

PRIVATE LINE SERVICES
INTERFACE UNIT
INTERCONNECTION BETWEEN TELEPHONE
EQUIPMENT AND COAM EQUIPMENT

1. GENERAL

1.01 This section furnishes information on a Test Jack and Interface unit for use at customer locations on Private Line circuits for transmission measurements and testing.

1.02 Provision is made on the demarcation strip of the Interface Unit for screw terminal connection of Telephone Company equipment and COAM equipment. Tests and measurements are facilitated by use of the test jacks.

1.03 The apparatus may be used where one or more 2-wire or 4-wire private line circuits terminate at a customer location. It may be used where multiple circuits terminate by using additional units.

2. APPARATUS

2.01 The apparatus consists of the following equipment.

One 261-type Jack mounting
Four 239-type jacks
One 4-140 Jones terminal strip
One 4-140Y Jones terminal strip
One MS-4-140 Jones Cover
One Adhesive Designation Label

2.02 Exhibit 1 illustrates the unit.
At locations where more than one private line is terminated additional units may be mounted side by side.

2.03 Exhibit 2 shows the wiring of the unit. Also shown is the adhesive designation label.

2.04 The label is provided for entries as appropriate for circuit number, trouble reporting number, transmission levels, receiving levels, individual tone levels, etc.

3. APPLICATION

3.01 The units may be used at customer's premises where COAM data and/or metering tones are connected to Telephone Company's circuits.

3.02 The unit may also be used on telephone equipment at customer premises on 2-point and multi-point private line circuits that require periodic routine transmission tests as outlined by the appropriate BSP.

3.03 The test jacks may be used in making any one or more of the following tests as described in the appropriate BSP.

- Net Loss Measurements
Transmitting-Receiving
- Frequency Response Tests
Transmitting-Receiving
- Noise Measurements
- Measurements of Customer Individual Tones
- Measurements of Customer's Total Output Power
- D.C. Measurements-Toward Line, Toward Equipment
- Impedance Tests

3.04 CARE SHOULD BE TAKEN TO OBTAIN RELEASE OF CIRCUIT BEFORE USING JACKS AS THE JACK NORMALS ARE ARRANGED TO TERMINATE THE CIRCUIT IN THE TEST EQUIPMENT.

3.05 The adhesive label form should be filled in at installation and should be checked against the latest transmission engineering data at each routine visit.

4. ORDERING INFORMATION

4.01 The complete unit may be ordered from the Western Electric Supply House as

follows:

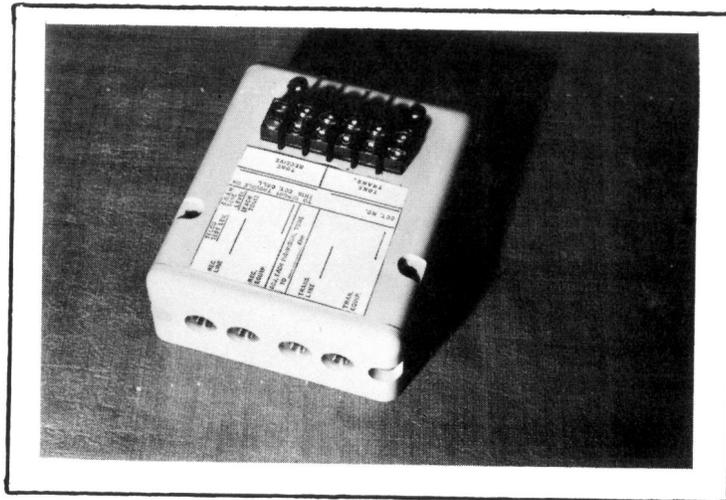
(Quantity) - Unit, Interface per drawing SWT-S-1G032-G List 1

