

CIRCUIT DESCRIPTION

CD-5D133-01
ISSUE 1
APPENDIX 4B
DWG ISSUE 5B
DISTN CODE BT13

**5ESS® SWITCHING EQUIPMENT
REMOTE APPLICATIONS
SCHEMATIC
CIRCUIT**

CHANGES

D. Description of Changes

International change only - Allowed the multi-mode remote switching modules (RSMs) to have a minimum of one inter cluster link (T1 line).

Allowed the alternate routing of traffic restart allowed message (TRM) links, provided that the time differential is no more than 70 ns, and that the maximum length differential is 45 feet.

The remote clock unit (RCU) J5D000FC-() may obtain the network clock reference from either an analog or digital source.

AT&T BELL LABORATORIES

DEPT NA5350300-RDA-FNG

CIRCUIT DESCRIPTION

CD-5D133-01
ISSUE 1
APPENDIX 3B
DWG ISSUE 4B
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5ESS® SWITCHING EQUIPMENT
REMOTE APPLICATIONS
SCHEMATIC
CIRCUIT

CHANGES

D. Descriptions of Changes

- D.1 Added 14A Recorded Announcement System.
- D.2 Added TRM attention information and interconnection information for LSCIM.
- D.3 Added Alternate MMRSB cabinet configurations provides for FIU and RCU to reside in SMC cabinet.
- D.4 Added changes to -48V RTN interconnection mult to support SMC2 E/W MCTU2.
- D.5 Added new SMC2 cabinet configuration which is equipped with MCTU2.
- D.6 Added information to support ORM/TRM clusters and shared resources.
- D.7 Added information for the Digital Line Trunk Unit Model 2 (DLTU2).
- D.8 Added information for Transmission Rate Converter Unit Model 2 (TRCU2).

AT&T BELL LABORATORIES

DEPT 55422-RDA-SAF

CIRCUIT DESCRIPTION

CD-5D133-01
ISSUE 1
APPENDIX 2B
DWG ISSUE 3B
DISTN CODE 7T13

5ESS™ SWITCHING EQUIPMENT
REMOTE APPLICATIONS
SCHEMATIC
CIRCUIT

CHANGES

D. Description of Changes

- D.1 Provide information to support optically remote module (ORM).
- D.2 Provide information to support transmissionless remote module (TRM).
- D.3 Revisions to SD; because of the above changes include the following:
- (a) Add sheets AS6, AS7, AS8, BD11, and BD12.
 - (b) Add Equipment Notes 209 and 210.
 - (c) Add Information Notes 306, 307, 308, 309, and 310.

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DEPT 55613-RA-JB

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5ESS™ SWITCHING EQUIPMENT
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SECTION I - GENERAL DESCRIPTION

1. PURPOSE OF CIRCUIT

1.01 The 5ESS remote applications schematic provides a set of functional block diagrams of the system circuits. It identifies functional circuit interconnection and controlling documentation. It also identifies the appropriate circuit, equipment, and information Notes. Engineering Information necessary to meet 5ESS requirements for multi-module remote switching module (MMSRM) is provided.

2. GENERAL DESCRIPTION OF OPERATION

2.01 This system application schematic is a reference document.

SECTION IID - DETAILED DESCRIPTION

1.01 For a detailed description, refer to circuit description associated with schematic drawings listed in the text and supporting information block of SD-5D133-01. The 5ESS switching equipment remote applications schematic is a generalized document with no equipment exclusively associated with it.

SECTION III - REFERENCE DATA

1. WORKING LIMITS

1.01 None.

2. CONNECTING CIRCUITS

2.01 None.

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5ESS™ SWITCHING EQUIPMENT
REMOTE APPLICATIONS
SCHEMATIC
CIRCUIT

SECTION I - GENERAL DESCRIPTION

1. PURPOSE OF CIRCUIT

1.01 Information to follow in Issue 2AC.

2. GENERAL DESCRIPTION OF OPERATION

2.01 This is a reference document.

SECTION II - DETAILED DESCRIPTION

1.01 Information to follow in Issue 2AC.

SECTION III - REFERENCE DATA

1.01 Information to follow in Issue 2AC.

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