 818-201-150 (J67438)  | 5     | Outgoing Link Frame — Primary and Secondary Extension Frames   |
| <b>Junctor Grouping Frames</b>  |       |  |
| 818-210-150 (J67409)  | 3     | Junctor Grouping Frames  |

| Section Number   | Issue | Subject   |
|--|-------|---|
| <b>818-3 SENDER, REGISTER, OUTPULSER, SENDER LINK, REGISTER LINK, OUTPULSER LINK, AND LINK CONTROLLER EQUIPMENTS</b> |       |   |
| <b>Sender and Outpulsing Equipments</b>  |       |   |
| Add 818-300-150  | 2     |   |
| 818-300-150 (J67430)   | 6     | Incoming Sender Frames — DP and MF Sender Equipment Units — No. 4A Office   |
| Add 818-301-150  | 1     |   |
| 818-301-150 (J67452)   | 4     | Incoming Sender Frames — DP and MF Sender Equipment Units — No. 4M Office   |
| Add 818-302-150  | 1     |   |
| 818-302-150 (J67431)   | 6     | Incoming DP and MF Sender Equipment Sub-Units                               |
| 818-303-150 (J67468)   | 3     | Incoming MF Sender Frame — No. 4A Office                                    |
| 818-305-150 (J67413)   | 6     | Outgoing Sender Frames — REV, PCI, SXS and CA Sender Equipment Units        |
| <b>Sender Link, Register Link, Outpulser Link, Link Controller Equipments</b>  |       |   |
| 818-330-150 (J67402)   | 7     | Incoming and Outgoing Sender Link Frames                                    |
| 818-331-150 (J67407)   | 9     | Link Controller and Connector Frame   |
| <b>Incoming Register Equipments</b>  |       |   |
| Add 818-340-150  | 2     |   |
| 818-340-150 (J67457)   | 3     | Incoming Register and Link Frame  |
| <b>818-4 DECODER, TRANSLATOR, MARKER AND BLOCK RELAY EQUIPMENTS</b>  |       |   |
| <b>Decoder Equipments</b>  |       |   |
| Add 818-400-150  | 1     |   |
| 818-400-150 (J67439)   | 8     | Decoder Frame   |
| Add 818-401-150  | 1     |   |
| 818-401-150 (J67449)   | 7     | Decoder Connector Frame and Supplementary Decoder Connector Frame           |
| <b>Translator Equipments</b>   |       |   |
| 818-420-150 (J67442)   | 6     | Card Translator Equipment   |
| 818-421-150 (J67445)   | 7     | Foreign Translator Connector Frame and Emergency Translator Connector Frame |
| Add 818-422-150  | 1     |   |
| 818-422-150 (J67469)   | 1     | Pretranslator Frame   |
| 818-425-150 (J67471)   | 1     | Decoder Channel Frame   |
| Add 818-425-151  | 1     |   |
| 818-425-151 (J67472)   | 1     | Peripheral Scanner Frame  |
| Add 818-425-152  | 1     |   |
| 818-425-152 (J67473)   | 1     | Distributor Register Frame  |
| 818-425-153 (J67474)   | 1     | Alarm and Display Frame   |
| 818-425-154 (J67475)   | 2     | Power Distributing Frame and Miscellaneous Power Distributing Units         |
| 818-425-155 (J67476)   | 1     | Peripheral Function Translator Unit — Electronic Translator System          |
| 818-425-156 (J67479)   | 1     | Teletypewriter Buffer Frame   |

