

RADIO ADMINISTRATION
MICROWAVE RADIO
ROTATING STOCK PLAN FOR SHORT-HAUL MICROWAVE RADIO
PLUG-IN UNITS

1. GENERAL

1.01 This section describes the procedure for a rotating stock plan to be used for the expedited replacement, repair, and return of plug-in units for short-haul microwave radio systems.

1.02 This section is reissued to make corrections and to expand the list of rotating stock items.

1.03 This plan was established to facilitate the replacement and repair of units which have failed in working systems. By centralizing one basic inventory, the plan also minimizes each company's investment in spare units.

1.04 This plan should not be used for new jobs in lieu of obtaining replacements for defective units on installers' requisitions, nor should it be used as a means of obtaining new spare units.

1.05 Only units incorporating updated changes will be shipped from stock. All units returned for repair will have changes applied, as required, to update the unit as far as is practical. If a unit is deemed not acceptable by the Western Electric returned goods organization, the operating company shall be contacted to determine whether the unit will be repaired as on "F901 repair" or returned. When a new list replaces an older list and it is not practical to update the old list to be an equivalent of the new, both lists will be maintained in rotating stock as long as there is a reasonable demand for both. A company desiring to replace a working or failed unit with one of a later list should not obtain it from rotating stock but should order the replacement through normal channels.

2. PROCEDURES

2.01 The following procedures are to be used in the rotating stock plan for defective plug-in units listed in Table A.

(a) Issue a requisition for a replacement unit and an RMN for the defective unit at the same time. If possible, both should be assigned the same number. In any case, both the requisition and the RMN must be cross-referenced to each other as shown below.

(b) The requisition must be for the J-spec (or ED) code and for the same list (or group) number as the unit being returned.

(c) The requisition must include the statement:

"To be obtained from factory rotating stock. Unit for repair returned on RMN No. _____ in accordance with Section 400-400-001."

(d) The RMN must include the statement:

"To be repaired, updated, and returned to factory rotating stock. Replacing unit was ordered on requisition No. _____ in accordance with Section 400-400-001."

(e) The requisition and RMN forms must be forwarded together to the Western Electric Company service center. One copy of the RMN shall be attached to the unit being returned.

(f) The defective unit must be sent immediately "collect" to the Western Electric Company service center. This is important as Western Electric will not process the requisition unless the defective unit has arrived at the service

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center or assurance is received that it has been shipped. Protective wrapping or packaging shall be used, as required, to minimize damage in shipment.

2.02 The following procedures will be used by the Western Electric Company.

(a) The service center will process the requisition for the rotating stock item and will phone or DATAPHONE® the order to the factory. If the same list or group combination is not available, a unit bearing a compatible or improved electrical characteristic will be substituted. In no instance will the list or group vintage be downgraded; only equal or improved units will be provided. The factory will ship the unit from rotating stock directly to the designated shipping address within 48 hours of receipt of the requisition by the factory.

(b) The service center will ship the defective unit in adequate protective packing, as required, to the factory for repair and for return to rotating stock. Only defective units that

correspond to units ordered on the cross-reference requisition will be accepted for repair and return to rotating stock. For example, a list 1 of a particular unit will not be accepted when the corresponding requisition orders a list 2 of that particular unit.

(c) The factory will repair the returned unit, apply any changes required to bring it up to date, and place it in rotating stock.

(d) Replacing units shall be billed to the operating company at an AH price if a refurbished unit is shipped or at the standard price if a new unit is shipped plus updating charges (if any), handling, and transportation costs.

(e) Credit rendered the operating company is a net allowance (AA) if the unit is repairable. If the unit is not repairable, no credit is rendered.

3. LIST OF STOCK ITEMS

3.01 A list of units available in rotating stock is given in Table A.

TABLE A (Cont)

