

CIRCUIT DESCRIPTION

CD-5D203-01
ISSUE 1
APPENDIX 2B
DWG ISSUE 3B
DISTN CODE BT13

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 Figures. Added information notes 307 and 308, and upgraded notes 302, 303, and 304 with current information.

D.2 Added notes 305 and 306, with information on 1249 cable, and upgraded note 302 with 1249 cable information.

E. Changes in Transmission Test Requirements

E.1

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Page 1

CD-5D203-01 - ISSUE 1

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

F.1

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DEPT 54636-RCH-TJC

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CIRCUIT DESCRIPTION

CD-5D203-01
ISSUE 1
APPENDIX 1M
DWG ISSUE 2M
DISTN CODE BT13

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

CHANGES

D. Description of Changes

- D.1 Allows the use of 1249 cable as an alternative to ABAM or 600-type cable for DS-1 interconnections. Information Note 305 is added, and Information Note 302 is expanded to reflect the use of 1249 cable.

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ELECTRONIC SWITCHING SYSTEMS
SESS* ELECTRONIC SWITCHING EQUIPMENT
DIGITAL CARRIER LINE UNIT - SUPPLEMENT
CIRCUIT

SECTION I - GENERAL DESCRIPTION

1. PURPOSE OF CIRCUIT

1.01 The digital carrier line unit (DCLU), is a peripheral of the SESS* electronic switch. The DCLU allows the SESS 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 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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DEPT 54315-AMW-WJG

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