

DATA AUXILIARY SET 806B-TYPE IDENTIFICATION

1. GENERAL

1.01 This section contains identification information on Data Auxiliary Set (DAS) 806B-type (Fig. 1).

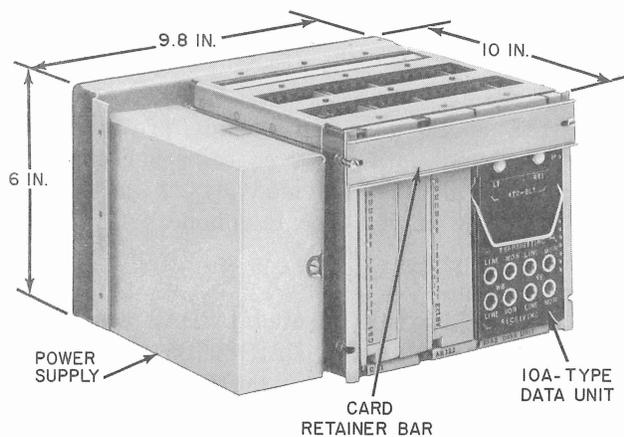


Fig. 1—Data Auxiliary Set 806B-Type

1.02 This section is reissued to add information on DAS 806B5, 806B6, and 806B7. DAS 806B3 and 806B4 are Manufacture Discontinued and are replaced by codes DAS 806B6 and DAS 806B7, respectively. DAS 806B6 and DAS 806B7 are equivalent to DAS 806B3 and 806B4, respectively, except that the capability for a voice line appearance is provided at the voiceband data set connector.

1.03 Due to the extent of the changes in this section, change arrows have been omitted.

1.04 For a detailed description of the operation of DAS 806B-type, refer to CD- and SD-1D097-01.

1.05 DAS codes 806B1, B2, B6, and B7 are designed for use in wideband data stations using Data

Set (DS) 303-type. Code 806B5 is designed for use in wideband stations using DS 301B-type.

1.06 Features which are common to all codes are:

- (1) Monitoring and terminating jack arrangements for test access on two wideband and two voiceband lines
- (2) Means for looping data transmit leads to data receive leads for local test of associated data sets
- (3) Interfacing with lines and interconnection of associated sets

1.07 DAS 806B-type provides various coordinating functions. The functions corresponding to the various codes are as follows:

806B1—Provision for test access to lines and local test

806B2—Provision for test access to lines and for remote and locally controlled testing

806B5—Provision for test access to lines, remote and locally controlled testing, line sealing current, and a modified customer interface

806B6—Provision for test access to lines, local test, and voiceband coordination channel

806B7—Provision for test access to lines, voiceband coordination channel, and remote and locally controlled testing

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1.08 Test access to lines and local test is provided in the 10A1 Data Unit. DAS's providing remote test, in addition to test access to lines and local test, use the 10A2 Data Unit. Codes equipped with the 10A2 Data Unit also contain CP AR122 which is a 2800 Hz detector and timer.

1.09 Voiceband coordination capability for a station using DS 303-type is provided by CP CS1 when DAS 806B3 or B4 is used, and CP CS3 when DAS 806B6 or B7 is used.

1.10 In DAS 806B5, CP CS3 is replaced by the 14A2 Data Unit. The 14A2 Data Unit provides a modified customer interface, and, in conjunction with CP AR122, provides remote test capability for DS 301B-type.

2. DESCRIPTION

2.01 The DAS weighs approximately 16 pounds and has external dimensions of 9.8 inches wide, 6 inches high, and 10 inches deep.

2.02 Power (117 vac, 60 Hz) is fed to the 26A Power Unit by a P-95M028 three-conductor cord.

DATA SET 303-TYPE STATION

2.03 For a 303-type station arrangement, the DAS can be mounted individually on a 19-inch relay rack or adjacent to a DS 404 in a KS-20018 cabinet (Fig. 2) or on a 23-inch or 25-inch relay rack.

