

**SUBSCRIBER PANEL LINK TEST SET
(WAGON TYPE)
EQUIPMENT DESIGN REQUIREMENTS
PANEL SYSTEMS**

1. GENERAL

Scope

1.01 This specification, together with the supplementary specification, keysheets, drawings, equipment explanations and circuit descriptions, listed herein covers the equipment design requirements for the framework, equipment and circuits to be used in the manufacture of the subscribers panel link test set panel offices.

1.02 This specification is reissued to incorporate previous appendix changes and to change the rating from "AT&TCo Standard" to "A&M Only."

Capacity

1.03 Each test set has a capacity of one subscribers panel link test circuit.

Description

1.04 This test set is used to test the panel link circuits and consists of a standard metal wagon type framework on the top of which is mounted a keyshelf for the keys, lamps and dial associated with the test circuit. The interior of the test set is accessible through doors on both the wiring and apparatus side and is arranged to mount the necessary selector switches, relays, resistances and condensers. A jack panel is provided at the front end of the test set for mounting the necessary jacks.

1.05 When it is desired to test the panel link circuits the test set is connected to them by means of patching cords which plug into jacks on the link frame and on the test set. Battery and ground is also supplied to the test set from the link frame through patching cords.

1.06 The panel link circuits are tested by the test circuit imposing various conditions on the elements by link circuits. Should the elements of the circuit under test fail to meet the tests imposed the test circuit will block and the trouble will be indicated by the lighting of a corresponding trouble light located in the keyshelf on the top of the test set. If the test is satisfactorily completed a lamp designated OK will light on the test set keyshelf.

Subdivision of Equipment

J24713B (A&M Only) — Subscribers Panel Link Test Set (Two Class of Service)

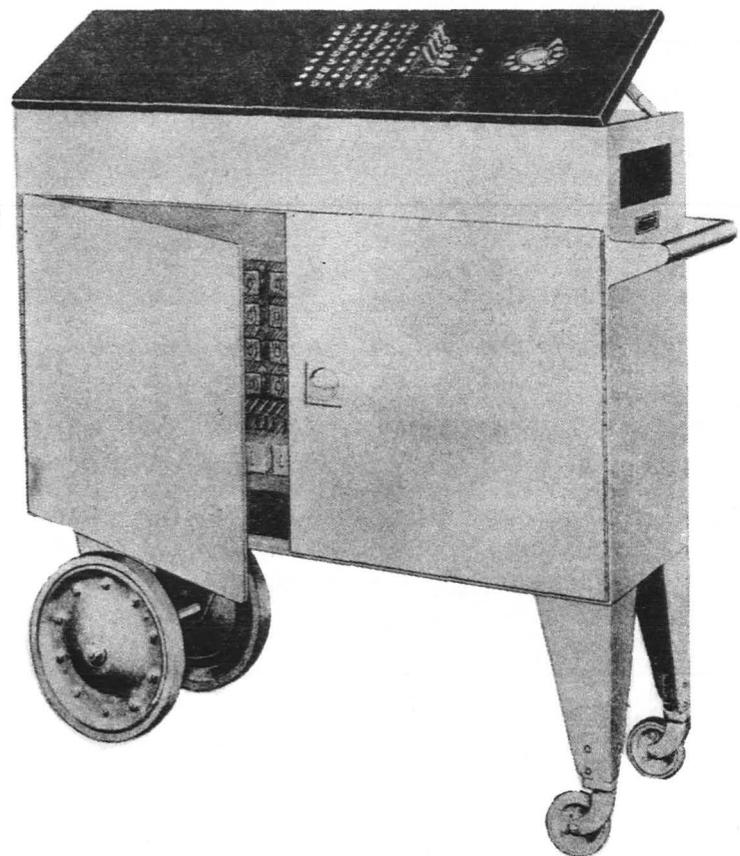


Fig. 1 — Subscribers Panel Link Test Set

2. SUPPLEMENTARY INFORMATION

815-000-000 — Panel Systems Index
 AA128.006 — List of General Engineering Requirement Specifications.
 X-61400 — List of Engineering Requirement Specifications for Battery on Cut-Off Relay Offices
 X-61200 — List of Engineering Requirement Specifications for Ground on Cut-Off Relay Offices

3. DRAWINGS**Keysheets — Panel Systems**

SD-21300-01 — Battery on C.O. Relay
 SD-21680-01 — Ground on C.O. Relay

Framework

ED-20732-01 — Assembly of Test Set
 ED-20768-01 — Assembly of Keyshelf
 ED-20739-01 — Assembly of Jack Panel
 ED-90187-01 — Number Plate

Equipment

ED-20767-01 — Test Set Equipment (Two Class Service)

Wiring

ED-20324-01 — Local Cable

4. EQUIPMENT**J24713B (A&M Only) — Subscribers Panel Link Test Set (Two Class of Service)**

Equipment — ED-20767-01
 Local Cable — ED-20324-01

List 1 — Framework, assembly, wiring and equipment for one Subscribers Panel Link Test Set arranged to test two class of service in same 400 line group.

	WIRE	EQUIP	SEE NOTES
Test Set Assembly ED-20732-01		1	
Keyshelf Assembly ED-20768-01		1	
Jack Panel Assembly ED-20739-01		2	
Subscribers Link Test Set Ckt. SD-21683-01	1	1	5.01 5.03

List 2 — Apparatus required in addition to list 1 to equip the test circuit for testing links when sender monitor operation is specified. (See note A.)

Note

A. This list covers "Z" apparatus required when arranging the test circuit for testing links where sender monitor operation is specified.

5. GENERAL NOTES

5.01 As the space available in this test set is small the standard skinner lengths may be disregarded.

5.02 To facilitate stocking these test sets they shall be universally wired per SD-20343-01 in all cases and the apparatus furnished in accordance with Lists 1, 2 and 3.

5.03 To facilitate stocking these test sets they shall be universally wired per SD-21683-01 in all cases and the apparatus furnished in accordance with lists 1 and 2.

List of "A&M Only" and "Mfr Disc." Equipment

The following equipment has been replaced as indicated. Where "A&M Only" items appear, the issue numbers shown are those of the issue in which the rating was first applied.

EQUIPMENT	RATING	DETAILS LAST SHOWN IN ISSUE	REPLACING EQUIPMENT
J24713A	Mfr Disc.	3	J24713B

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