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| <b>Marker Equipments</b>                            |       |   |
| ● 818-450-150<br>(J67440)                           | 8     | Marker Frame  |
| 818-451-150<br>(J67446)                             | 7     | Marker Connector Frames   |
| <b>Block Relay Equipment</b>                        |       |   |
| 818-480-150<br>(J67408)                             | 6     | Block Relay Frame   |
| <b>818-6 TRUNK AND TRUNK ASSIGNMENT EQUIPMENTS</b>  |       |   |
| <b>Trunk Equipments</b>                             |       |   |
| Add 818-600-150                                     | 1     |   |
| 818-600-150<br>(J69211)                             | 2     | Trunk Tables — Listing Trunk Equipment Units, Features and Options  |
| 818-601-150<br>(J67466)                             | 3     | Trunk Frames for 23 and 30-1/2 Inch Mounting Plate Relay Rack Mounted Units   |
| 818-602-150<br>(J61561)                             | 12    | Intertoll Trunks — Relay Rack Mounted Units   |
| 818-603-150<br>(J61562)                             | 12    | Incoming Toll Connecting Trunk — Relay Rack Mounted Units   |
| Add 818-604-150                                     | 2     |   |
| 818-604-150<br>(J61563)                             | 11    | Outgoing Toll Connecting Trunk — Relay Rack Mounted Units   |
| <b>Trunk Assignment Equipments</b>                  |       |   |
| 818-630-151<br>(J67434)                             | 2     | Trunk Assignment Distributing Frame   |
| 818-631-150<br>(J67421)                             | 3     | Trunk Assignment Patch Bay  |
| <b>818-7 TEST, MAINTENANCE AND ALARM EQUIPMENTS</b> |       |   |
| <b>Test Frames</b>                                  |       |   |
| 818-701-150<br>(J67443)                             | 9     | Trouble Recorder Frame  |
| Add 818-702-150                                     | 1     |   |
| 818-702-150<br>(J67462)                             | 3     | Incoming Sender and Register Test Frame   |
| 818-703-150<br>(J67436)                             | 3     | Outgoing Sender Test Frame — No. 4A Office  |
| ● 818-704-150<br>(J67419)                           | 5     | Sender Test Connector Frame — No. 4M Office   |
| Add 818-705-150                                     | 1     |   |
| 818-705-150<br>(J67418)                             | 9     | Automatic Outgoing Toll Connecting Trunk — Operational and Transmission Test Frames — Outgoing Toll Connecting Trunk Test Connector Frame |

| Section Number                | Issue | Subject   |
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| Add 818-706-150               | 2     |   |
| 818-706-150<br>(J67447)       | 12    | Automatic Outgoing Intertoll Trunk Test and Connector Frames — Automatic Transmission Test and Control Frames — Teletypewriter Frame — Floor Model 28-Type Teletypewriter |
| 818-706-151<br>(J67478)       | 1     | Automatically Directed Outgoing Intertoll Trunk Test Frame and Automatically Directed Outgoing Intertoll Trunk Test Connector Frame                                       |
| Add 818-707-150               | 1     |   |
| 818-707-150<br>(J67461)       | 2     | Automatic Incoming Trunk Test and Connector Frames (CAMA)   |
| Add 818-708-150               | 2     |   |
| 818-708-150<br>(J98501)       | 8     | Manual Outgoing Trunk Test Frame and Outgoing Trunk Test Jack Bay   |
| <b>Test Sets</b>              |       |   |
| Add 818-740-150               | 1     |   |
| 818-740-150<br>(J63525)       | 4     | Incoming, Outgoing and Intertoll Trunk Test Set (Wagon Type) and Associated Relay Rack Equipment  |
| 818-741-150<br>(J64727)       | 3     | Frame Identification Frequency Supply Test Set (Box Type)   |
| 818-742-150<br>(J67453)       | 3     | Translator Test Set and Associated Equipment  |
| 818-743-150<br>(J67477)       | 1     | Trunk Test Set (Portable Plug-In Type) for MF Pulsing, E & M Lead Supervision Toll Switching Trunks   |
| <b>Maintenance Equipments</b> |       |   |
| 818-760-150<br>(J67427)       | 3     | Trouble Tracing Step-By-Step Selector Frame for Use With Intertoll Trunk Concentrator   |
| Add 818-761-150               | 1     |   |
| 818-761-150<br>(J67435)       | 6     | Sender Make-Busy Frame and Auxiliary Sender Make-Busy Frame — No. 4A Office   |
| 818-761-151<br>(J67416)       | 6     | Register Make-Busy Frame — No. 4M Office  |
| <b>Alarm Equipments</b>       |       |   |
| 818-780-150<br>(J67441)       | 5     | Floor Alarm Frame   |
| Add 818-780-151               | 1     |   |
| 818-780-151<br>(J67423)       | 6     | Floor Alarm Units   |