2.04 The DAS is connected to DAS 804A-type by a D50R-61 Cord provided with DAS 804A1, to DS 404B1 by a M14C Cord provided with DS 404B1, and to DS 303-type by a P-10H099 Cable provided with DS 303-type. When a DS 404B1 is

provided, a four-conductor cord from DS 404B1 takes power (± 18 vdc) from DAS 806B-type to DS 404B1. Another four-conductor cord from DAS 806B-type takes dc power from DS 404B1 back to DAS 806B-type. When DS 404B1 is not provided, the four-conductor cord from DAS 806B-type plugs into the interface of DAS 806B-type.

2.05 DAS 806B1, B2, B6, and B7 description, installation, maintenance, and test information is contained in sections covering the Wideband Data Station Using Data Set 303-Type (593-800-Division Layer).

DATA SET 301B-TYPE STATION

2.06 DAS 806B5 does not include provision for voiceband data on a coordination channel. Talking capability is provided by an associated DAS 804M-type or 500-type telephone set.

2.07 DAS 806B5 is connected to DAS 804M-type by a M25E Cord. DAS 806B5 is equipped with a KS-19402 L1 connector on the end of a cable which is plugged into the CUST EQUIP connector on the data set. Another connection between the DAS and data set is by way of a W9A Cord furnished as a part of the data set. The business machine cord plugs into a KS-19401 L1 connector on the rear of the 14A2 Data Unit.

2.08 DAS 806B5 can be mounted in a KS-20018 L6 cabinet (Fig. 3). It can also be mounted on a 23-inch or 25-inch relay rack with the DS 301B-type resting on a KS-20130 L6 shelf. The DAS and data set must be mounted in such a manner to permit connection by a three-foot cable.

2.09 DAS 806B5 description, installation, maintenance, and test information is contained in sections covering Data Set 301B-Type (593-011-Division Layer).

