ELECTRONIC SWITCHING SYSTEMS
5ESS® SWITCHING EQUIPMENT
DIGITAL CARRIER LINE UNIT-SUPPLEMENT
CIRCUIT

CHANGES

A. Changed and Added Functions

A.1

B. Changes in Apparatus

B.1 Added Z option MC5D204A1 and Y option MC5D204A1B.

C. Changes in Circuit Requirements Other Than Those Caused By Changes

C.1

D. Description of Changes

D.1 Added Z option MC5D204A1, ANN4, and Y option MC5D204A1B, ANN4B circuit packs to the drawing's FS1 and BD1 Figures. Added information notes 307 and 308, and upgraded notes 202, 302, 303, and 304 with current information.

E. Changes in Transmission Test Requirements

E.1

F. Changes in Description of Operation or Changes in CD Sections

F.1

AT&T BELL LABORATORIES

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CIRCUIT

SECTION I — GENERAL DESCRIPTION

1. PURPOSE OF CIRCUIT

1.01 The digital carrier line unit (DCLU) is a peripheral of the 5ESS electronic switch. The DCLU allows the 5ESS to terminate digital subscriber lines with a DS1 line format and provide a varying concentration ratio of up to 9:1. By selecting the appropriate concentration ratio, varying levels of call traffic may be economically handled.

1.02 SLC-96® is the subscriber loop carrier system that the DCLU presently terminates.

1.03 The DCLU may grow from a two-shelf unit to a three-shelf unit by adding a DCLU-SUPL. A fully equipped DCLU, including the DCLU-SUPL, can terminate up to 30 DS1 lines (T1 lines).

1.04 A DCLU-SUPL must be used in conjunction with a DCLU. By adding the DCLU-SUPL, the concentration ratio is increased.

1.05 Further information for this section will be covered in a subsequent issue.

SECTION II — DETAILED DESCRIPTION

1. GENERAL

1.01 The DCLU-SUPL Model 2, J5D003AS-2, is a cost-reduced version of the DCLU-SUPL, J5D003AS-1. The cost reduction resulted from eliminating local cables, brackets, and KS-connectors; by changing to **FASTECH®** connectors; and by extensive unit surface wire changes.

1.02 A DCLU-SUPL Model 2 must be used in conjunction with a DCLU Model 2, J5D003AR-2.

1.03 Further information for this section will be covered in a subsequent issue.

SECTION III — REFERENCE DATA

1. MANUFACTURING TESTING REQUIREMENTS

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

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