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APPENDIX 2M
DWG ISSUE 3M
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5ESS SWITCHING EQUIPMENT MASTER CONTROL CENTER/TRUNK LINE WORKSTATION (6 FT 20 IN DEPTH) CIRCUIT

Description of Changes

D.1 Remove reference for specific part number for Video Display Terminal (VDT) and Receive-only Printer (ROP).

D.2 Note 201 was changed to reference J1C188A-1 for ordering information for the VDT and ROP.

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DEPT NA5380700-JMK-SCS

5ESS™ SWITCHING EQUIPMENT
MASTER CONTROL CENTER/TRUNK LINE
WORK STATION (6 FT 20 IN DEPTH)
CIRCUIT

CHANGES

D. Description of Changes

D.1 Add necessary updated drawing information for the primary telephone set designation.

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AT&T-T DEPT 11NW521490-KPD-EBH

5ESS™ SWITCHING EQUIPMENT MASTER CONTROL CENTER/TRUNK LINE WORK STATION (6FT 20IN DEPTH) CIRCUIT

SECTION I - GENERAL DESCRIPTION

1. PURPOSE OF CIRCUIT

1.01 The master control center (MCC) provides the interface capability for both administrative and maintenance tasks. The trunk and lines work station (TLWS) allows trunk and lines testing.

2. GENERAL DESCRIPTION OF OPERATION

2.01 Human Interface System: The master control center is the primary communication link between maintenance personnel and the 5ESS. The MCC consists of the following major components:

Video terminal with keyboard

Receive-only printer (optional type - color or blk & white)

Key telephone set with loudspeaker

Trunk and line work station test access unit.

2.02 The page displays on the video terminal provide the means to communicate with the system during performance of a maintenance task. Maintenance requests are input through the keyboard, and the receive-only printer prints a hard copy of input and output messages so that a hard copy record is available for future reference. The key telephone set is used to communicate with work areas outside the office. The telephone set can be used independently of the 5ESS office thereby ensuring outside communication during office outage. The key telephone set is equipped with a loudspeaker to provide voice communication during times when maintenance personnel require free use of their hands.

2.03 The TLWS shares the same physical equipment as the 5ESS master control center. The TLWS consists of:

Video terminal with keyboard

Key telephone set with headphone arrangement

Test access unit (TAU)

Receive-only printer (ROP).

Additional test equipment can be used to perform some TLWS functions. The MCC input/output and display conventions are also used by the TLWS. Although the TLWS and MCC share the same equipment, functional differences exist between them. These differences include the MCC functions mode and the TLWS functions mode. The TLWS functions are subfunctions of the MCC. Normally, the equipment is in the MCC mode. When performing TLWS functions, the equipment is switched automatically to the TLWS mode.

SECTION II - DETAILED DESCRIPTION

1.01 Information for this section will be covered in a subsequent issue.

SECTION III - REFERENCE DATA

1. WORKING LIMITS

1.01 The MCC/TLWS must be located within 50 feet of the Main Peripheral Controller. A special table can be used to connect the MCC/TLWS to the Main Peripheral Controller for distances greater than 50 feet but less than 200 feet. Another restriction requires that the AC power to the MCC/TLWS must be protective AC, i.e., power received from a commercial power line plus an AC generator backup.

2. CONNECTING CIRCUITS

2.01 None.

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