

CIRCUIT DESCRIPTION

CD-5D171-01
ISSUE 1
APPENDIX 6B
DWG ISSUE 7B
DISTN CODE BT13

**ELECTRONIC SWITCHING SYSTEMS
5ESS®
3A SIMPLIFIED MESSAGE SYSTEM
INTERFACE TRANSLATOR
APPLICATION PROCESSOR
APPLICATION SCHEMATIC**

CHANGES

D. Description of Changes

In AS1, added reference to option "H" and AUDIX.

In apparatus figure 1, added reference to option "H".

In Note 210, 303, added reference to option "H".

In Note 306 added: "translators per option "H" are for software release 5E4(2) or later".

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CHANGES

D. Description of Changes

- D.1 In ASI, added Ref. to note 210.
- D.2 Added equipment note 210.
- D.3 Revised CA4 in note 202 cable table.
- D.4 Added option "M, L" to note 302.
- D.5 Added Ref. "NJ03520A-1 SMS1 and ED5D709-30 3A translator universal design" to note 304.

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ELECTRONIC SWITCHING SYSTEMS
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CHANGES

D. Description of Changes

- D.1 In ASI, replace option "P,N" with "L,M".
- D.2 In APP FIG.1, option "L,M" added, option "N,P,Q,R" rated "DA".
- D.3 Note 201,207 rated "DA".
- D.4 Equipment Note 208 added. Note 303,306 information revised.

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ELECTRONIC SWITCHING SYSTEMS
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3A SIMPLIFIED MESSAGE SYSTEM INTERFACE
TRANSLATOR PROCESSOR APPLICATION SCHEMATIC

CHANGES

D. DESCRIPTION OF CHANGES

- D.1 Option "N" added to SMSI translator in ASI.
- D.2 Option "N"; added in APP. FIG. 1.
- D.3 Equipment note 201, and information notes 303, 306 revised. Equipment note 207 added.

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ELECTRONIC SWITCHING SYSTEMS
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3A SIMPLIFIED MESSAGE SYSTEM INTERFACE
TRANSLATOR PROCESSOR APPLICATION SCHEMATIC

CHANGES

D. DESCRIPTION OF CHANGES

- D.1 Option "P" added to SMSI translator in ASI.
- D.2 Option "P" added in APP. FIG. 1.
- D.3 Equipment note 201, and information notes 303, 306 revised.

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CIRCUIT DESCRIPTION

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ELECTRONIC SWITCHING SYSTEMS
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3A SIMPLIFIED MESSAGE SYSTEM INTERFACE
TRANSLATOR APPLICATION PROCESSOR
APPLICATION SCHEMATIC

CHANGES

D. Description of Changes

- D.1 In AS1, App Fig. 1, and notes 201 and 303 "R" option referenced and "Q" option added.
- D.2 Information note 306 added.
- D.3 Drawing title corrected.
- D.4 In App Fig. 1, power supply code corrected.

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ELECTRONIC SWITCHING SYSTEMS
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 APPLICATION PROCESSOR
 APPLICATION SCHEMATIC

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SECTION II - DETAILED DESCRIPTION . 1		<u>2. GENERAL DESCRIPTION OF OPERATION</u>
SECTION III - REFERENCE DATA. . . . 2		2.01 The 3A SMSI allows the customer to send and receive AT&T (1AE7) SMSI messages to an AT&T 5ESS Switch. The 3A SMSI receives Message Service Systems (MSS) messages from the 5ESS Switch through the D-channel of an ISDN line. The 3A SMSI takes care of layer 1, layer 2 and layer 3 ISDN communications with the 5ESS Switch. After the MSS message is received, the 3A SMSI will translate the message into a 1A ESS switch message. After the translation, the message is sent to the paper or voice message processor.
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<u>SECTION I - GENERAL DESCRIPTION</u>		
<u>1. PURPOSE OF SCHEMATIC</u>		
1.01 The 3A Simplified Message Interface Translator (SMSI)		<u>SECTION II - DETAILED DESCRIPTION</u>
		0.01 None.

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SECTION III - REFERENCE DATA

1. WORKING LIMITS

1.01 None.

2. FUNCTIONAL DESIGNATIONS

2.01 See Information Note 305 in the schematic.

3. FUNCTIONS

3.01 Provides application information for the 3A SMSI translator-application processor.

4. ASSOCIATED CIRCUITS

4.01 See Information Note 304 in the schematic.

5. MANUFACTURING TEST REQUIREMENTS

5.01 None.

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