

REMOTE SWITCH CALL THROUGH TESTS
 USING THE PRIMING SET

CONTENTS

- | | |
|------------------------|----------------------------|
| 1. GENERAL INFORMATION | 4. INTRAREMOTE SWITCH CALL |
| 2. TEST EQUIPMENT | 5. SOG TEST CALL |
| 3. PREPARATION | |

1. GENERAL INFORMATION

- 1.1 This section provides tests at the remote office using the Priming Set (SD-27873-01) in conjunction with the Trunk Test Register (SD-27881-01) located in the control office.
- 1.2 This test requires the use of an audio pair to the Control office and an associated Remote Switch WB appearance.
- 1.21 The WB line Control circuit (SD-27903-01) in the control office associated with the Line Link frame on which the audio pair are assigned must have the WVA to RLN and L---- to R-- cross-connections provided for the Remote Switch being used.
- 1.3 This section should be repeated using all Remote Switch Units.

2. TEST EQUIPMENT

<u>Amt</u>	<u>Code</u>	<u>Description</u>
(T) 1	J24763A	Priming Set
(T) 1	--	Picturephone Station Set

(T) Obtain from the Telephone Company.

3. PREPARATION

- 3.1 Provide access of the audio pair to the control office at the Remote Switch.
- 3.2 Connect the transmit, receive, and audio pairs of the picturephone set to the Remote Switch video appearance selected in Paragraph 1.2 and the audio pair from the control office.
- 3.3 Locate the Priming Set (J24763A) at the Remote Switch.

- 3.4 Patch the test cord from the Priming Set to the TST socket on the Remote Switch. Lamp ST lights if battery and ground polarity is correct.
- 3.5 Patch the HS headset into the TA and TB jacks of the Priming Set.

4. INTRAREMOTE SWITCH CALL

- 4.01 Set the 1-15 and A-E switches on the Priming Set as shown in the Test Chart for Test 1.

NOTE: See Section 801H to determine the priming information for the individual switch settings if not specified on the test chart.

- 4.02 Operate key ST (Depressed). Lamp TC momentarily lights indicating the Access Test Line was seized, lamp PLS lights for the duration of pulsing, and lamp EP lights to indicate end of pulsing.
- 4.021 Priming Set should automatically provide a bypass signal for the numbered switches in the OFF position and a start pulse for the first lettered switch in the OFF position.

- 4.03 The connection is established to the picturephone station set.
- 4.031 Ringing heard at headset and the picturephone station set.
- 4.032 If there is a failure to set up the required linkage, the signals shown in Table A indicate why the call was blocked.

