

VOICE BANDWIDTH PRIVATE LINE DATA CIRCUITS TRANSMISSION REQUIREMENTS

1. GENERAL

1.001 This addendum supplements Section 314-410-500, Issue 6. Place this pink sheet ahead of Page 1 of the section.

2. CHANGES TO SECTION

2.001 On Page 3, Tables B, C, and D are obsolete. The new Tables B, C, and D are shown in this addendum.

2.002 On Page 4, Table F, add a note at the bottom to read as follows:

Note: Phase jitter requirements are given in mileage bands for use at test positions. Phase

jitter requirements for carrier facilities are given in Section 356-022-504 and are determined by the number of modulation steps. In the case of a conflict, the requirements given in Section 356-022-504 shall take precedence.

2.003 On Page 5, Table H, in the Type column, third entry from top, add A-Carrier followed by an asterisk symbol. Add a footnote at the bottom of Table H as follows:

* "A" Carrier is considered to be an L or R Channel.

2.004 On Page 8, Table M, change the limit for Dropouts to read " ≤ 2 in 15 min. ≥ 12 dB" in each category of mid link, end link, and end-to-end.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

TABLE B

C-NOTCHED NOISE REQUIREMENTS
FOR MIXED-COMPANDORED/
NONCOMPANDORED FACILITIES
(SEE NOTES)

CIRCUIT LENGTH (MILES)	dBrncO	
	N1, ON D1A, D1B CARRIER	N2, N3, N4 D2, D3, D4 CARRIER
0-100	48	41
101-200	48	42
201-400	48	42
401-1000	48	43
1001-1500	48	43
1501-2500	48	45
2501-4000	49	45
4001-8000	50	48
8001-16000	52	50

Note 1: For noncompandored facilities use Table C. For mixed compandored/noncompandored facilities or compandored only, use Table B.

Note 2: Standard circuits should have at least a 24-dB Signal-to-C-Notched Noise ratio. "D"-conditioned circuits should have at least a 28-dB Signal-to-C-Notched Noise ratio.

TABLE C

C-NOTCHED NOISE REQUIREMENTS
ON NONCOMPANDORED FACILITIES ONLY

CIRCUIT LENGTH (MILES)	NOISE MEASUREMENT (dBrncO)
0-100	32
101-200	34
201-400	35
401-1000	38
1001-1500	39
1501-2500	41
2501-4000	43
4001-8000	46
8001-16000	49
Satellite	44*

* Add Satellite link to land link using sum of powers.

TABLE D

MAXIMUM ALLOWABLE IMPULSE
COUNTS (15-MINUTE PERIOD) (NOTE)

COUNTER CIRCUIT	MAXIMUM COUNTS
1 Threshold	15
2 Threshold + 4 dB	9
3 Threshold + 8 dB	5

Note: The threshold for use at the customer premise is 71 dBrncO overall. The threshold for use on end links is 67 dBrncO. For mid link tests, use the threshold given in Table E on a mileage basis.