UNIT DESCRIPTION	COMPATIBLE LISTS OR GROUPS
TL-2/TM-1 RADIO (Cont)	
4.12 — J99296G-2 L4 4.13 — J99296G-2 L4 & LA 4.14 — J99296K-1 L1	Will not be manufactured by the operating shop Will be manufactured for the merchandise organization only
TM-1 RADIO	
5.1 — ED-9214-30 G1 & G3 5.2 — ED-97214-30 G2 5.3 — 1415C Network	Will not be manufactured by the operating shop
TL-1/TL-2/TM-1 RADIO	
6.1 — ED-97070-30 G1, G2, G3, G6, & GSA 6.2 — ED-97070-30 G4, G7, & GSB 6.3 — ED-97070-30 G5 & GSB 6.4 — ED-97071-30 G1 & GA 6.5 — ED-97071-30 G2 6.6 — ED-97071-30 G3	Will not be manufactured by the operating shop Will not be manufactured by the operating shop Will not be manufactured by the operating shop Is not interchangeable with Item 6.4 and/or Item 6.5
TM-2 RADIO	
7.1 — J99351D-1 L1, L4, & LA 7.2 — J99351D-1 L1, L2, L4, & LA 7.3 — J99351E-1 L1 & LA 7.4 — J99351F-1 L1 7.5 — J99351F-1 L2 7.6 — J99351J-1 L1 7.7 — ED-97071-30 G1, G5, & GA 7.8 — ED-97071-30 G2 & G5 7.9 — ED-3C400-30 G1 7.10 — 91A Power supply unit	Is not interchangeable with Item 7.1 Is not interchangeable with Item 7.4
TL-1 RADIO	
8.1 — J86499C-1 L1, A, B, & C 8.2 — J86499D-1 L1, A, B, & C 8.3 — J86499D-1 L1, A, B, C, & WA 8.4 — J86499E-1 L(1, A, & B) L(1 & B)	
TL-2 RADIO	
9.1 — J87256A-1 L2E & F 9.2 — J87256A-2 L3 & A 9.3 — J87256B-1 L(1) L(1 & A) L(1A & B) L(1, A, B, & C)	May be used as a direct replacement for Item 9.1

TABLE A (Cont)

UNIT DESCRIPTION	COMPATIBLE LISTS OR GROUPS
TL-2 RADIO (Cont)	
9.4 – J87256B-2 L2 & WA 9.5 – J87256C-1 L(1, A, B, & C) L(1, B, & C) 9.6 – J87256C-1 L(2, C, & D)	May be used as a direct replacement for Item 9.3 May be used as a direct replacement for Item 9.5
TM-1 RADIO	
10.1 – J86843A-1 L1 & A 10.2 – J87256A-1 L2E & F 10.3 – J87256A-2 L3A 10.4 – J87256B-1 L(1) L(1 & A) L(1, A, & B) L(1, A, B, & C) 10.5 – J87256B-2 L2 & WA 10.6 – J87256D-1 L1 (Mod A) (B) 10.7 – J87256D-1 L2 & A	May be used as a direct replacement for Item 10.2 May be used as a direct replacement for Item 10.4 May be used as a direct replacement for Item 10.6
TN-1 RADIO	
11.1 – ED-52403-30 G1 11.2 – ED-52403-30 G2 11.3 – ED-52404-30 G49 (See note) 11.4 – ED-52404-30 G50 (See note) 11.5 – ED-52366-30 G1 11.6 – ED-52366-30 G2 11.7 – ED-52447-30 G1 11.8 – J68418F-1 L1 11.9 – J68418G-1 L1 11.10 – J68432A-1 L1 11.11 – J68432B-1 L1 11.12 – J68432C-1 L2 11.13 – J68432D-1 L1 11.14 – J68432D-1 L2 11.15 – J68432E-1 L1 11.16 – J68387AB-1 L4 & 6 11.17 – J68434A-1 L4 & 9 11.18 – J68434A-1 L5 & 9 11.19 – J68434A-1 L6 & 9 11.20 – JR1 11.21 – 75B (–24V) 11.22 – 76B (–24V) 11.23 – 70R (–48V) 11.24 – 70S (–48V) 11.25 – 71S (–48V)	
<p><i>Note:</i> ED-52404-30 G49 and G50 connecting local oscillator assembly (less crystal) <i>only</i> will be available from rotating stock. Groups 1 through 48 will be acceptable to rotating stock; however, "AA" allowance will be based upon G49 or 50 unit value.</p>	

TABLE A (Cont)