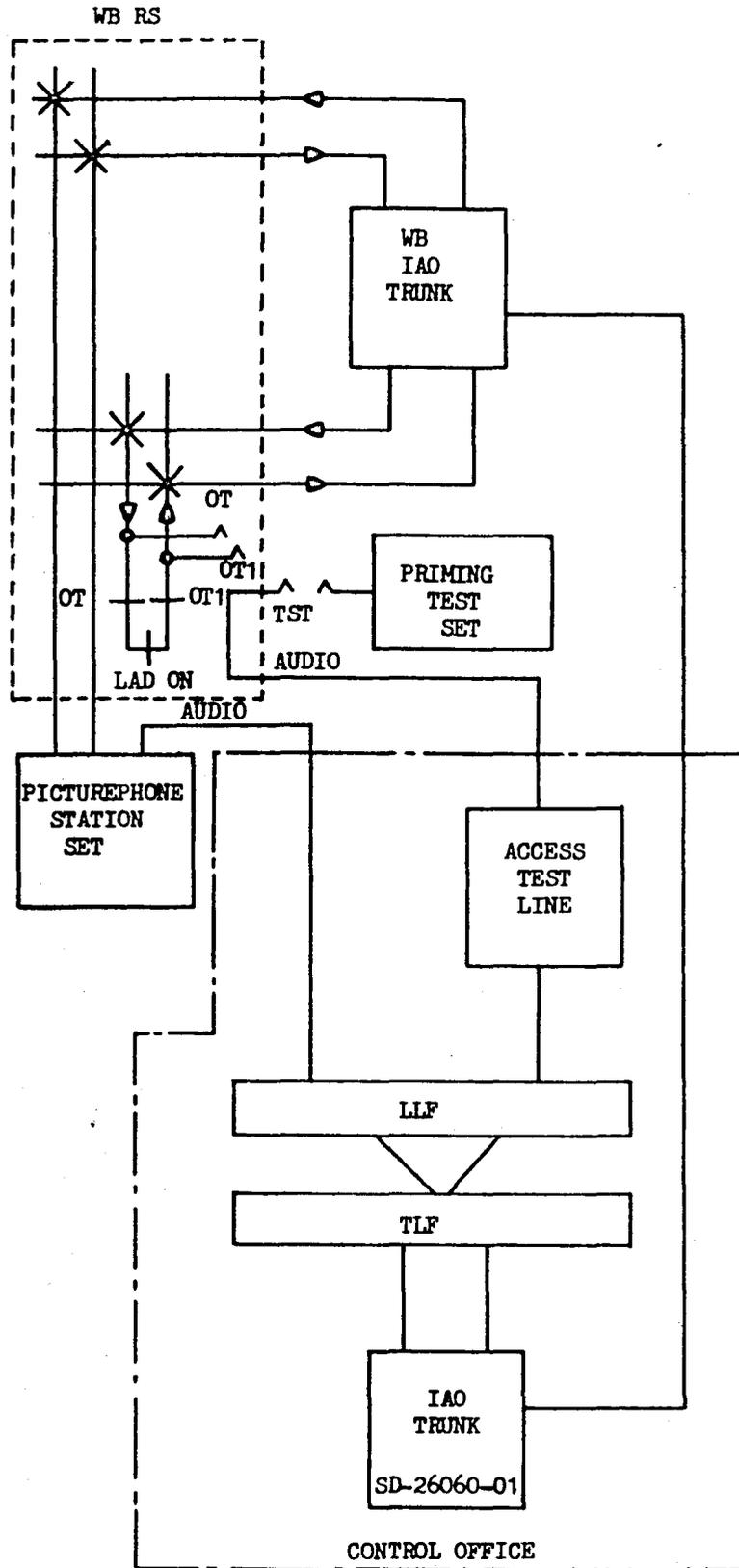
TABLE A

SIGNAL HEAD	CONDITION
Steady High Tone	Test Line Busy
60IPM alternating High & Low Tone	Test Register Busy
120IPM alternating High & Low Tone	Test Register Trouble
120 IPM Low Tone	Marker, Sender, Trunk Busy
60IPM Low Tone	Customer Line Busy
4.04	Answer the picturephone station set. Self is viewed on the screen.
4.05	Verify audio transmission.
4.06	Release key ST (Depress for Second time) and restore picturephone set to "on-hook".
4.07	Repeat paragraphs 4.01 through 4.06 for each equipped Intraremote Switch Trunk. Switches 8, 9, and 10 are used to select the associated audio trunks.
4.08	Repeat paragraphs 4.1 through 4.7 with switch 11 set to position 2.
4.09	Repeat Paragraphs 4.1 through 4.6 with 13 set to position 3. Verify that no ringing is heard at station set.
4.10	Remove the picturephone station set connections.
5.	<u>SOG TEST CALL</u>
5.1	<u>To 100 Type Test Line in Control Office</u>
5.11	Set the 1-15 and A-H switches on the Priming Set as shown on the Test Chart for Test 2. NOTE: Set switches A-G for the assigned directory number of a 100 type WB Test Termination (SD-1C275-01).
5.12	Temporarily wire 309 plugs to the transmit, receive, and audio pairs of the picturephone station set.
5.13	On the Remote Switch Unit, patch the transmit pair into Jack OT1, receive pair into jack OT, and the audio pair into jack AUD. Relay ACI operates.
5.14	At the station set, remove receiver in order to listen for tones.
5.15	Operate key ST. Lamp TC momentarily operates, lamp PLS lights during pulsing and lamp EP lights to indicate end of pulsing.
5.16	The connection is established, the picturephone set becomes bright, and a 10 second burst of one milliwatt tone is heard in receiver.
5.161	See Figure 2 for final connection.
5.17	Release key ST. Connection is released.
5.18	Repeat Paragraphs 5.11 through 5.17 with switch 14 set to positions 1-9.
5.2	<u>To WB Remote Switch Terminating Test Line</u>
5.21	Set switch 14 to "off" and switches A-G for the assigned directory number of the WBRS TTL (SD-27930-01).
5.22	Station set should be "off hook".
5.23	Operate key ST. Lamp TC momentarily operates, lamp PLS lights during pulsing, and lamp EP lights to indicate end of pulsing.
5.24	The connection is established, hightone heard and a thin line appears across screen for 5, 10, 15, 20, or 25 seconds (optional), and then self is viewed on screen (loop back)
5.291	See Figure 3 for final connection.
5.25	Release key ST. Connection is released.
5.26	Remove all test connections.

