

CIRCUIT ORDER TEST RESULTS
Forms for Recording
Private Line and Special Service
Test Results

1. GENERAL

101.1 This Addendum is reissued to update references. The Addendum describes Form SW-2545A which is used for recording Special and Private Line Circuit Order Test results. Distribution of form is also covered in this Addendum.

2. DESCRIPTION AND USE OF FORM SW-2545A

201.1 Form SW-2545A shall be used by all STC's on all Private Line Circuit Order or System Service Order work. A separate form shall be prepared for each circuit. Make only the entries significant to the circuit under test. The SW-2545A is self-explanatory and has a partial list of B.S.P.'s on the reverse side covering most required tests. (See Exhibit 1.)

201.2 Each STC shall keep a copy of this form on all new circuits installed, as well as all rearrangements involving transmission changes.

3. DISTRIBUTION OF FORM SW-2545A

301.1 A copy of Form SW-2545A shall be signed by the supervisor responsible for the test results. A copy of the form shall be filed in the office making the tests, and the Division and Area office, if desired, may require each STC to forward a copy of SW-2545A for their review.

No Private Line Order, or System Service Order can be considered complete until forms, as required, have been forwarded.

301.2 All applicable results shall be recorded on the appropriate Form SW-2545A at the time the Circuit Order Tests are made.

301.3 Copies of Form SW-2545A may be obtained in the regular manner on Stationery Requisition (S9327A-E).

EXHIBIT 1

FORM SW-2545A

PRIVATE LINE AND SPECIAL SERVICE
CIRCUIT ORDER COMPLETION TESTS

SW-2545A
SW (71)

ORDER NO. _____ DATE _____ OFFICE _____

CIRCUIT NO. _____ TELEPHONE NO. _____ DISTRICT _____

CARRIER LEVELS - LEG-1 SYS _____ CH _____				WHITE NOISE AT STA		
N E A R	MOD IN	F	MOD IN	LOC.	DBRN-O	CHARACTER
	DEM OUT	A	DEM OUT			
CARRIER LEVELS-LEG-2 SYS _____ CH _____						
N E A R	MOD IN	F	MOD IN			
	DEM OUT	A	DEM OUT			

NEAR END OFFICE LOSS						IMPULSE NOISE		
OFFICE WIRING - TERM SETS - PADS - COILS - ETC.						SHOW TEST LEVEL POINT _____		
ITEM	LEVEL	DEV.	ITEM	LEVEL	DEV.	LOCATION	ATT.	COUNT
EQPT. IN			EQPT. IN					
EQPT. OUT			EQPT. OUT					
ITEM			ITEM					
EQPT. IN			EQPT. IN					
EQPT. OUT			EQPT. OUT					

LOOP LOSS - STATION TO STC					GAIN DEVICES			
ACTUAL MEAS LOSS			DEV FROM EML		LOCATION	TYPE	REQ'D GN	MEAS'D GN
LOCATION	SEND	REC	SEND	REC				

SIGNALING - OVERALL						SINGING POINT - ECHO RET. LOSS			
EQPT NEAR			EQPT NEAR			4- WIRE TERM SET - HYBRID			
SENDING NEAR	REC FAR	SENDING FAR	REC NEAR	TYPE	LOCATION	S.P.	E.R.L.		
PPS	%BK	%BK	PPS						

OVERALL MEASUREMENTS STA TO STA									
SEND NEAR TLP-	REC	FAR	TLP-	SEND FAR TLP-	REC	FAR	TLP-		
STATION LOCATION →				STATION LOCATION →					
F	1000	Hz		F	1000	Hz			
F1		Hz		F1		Hz			
F2		Hz		F2		Hz			
F3		Hz		F3		Hz			
F4		Hz		F4		Hz			
IF FULL FREQ. ATT. READINGS ARE REQUIRED - ATTACH READINGS									

DELAY DISTORTION									
SEND NEAR		MICROSECONDS			SEND FAR		MICROSECONDS		
Hz	TO	Hz	REC. DELAY	MAX. ALW'D	Hz	TO	Hz	REC. DELAY	MAX. ALW'D
	TO					TO			
	TO					TO			
	TO					TO			
	TO					TO			

COAM TONE EQPT. TYPE -				THIS CKT. ENTERED IN:			
NUMBER OF TONES -	DBM.	DEV.	OFFICE ROUTINE RECORDS				
LEVEL OF EACH TONE AT STATION			OFFICE TRANSMISSION RECORDS				
TOTAL OUTPUT ALL TONES AT STA.			STATION INSPECTION RECORDS				
REF. LV. EACH TONE AT STC.							
SIGNED _____				CRAFTSMAN _____			
				SUPERVISOR _____			

EXHIBIT 1 (CONT.)

FORM SW-2545A (REVERSE)

SERVICE ORDER TESTS

1. 2-Point Telephone (FP, FX, etc.)
BSP 310-300-500
 - A. Net Loss Measurement - Pgh. 3.01, 3.02, 3.03
 - B. Frequency Response Measurement - Pgh. 4.01, 4.02, 4.03
 - C. Noise Measurement - Pgh. 5.01, 5.02, 5.03
2. Multi-Point Telephone
BSP 310-405-500
 - A. Part 6(C) - Transmission Tests on Central Office Equipment
 - B. Part 6(D) - Tests between STC and Station
 - C. Part 6(E) - Over-all Tests
3. FAA and (others) Remote Control Circuits - 2-Point
BSP 310-305-500
 - A. Net Loss Measurements - Pgh. 4.01 to 4.04
 - B. Frequency Response Measurements - Pgh. 5.01 - 5.03
 - C. Customer Equipment Output Power Measurements - Pgh. 7.01 - 7.02
 - D. Noise Measurements - Pgh. 6.01 - 6.02
4. FAA Multi-Point Telephone
BSP 310-410-500
 - A. Part 3(A) Central Office Tests
 - B. Part 3(B) Branch and Loop Tests
 - C. Part 3(C) Interbridge Section
 - D. Part 3(D) Over-All Tests
5. PBX Tie Trunks
BSP 311-350-100 Table A
BSP 311-350-500
 - A. Through Balance Measurements
 - B. Terminal Balance Measurements
 - C. Over-All Measurements (310-300-500)
 - D. Pulsing Tests 534-364-501SW
6. Schedule 4 Data Circuits
BSP 314-410-500
 - A. Part 4(C) Circuit Section Tests
 - B. Part 4(D) Local Channel, Major Circuit Section and Over-All Circuit Tests
7. SS-1 Selective Signaling Equipment
BSP 480-621-501
8. PBX C.O. Trunks BSP 311-100-501
9. Envelope Delay Distortion Tests BSP 103-111-100
10. Loop Tests for Data Service BSP 314-850-500
11. Singing Point Tests BSP 332-015-300
12. Common Control Switching Arrangement BSP 309-200-300
13. Data-Phone Service - BSP 314-205-500
14. Pulsing Tests BSP 534-364-501SW