4.02 The adhesive label may be ordered separately as needed for replacement or for other application:

(Quantity) - Label, adhesive per drawing SWT-S-1G032-G List 2

Attached: Exhibits 1 and 2

ATTACHMENT 1



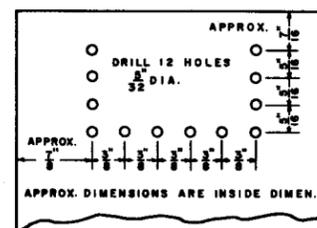
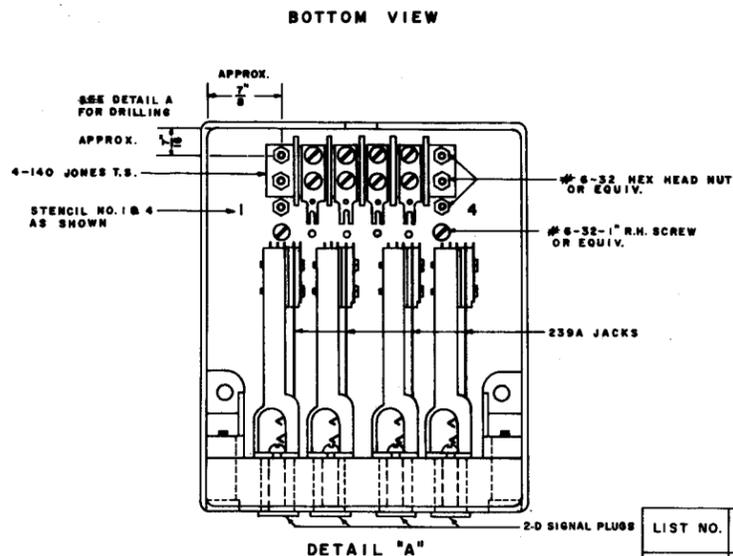
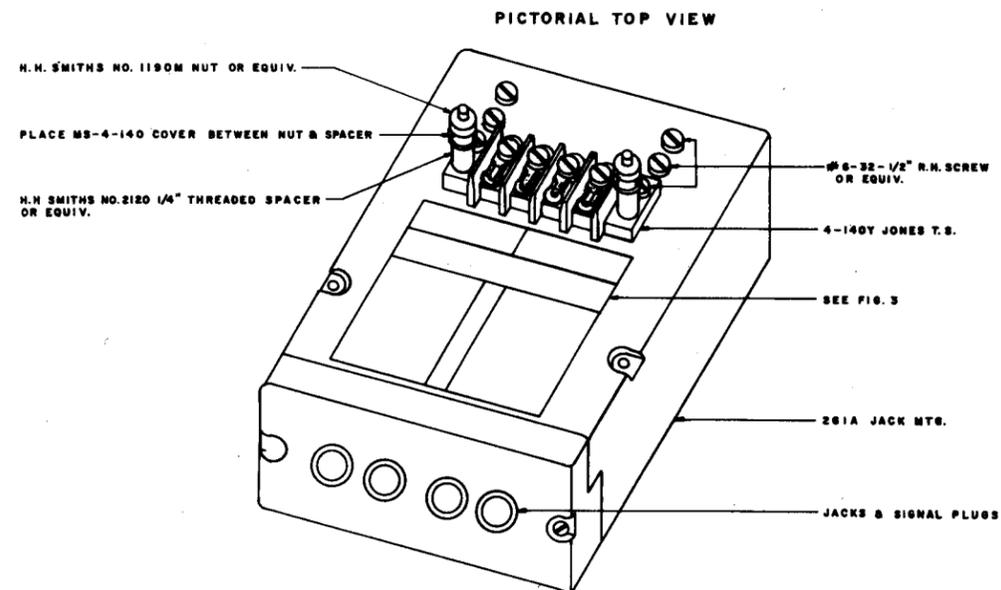
Jack Interface Unit

FIGURE 1
INTERFACE UNIT

SECTION
460-110-900 SW

ALTERATIONS

Attachment 2



MATERIAL LIST

LIST NO.	QUANTITY PER LIST	CODE	DESCRIPTION
1	1	261A	JACK MTG.
1	4	239A	JACK
1	1	4-140	JONES TERM STRIP
1	1	4-140Y	JONES TERM STRIP COVER
1	6	6-32-1/2"	R.H. SCREW
1	6	6-32	HEX HEAD NUT
1	2	6-32-1"	R.H. SCREW
1	2	1190M	H.H. SMITHS NUT
1	2	2120	H.H. SMITHS THREADED SPACER
1	8	6-32	WASHER
1	4	2-D	SIGNAL PLUGS.
1	1	"WRITE ON"	SEE FIG. 3
2	1	"WRITE ON"	SEE FIG. 3

