DIGITAL TRANSMISSION SYSTEMS
T1 DIGITAL LINE
FAULT-LOCATING PROCEDURES

1. GENERAL

1.001 This addendum supplements Section 365-227-500, Issue 4.

1.002 This addendum is issued to lower the noise limit for the fault-locate pair and to correctly match the 206 regulator indication and the powering trouble in Table A. Additions (shaded areas) were also made to Table A.

3. PREPARATION

The following change applies to Part 3:

(a) Requirement and note of Step 6—revised

Requirement: No more than 14 dBrnc.

Note: Noise in excess of 14 dBrnc on the fault-locate pair impedes testing and should be reported to supervision. A widely varying reading indicates an oscillating line.

4. POWER LOOP TEST

The following change applies to Part 4:

(a) Table A—revised

TABLE A

POWERING TROUBLE INDICATIONS AT 206 REGULATOR

INDICATION	PROBABLE CAUSES
206 Regulator Voltage High	Defective power regulator in line repeater
	Incorrect power option selected in line or office repeater
	Cable tip or ring leakage path to ground: 206B, F, J, or M repeater
206 Regulator Voltage Low	Defective power regulator in line repeater
	Incorrect power option in line or office repeater
	Cable tip or ring leakage path to ground: 206A, E, H, or L repeaters
	Cable tip or ring leakage path to ground: 206B, F, J, or M repeater connected to both + and − supplies
	Cable tip or ring open