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COMMON SYSTEMS  
MISCELLANEOUS CIRCUIT  
NUMBER NETWORK FRAME  
AUTOMATIC NUMBER IDENTIFICATION  
CROSSBAR NO. 1, PANEL OR STEP BY STEP OFFICE

CHANGES

D. DESCRIPTION OF CIRCUIT CHANGES

D.1 This circuit is reissued without record  
to revise the connecting information  
for B, tel., and Swain's jacks in CAD  
Fig. 1.

All other headings, no change.

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT. 2335-JLB-FBB-LA

COMMON SYSTEMS  
MISCELLANEOUS CIRCUIT  
NUMBER NETWORK FRAME  
AUTOMATIC NUMBER IDENTIFICATION  
CROSSBAR NO. 1, PANEL OR STEP BY STEP OFFICE

SECTION I - GENERAL DESCRIPTION

This circuit is designed for use in Panel, Crossbar No. 1, or Step-by-Step Offices arranged for Automatic Number Identification. It provides the miscellaneous apparatus mounted on the Number Network Frame and includes a frame test battery, a frame line between frames, and a spare jack.

SECTION II - DETAILED DESCRIPTION

## 1. 48V FRAME TEST BATTERY - FS1

Test Terminals are furnished on the frame to supply -48 volt battery, direct ground, and high resistance ground for test purposes.

## 2. FRAME LINE BETWEEN FRAMES - FS2 AND FS4

With Option 2 (Panel & Crossbar No. 1 Offices), communication may be established between ANI frames by plugging operator telephone sets into the (TEL) jacks on the frames. Talking battery is supplied through the connecting circuit. With Option 3 (Step-by-Step Offices), the (SWMN) jacks provide the same function.

## 3. SPARE JACK - FS3

Spare jack (B) is furnished for possible future requirements.

SECTION III - REFERENCE DATA

## 1. WORKING LIMITS

None

BELL TELEPHONE LABORATORIES, INCORPORATED

DEPT. 2314-WLW-FBB-BD

## 2. FUNCTIONAL DESIGNATIONS

JACKS

B - Spare  
SWMN - Switchmans talking line  
TEL - Telephone

## 3. FUNCTIONS

- 3.1 To provide battery and ground terminals for testing purposes.
- 3.2 To provide a talking line for talking between ANI frames.
- 3.3 To provide a spare jack for future requirements.

## 4. CONNECTING CIRCUITS

When this circuit is listed on a keysheet the information thereon is to be followed.

- 4.1 SD-95813-01 - Number Network and Primary Bus Circuit.
- 4.2 SD-96379-01 - Local Frame Line Circuit (Crossbar No. 1 and Panel - BCO)
- 4.3 SD-20360-01 - Local Frame Line Circuit (Panel - GCO)
- 4.4 SD-32021-01 - Switchmans Talking Line Circuit (Step-by-Step)
- 4.5 SD-95819-01 - Miscellaneous Circuit for Identifier Frame