OVERALL LINEUP
TWO-WIRE REPEATERED NONLOADED PBX-CO TRUNK
WITH NETWORK AT PBX

1. GENERAL

1.001 This addendum supplements Section 311-240-501, Issue 3.

1.002 This addendum is issued to:

(a) Correct test set switch settings in Step 3 of Part 7

(b) Correct network values in Step 1 of Part 8

(c) Correct test set switch setting in Step 2 of Part 8.

(d) Change Step 6 of Part 8

7. INSTALLATION AND LINEUP OF 837D NETWORK

The following change applies to Part 7 of this section:

(a) 7.01, Step 3, switch settings—revised

STEP	PROCEDURE
3	▶S3 to 900Ω 2MF for 837C and 837D when used with 900Ω. S3 to EXT NET for 837D when used with 600Ω. Connect a 600Ω plus 2.16-μF termination to the EXT NET jacks.◀

8. FINAL ADJUSTMENT OF 830C NETWORK

The following change applies to Part 8 of this section:

(a) 8.01, Steps 1, 2, and 6—revised

STEP	PROCEDURE
1	Request that a termination be placed on the trunk at the PBX end depending on PBX impedance: 900-ohm resistor in series with 2.16-μF capacitor for 900-ohm PBX, 600-ohm resistor in series with 2.16-μF capacitor for 600-ohm PBX. A 4125A ▶network (900 ohms + 2.16μF) or 4125B network (600 ohms + 2.16-μF)◀ may be used to terminate the link.

STEP	PROCEDURE
2	Remove the appropriate E6 repeater from the shelf. Loosen the four screws on the NETWORK A side of the repeater and remove the 832B network. Replace the 832B network with the 832A dummy network and insert the repeater into the 54B test stand as instructed in Step 4 of Part 5. Set switch of S1 on the 54B test stand to ▶RL LINE B◀ and switch S2 to neutral. Rotate the turret of the 54B test stand so that the adjustable resistors on the 830C network are easily accessible.
6	▶(j) Readjust the value of inductance as instructed in (d). (m) Readjust the value of inductance as instructed in (d). (q) If the return loss in the 500- to 2500-Hz range is greater than that in the 2000- to 3000-Hz range, no further adjustment is necessary. If the indicated return loss in the 500- to 2500-Hz range is less than that in the 2000- to 3000-Hz range (with switch S1 in the 500-2500 position), decrease the value of inductance on 0.05-mH steps until the return loss in the 500- to 2500-Hz range is greater. Repeat (o) and (p) for optimum results.◀