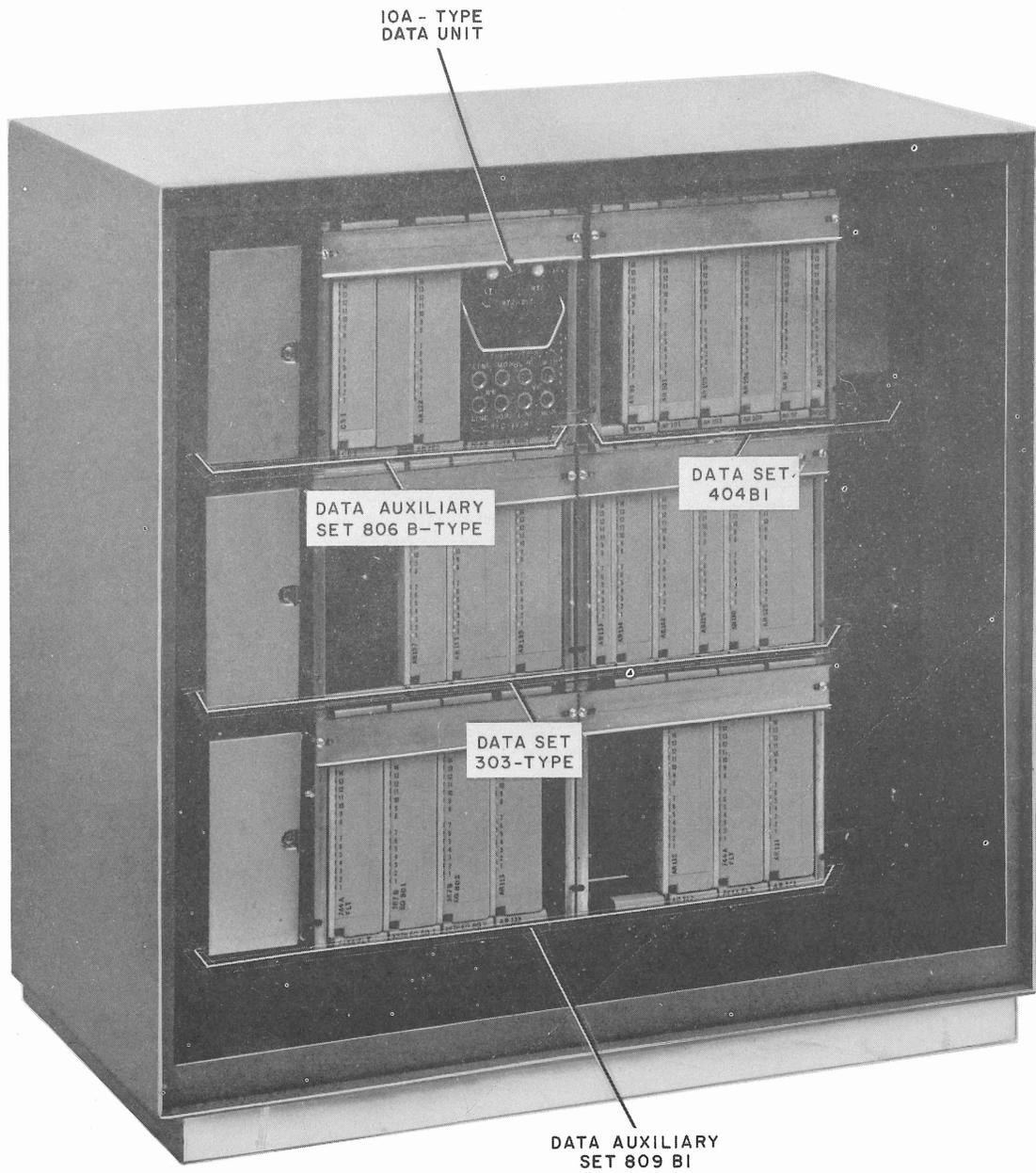


Fig. 2—Data Auxiliary Set 806B-Type, Location in KS-20018 L3 Cabinet

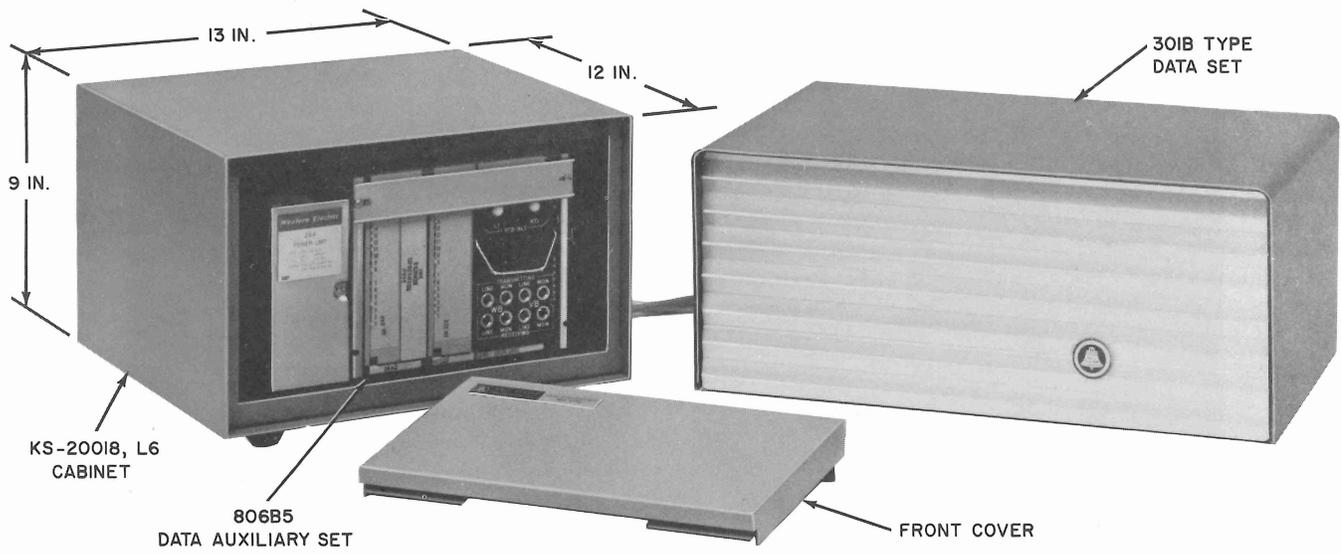


Fig. 3—Data Auxiliary Set 806B5 Mounted in KS-20018 L6 Cabinet and Data Set 301B-Type