

49A1 DATA MOUNTING IDENTIFICATION

1. GENERAL

1.01 This section provides a physical description of the 49A1 data mounting.

1.02 This section is reissued to delete the use of the TEL LINE jacks on the front of the 49A1 data mounting, series 1, and to add the 49A1 data mounting, series 2.

1.03 The 49A1 data mounting, series 1 (Fig. 1 and 2), provides a slotted nest mounting arrangement for up to ten data auxiliary sets (DASs) 831A-L1. This equipment is used in the digital data system (DDS) serving test center (STC) hub office in providing OFF-NET extension service.

1.04 The subrate OFF-NET extension consists of an analog link via a 4-wire private line circuit from the customer premises to a DDS STC hub office using data sets 201C, 208A, or 209A. DAS 831A serves as a buffer between the data set and the 500A data service unit (DSU) at the input of the DDS network.

2. DESCRIPTION

2.01 The 49A1 data mounting consists of a 23-inch rack equipped with mounting brackets, a printed wire backplane, and permanently attached interface connectors. Physical dimensions are 6.9 inches high, 22.9 inches wide, and 11.8 inches deep. Weight is 11.5 pounds empty.

2.02 Ten 25-pin connectors located on the rear of the backplane provide means for connection to the TELE connector of the hub office data sets. The connection is made with an M25A cord. A single 50-pin connector, also on the rear of the

backplane, permits connection to the 46D1 data mounting for interconnection to the analog channel.

2.03 Early production versions of the 49A1 data mounting (series 1) are equipped with ten pairs of TEL LINE jacks that appear on the front. On later production versions of the 49A1 data mounting (series 2, or higher), the ten pairs of TEL LINE jacks have been replaced with a blank panel.

3. REFERENCES

3.01 For additional information relating to the DDS OFF-NET extension and the 49A1 data mounting, refer to the following documents:

SECTION	TITLE
314-919-100	Digital Data System Subrate OFF-NET Extension Arrangement—Description
314-919-180	Data Auxiliary Set 831A-Type—Summarizing Specification—Data System
314-919-200	Digital Data System Subrate OFF-NET Extension Arrangement—Installation and Connections
314-919-300	Digital Data System Subrate OFF-NET Extension Arrangement—Maintenance
314-919-500	Digital Data System Subrate OFF-NET Extension Arrangement—Test Procedures

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