FIGURE 2
JACK CIRCUIT

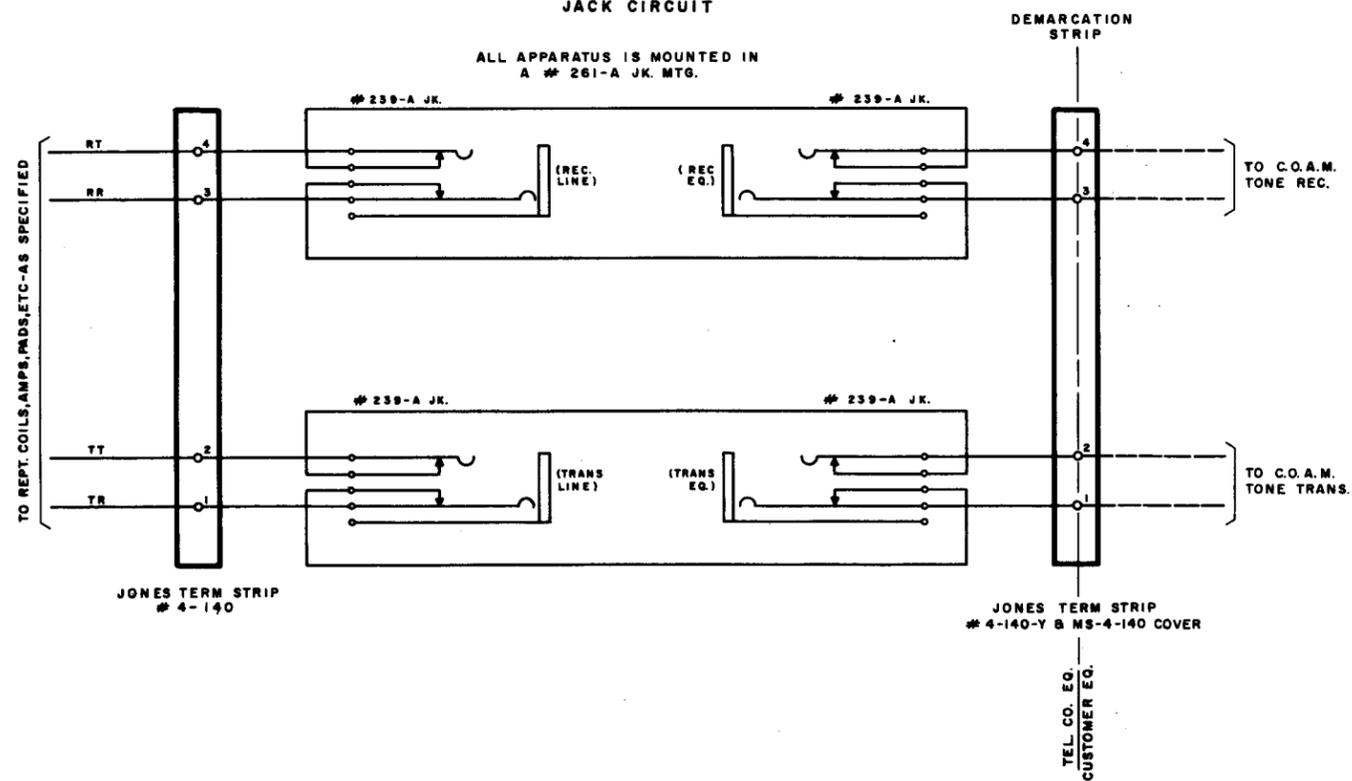
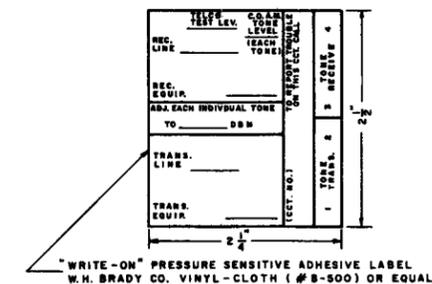


FIGURE 3
DESIGNATION CARD



ORDERING INFORMATION

LIST NO.	EQUIPMENT
1	INTERFACE UNIT, ASSEM, WIRED AND EQUIP. PER FIG. 2 WITH FIG. 3 "WRITE-ON" LABEL DESIG.
2	"WRITE-ON" LABEL DESIG. CARD (FIG. 3) ONLY

INTERFACE UNIT
FOR INTER CONN BETWEEN
TELCO CIRCUIT AND
C.O.A.M. EQUIP.