

DATA AUXILIARY SET 811D1 MAINTENANCE

1. GENERAL

1.01 This practice provides maintenance procedures for Data Auxiliary Set 811D1. Test procedures are contained in Data Auxiliary Set 811D1, Test Procedures (Section 598-063-500).

1.02 Schematics and related information are contained in SD- and CD-1D146-01.

2. SERVICE INSTRUCTIONS

2.01 No routine maintenance is required for Data Auxiliary Set 811D1.

2.02 Sets to be held as spare equipment should be tested, tagged, and returned to their original cartons for protection. Spare equipment must be ready for immediate use in case of emergency.

2.03 Sets suspected of being in trouble should be tested as directed in Section 598-063-500. If the data auxiliary set meets requirements and trouble persists:

- (1) Confirm that the associated Data Set 205C2 tests satisfactorily.
- (2) Confirm that customer equipment is operating properly.
- (3) Check all cords and connectors for defects.
- (4) Check for intermittent trouble in station wiring, etc.

2.04 Data auxiliary sets failing to pass test requirements should be replaced. A new data auxiliary set should be tested end-to-end with the far-end equipment before being turned over for customer use.

Note: When replacing a Data Auxiliary Set 811D1, verify that the new set is strapped for the proper options.

2.05 Sets to be returned to the distributing house should be packed carefully (in original cartons, if available) to protect sets in transit. Properly tag defective sets and printed wiring board assemblies and describe the nature of the trouble as completely as possible.

3. REPLACEMENT PROCEDURES

3.01 Component replacements are limited to printed wiring board assemblies removed during test procedures and the replacement of a complete 26A Power Unit assembly. Access to the printed wiring boards is available after the retaining bar has been removed.

3.02 Printed wiring board assemblies are inserted or removed from the data auxiliary set by using a 748A extracting tool. The boards are identified on the set by location (i.e., 01, 03, 011, etc.) and by the type of board (i.e., AR9, AR148, etc.). Reorder boards by using the AR code which is listed in Table A of Data Auxiliary Set 811D1, Identification And Operation (Section 598-063-100).

3.03 The 26A Power Unit may be removed by disconnecting the AC twist-lock connector, power connector P1, and the four retaining screws at the rear of the unit. Reassembly is accomplished in the reverse order.

Warning: Be certain that the ac power cord plug is removed.

3.04 When necessary replacements have been made, be sure that all printed wiring boards are firmly seated in their respective connector plugs. Replace and secure the retaining bar.