

**DATA SETS 108D- AND 108E-TYPES**  
**SINGLE PRIVATE LINE STATION ARRANGEMENT**  
**USING DATA AUXILIARY SET 820D**  
**DESCRIPTION AND OPERATION**

**1. GENERAL**

- 1.001** This addendum is issued to supplement Section 591-028-101, Issue 1.
- 1.002** This addendum is issued to include information pertaining to the use of data auxiliary set (DAS) 830C with the DAS 820D-type.

**2. CHANGES TO SECTION**

- 2.001** On Page 1, add paragraph 1.03.1 as follows:
- 1.03.1** The DAS 820D can be used with a DAS 830C to provide a 3- or 4-wire, 20-mA neutral current interface. For a detailed description of DAS 830C, refer to Section 598-083-103.
- 2.002** On Page 4, change the subheading for paragraph 3.02 as follows: DAS 820D Interface to Data Set.
- 2.003** On Page 4, change the subheading for paragraph 3.03 as follows: DAS 820D Interface to Data Terminal or DAS 830C.
- 2.004** On Page 4, revise paragraph 3.03 as follows:
- 3.03** The interface toward a data terminal (or DAS 830C) can be a neutral current or EIA voltage interface. The type of interface is an option in the AR17 circuit pack and must be selected at the time of installation. If the DAS 830C is used, the AR17 circuit pack *must* be equipped with the EIA interface option.

- 2.005** On Page 4, add paragraph 3.03.1 as follows:

**3.03.1** The current interface provided by the AR17 circuit pack does not conform to any technical reference interface specification. However, the DAS 820D/830C arrangement provides a 20-mA neutral current interface that conforms to the requirements of the technical references entitled 30-Baud Private Line Channels Interface Specifications and 45-, 55-, and 75-Baud Private Line Channels Interface Specifications.

- 2.006** On Page 4, revise paragraph 3.04 as follows:

**3.04** The EIA voltage interface can be used with the DAS 830C or customer-provided terminals (CPTs) and Bell System TTYs that require an EIA interface. The interface between the DAS 820D and the data terminal or DAS 830C includes the following leads:

- 2.007** On Page 4, after subparagraph 3.04(c), add the following note:

*Note:* Not used by DAS 830C.

- 2.008** On Page 5, after subparagraph 3.04(d), add the following note:

*Note:* One end of this lead is connected in the DAS 830C EIA connector and the other end is taped and stored inside the DAS 830C housing.

- 2.009** On Page 5, after subparagraph 3.04(e), add the following note:

*Note:* Not used by DAS 830C.

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**ADDENDUM 591-028-101**

**2.010** On Page 5, after subparagraph 3.04(f), add the following note:

*Note:* Not used by DAS 830C.

**2.011** On Page 5, after subparagraph 3.04(g), add the following note:

*Note:* Not used by DAS 830C.

**2.012** On Page 5, after subparagraph 3.04(i), add the following note:

*Note:* Not used by DAS 830C.

**2.013** On Page 5, revise subparagraph 3.04(j) as follows:

(j) **Power (+P):** +24 volts from DAS 820D for telephone company use only (provides power to DAS 830C, when used).

**2.014** On Page 5, add subparagraph 3.04 (k) as follows:

(k) **Power (-P):** -24 volts from DAS 820D for telephone company use only (provides power to DAS 830C, when used).

**2.015** On Page 5, after subparagraph 3.07(a), add the following note:

*Note:* The current interface provided by AR17 does not conform to any technical reference interface specification.

**2.016** On Page 7/8, add the following:

CD- & SD-1D250-01 Data Systems Station—Data Auxiliary Sets 830A, 830B, and 830C-Type

598-083-103 Data Auxiliary Set 830C-Type Description, Installation, and Test Procedures

**2.017** On Page 9, Fig. 5, revise the CUSTOMER-PROVIDED TERMINAL OR TELETYPEWRITER block as follows: TTY, CPT, OR DAS 830C (NOTE 5 AND 6).

**2.018** On Page 9, Fig. 5, add Note 5 as follows:

5. WHEN DAS 820D IS USED WITH DAS 830C, AR17 CP MUST BE EQUIPPED WITH OPTION W (EIA INTERFACE).

**2.019** On Page 9, Fig. 5, add Note 6 as follows:

6. LEADS 1, 4, 5, 6, AND 12 ARE NOT USED BY DAS 830C. ONE END OF LEAD 8 IS CONNECTED IN THE DAS 830C EIA CONNECTOR AND THE OTHER END IS TAPED AND STORED IN THE DAS 830C HOUSING.