

PRIVATE LINE TELEPHONE SERVICE  
SPECIAL MULTISTATION SYSTEMS  
PERIODIC TEST INTERVALS

1. GENERAL

1.01 This section specifies the initial and periodic tests which should be made on the special private line multistation circuits described in Section 310-400-100. The methods of making the various tests and adjustments on these circuits are described in Section 310-400-500.

1.02 The primary purpose of these tests is to insure proper over-all circuit line-up and adjustment. This will include measurements made from station locations as well as measurements made entirely within the telephone central office.

1.03 The individual amplifiers associated with these multistation circuits, both at the stations and at the central office, should be main-

tained in accordance with existing instructions. When the 124B Amplifiers are used they should be maintained in accordance with other sections of these practices. When the Langevin Amplifiers (KS-12086 L1) are used, the manufacturer's installation and service manual should be employed.

2. SUMMARY OF TESTS

2.01 Table 1 lists the tests to be made on special multistation private line telephone circuits and gives suggested testing intervals. Also for each test listed, a corresponding reference paragraph number in Section 310-400-500 is given for the testing methods and requirements to be employed.

TABLE 1  
SUMMARY OF TESTS  
SPECIAL MULTISTATION PRIVATE LINE TELEPHONE CIRCUITS

TYPE OF TEST	TESTING INTERVALS		PARAGRAPH REFERENCE FOR METHODS AND REQUIREMENTS SECTION 310-400-500
	INITIALLY	PERIODICALLY	
<b>(A) One-Way Speech Multistation Circuits</b>			
(1) Over-All Transmission Measurements — 1000 cps	X	Semiannually	2.03
(2) Central Amplifier Tests — 1000 cps		Monthly	2.05
(3) Over-all Talking Tests	X	Semiannually	2.10 and 2.11
<b>(B) Two-Way Speech Multistation Circuits</b>			
(1) Over-All Transmission Measurements — 1000 cps	X	Semiannually	3.05, 3.06 and 3.07
(2) Central Amplifier Tests — 1000 cps		Monthly	3.09
(3) Over-All Talking Tests	X	Semiannually	3.15
(4) Over-All Signaling Tests	X	Semiannually	3.16
(5) Station Amplifier Test — Grouping Position	X	Quarterly	3.10, 3.11 and 3.12