ATTACHMENTS

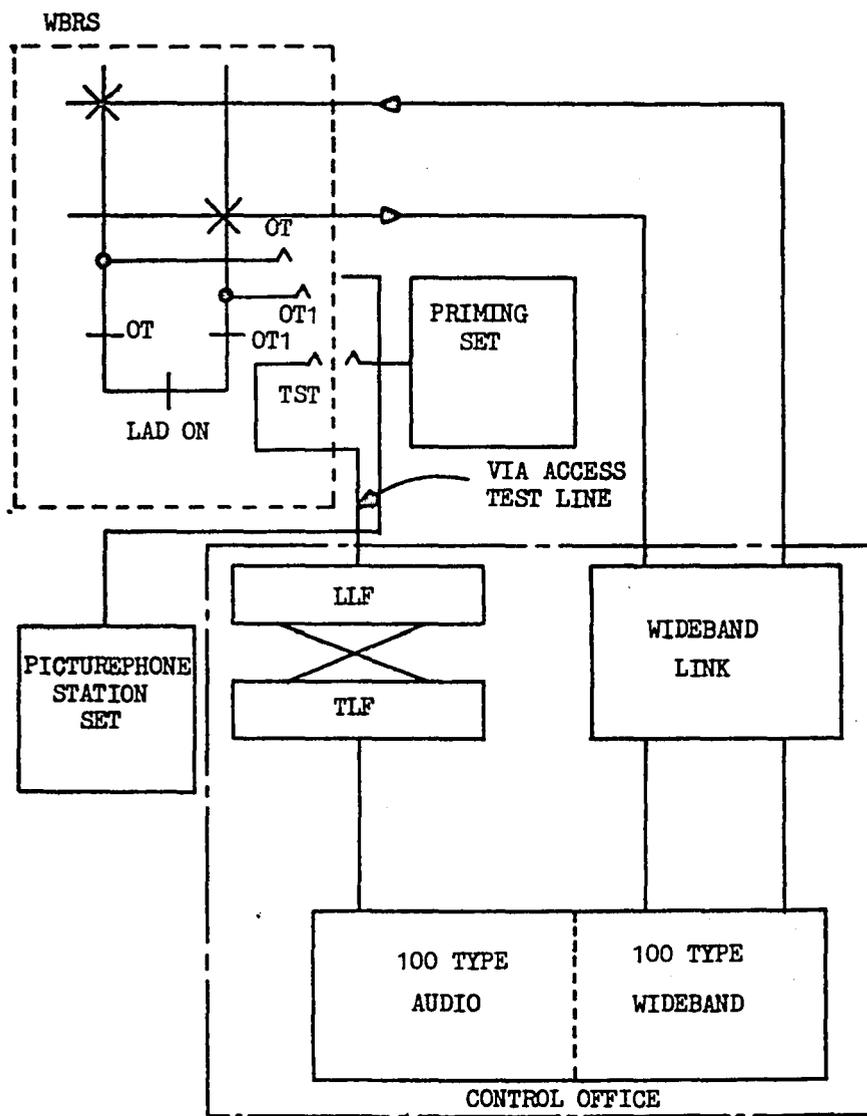
Fig. 1 - Pg. 3, Fig. 2 - Pg. 4, Fig 3 - Pg. 5
and Test Chart - Pg. 6