UNIT DESCRIPTION	COMPATIBLE LISTS OR GROUPS
400A SWITCHING SYSTEM	
12.1 – ED-51882-30 G1 & A 12.2 – ED-51900-30 G1 12.3 – ED-51901-30 G1 12.4 – ED-51902-30 G1 12.5 – ED-51903-30 G12 & 3 12.6 – ED-51903-30 G12 & 4 12.7 – ED-51903-30 G12 & 5 12.8 – ED-51903-30 G12 & 6 12.9 – ED-51903-30 G12 & 7 12.10 – ED-51903-30 G12 & 8 12.11 – ED-51903-30 G12 & 9 12.12 – ED-51903-30 G12 & 10 12.13 – ED-51903-30 G12 & 11 12.14 – ED-51904-30 G2 12.15 – ED-51905-30 G1 & A 12.16 – ED-51905-30 G2 12.17 – ED-51905-30 G3 12.18 – ED-51905-30 G4 12.19 – ED-51905-30 G5 12.20 – ED-51905-30 G6 12.21 – ED-51905-30 G7 12.22 – ED-51905-30 G8 12.23 – ED-51905-30 G9 12.24 – ED-51906-30 G1 & A 12.25 – ED-51926-30 G1 & A 12.26 – ED-51950-30 G1 12.27 – ED-51951-30 G1 12.28 – ED-51952-30 G1 12.29 – ED-51953-30 G1 12.30 – ED-51954-30 G1 12.31 – ED-51955-30 G1 12.32 – ED-51956-30 G1 12.33 – ED-51957-30 G1 12.34 – ED-51958-30 G1 12.35 – ED-51959-30 G1 12.36 – ED-51960-30 G1 & A 12.37 – ED-51927-30 G2 12.38 – ED-51896-30 G1 12.39 – ED-51897-30 G1 12.40 – ED-51898-30 G1 12.41 – ED-51899-30 G1 12.42 – J68418A-1 L3 12.43 – J68418B-1 L3 12.44 – J68418D-1 L1	

TABLE A (Cont)

UNIT DESCRIPTION	COMPATIBLE LISTS OR GROUPS
400A SWITCHING SYSTEM (Cont)	
12.45 - J68418E-1 L1 12.46 - J68429F-1 L1, A, & 2 12.47 - J68429G-1 L1 & A 12.48 - J68429H-1 L1 & A 12.49 - J68429J-1 L1 & A 12.50 - J68429K-1 L1 & A 12.51 - J68429L-1 L1 & A 12.52 - J68429M-1 L1, A, & 2 12.53 - J68429N-1 L1 & A 12.54 - J68429P-1 L1 12.55 - J68429R-1 L1 12.56 - J68429S-1 L1 12.57 - J68429Y-1 L1 12.58 - 295A 12.59 - 295B 12.60 - 295C 12.61 - 227D 12.62 - 898A	
400B SWITCHING SYSTEM	
13.1 - ED-51903-30 G12 & 2 13.2 - ED-52147-30 G1 13.3 - ED-52149-30 G1 13.4 - ED-52154-30 G1 13.5 - ED-52156-30 G1 13.6 - ED-52157-30 G1 13.7 - ED-52159-30 G1 13.8 - ED-52160-30 G1 13.9 - ED-52161-30 G1 13.10 - ED-52162-30 G1 13.11 - ED-52173-20 G1 13.12 - ED-52175-30 G1 13.13 - ED-52175-30 G2 13.14 - ED-52175-30 G3 13.15 - ED-52175-30 G4 13.16 - ED-52175-30 G5 13.17 - ED-52175-30 G6 13.18 - ED-52175-30 G7 13.19 - ED-52175-30 G8 13.20 - ED-52175-30 G9 13.21 - J68437D-1 L1 & A 13.22 - J68437E-1 L1 13.23 - J68437E-1 L2	

TABLE A (Cont)

UNIT DESCRIPTION	COMPATIBLE LISTS OR GROUPS
400B SWITCHING SYSTEM (Cont)	
13.24 — J68437F-1 L1 & A 13.25 — J68437G-1 L1 13.26 — J68437G-1 L2 13.27 — J68437H-1 L1 13.28 — J68437J-1 L1 13.29 — J68437J-1 L1 13.30 — J68437K-1 L1 13.31 — J68437K-1 L2 13.32 — J68437K-1 L3 13.33 — J68437K-1 L4 13.34 — J68437P-1 L1 13.35 — J68437P-1 L2 13.36 — J68437R-1 L1 13.37 — J68437R-1 L2 13.38 — J68437R-1 L3 13.39 — J68437R-1 L4 13.40 — J68437R-1 L4 13.41 — J68437S-1 L1 13.42 — 295D	