SYSTEMS DATA
VIA NET LOSS FACTORS (VNLF)

TABLE I

FACILITY	VIA NET LOSS FACTOR (dB per mile)		
Toll Cable (Quadded-Low Capacity)	2-Wire Circuits	4-Wire Circuits	
19H172-63, 16H172-63	.04	.020	
19B88-50	.04	.020	
19H88-50	.03	.014	
19H44-25, 16H44-25	.02	.010	
V.F. Open Wire (Side and Phantom)	.01	—	See Table II
Carrier (Cable, Open Wire)	—	.0015	
H88&D88 Exchange Type Cable	.04	.017	

TABLE II

Expected Measured Loss Values to be Assigned to Any Intertoll Trunk Operating on All Carrier Facilities in the DDD Netork

TRUNK LENGTH-MILES (Note 1)	INSERTED CONNECTION LOSS (ICL) (.0015 x Av. Length + 0.4 dB)	EXPECTED MEASURED LOSS (EML) (VNL + 4)
0-165	0.5	4.5
166-365	0.8	4.8
366-565	1.1	5.1
566-765	1.4	5.4
766-965	1.7	5.7
966-1165	2.0	6.0
1166-1365	2.3	6.3
1366-1565	2.6	6.6
Any length equipped with echo suppressor	0.0	4.0 (Note 2)

Note: These values correspond to automatic test frame class marks

Note 1: The average or midlength in each interval corresponds to the ATTC class mark. The maximum length corresponds to a point midway between class marks.

Example: Midlength point 166-365 mi. is 266 mi.
(.0015 x 266) + 0.4 = 0.8 dB (ATTC class mark)

Also: Maximum length (365 mi. x .0015) + 0.4 = 0.95 dB (Midway point between 0.8 and 1.1 dB class mark)

Note 2: Trunks terminating at either end in a No. 4 Type Switching System where the A pad value is 7 dB must have an EML of 4.5 dB.