Manager, Crossbar Product Engineering
Control Center



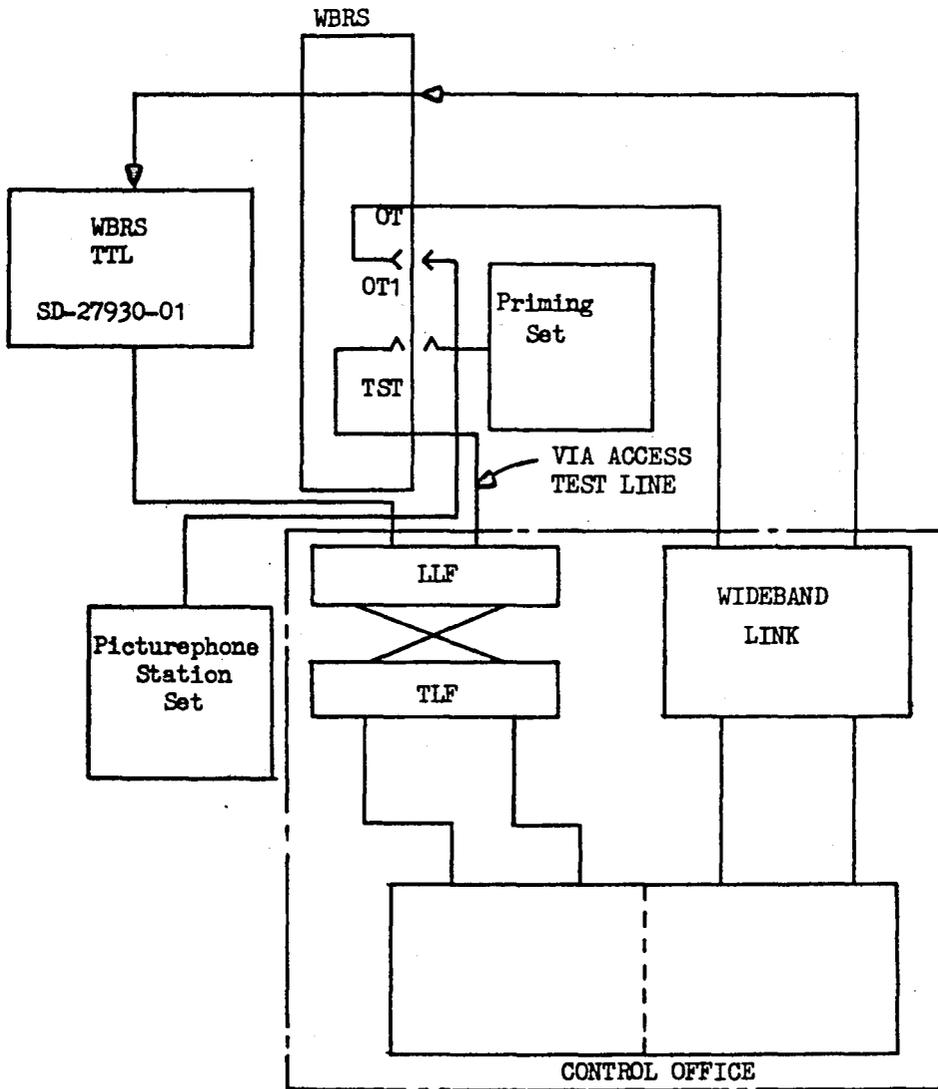
INTRAREMOTE SWITCH CALL

FIGURE 1



SOG TEST CALL

FIGURE 2



SOG TEST CALL TO WBRs
TERMINATING TEST LINE

FIGURE 3

TEST CHART

		SWITCH																						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	A	B	C	D	E	F	G	H
Intraremote Switch	1	1	#	#	#	#	*	#	#	#	off /2	OFF	off /3	off	#	#	#	#	#	OFF				
SOG	1	1	#	#	#	#	*	off	off	off	1	off	off	0/9	#	#	#	#	#	#	#	#	#	OFF

- As required

* - Set Position to OFF if not required