

**ELECTRONIC SWITCHING SYSTEMS
SESS®
ADVANCED COMMUNICATION PACKAGE
VERSION 7
APPLICATION SCHEMATIC**

4. REASONS FOR REISSUE

D. Description of Changes

AS1, AS2:

The direct ISDN interface (DISDNI) has been changed to 7B direct intelligent interface (DDI) (see note 221).

The port splitter model DB-8 has been changed to TL074A.

The alarm relay unit (ARU) J1C158C-1, L1 changed to J1P158C-2, L1.

The power supply J1P158C-1, L4 has been changed to J1C158C-2, L4.

The telecommunications resource management system (TERMS) SD-5D161-01 has been removed.

The 3B2/600 application processor has been removed.

The AT&T 212AR data set (see note 203) has been added.

AS1:

The 1KVA uninterrupter power system (UPS) 2403-004 has been changed to the 1KVA UPS 2403-200.

AS1, 2, 3 and 4:

The NTIU200 (network termination type 1) has been changed to NTIU220.

AS3 and 4:

The 7500 data module has been changed to the 7500B data module (see note 310).

The AT&T 615 terminal has been changed to the AT&T 715 terminal.

Equipment notes 201, 202, 203, 204, 206, 207, 209, 210, 212, 213, 214, 215, 217 and 218 have been revised. Notes 219, 220 and 221 have been added.

Information note 301, 302, 304, 305, 306, 308 and 310 have been revised.

AT&T BELL LABORATORIES

DEPT NA5301500-EJH-MG

ELECTRONIC SWITCHING SYSTEMS
5ESS®
ADVANCED COMMUNICATIONS PACKAGE
VERSION 7
APPLICATION SCHEMATIC

TABLE OF CONTENTS	PAGE
SECTION I - GENERAL DESCRIPTION.	1
1. PURPOSE OF SCHEMATIC.	1
2. GENERAL DESCRIPTION OF OPERATION	1
SECTION II - DETAILED DESCRIPTION.	2
SECTION III - REFERENCE DATA	2
1. WORKING LIMITS.	2
2. FUNCTIONAL DESIGNATIONS	2
3. FUNCTIONS	2
4. ASSOCIATED CIRCUITS	2
5. MANUFACTURING TESTING REQUIREMENTS.	2

- Electronic Directory Service (EDS).
- Customer Message Service System (CMSS).
- Facilities Management System (FMS).
- Simplified Message Service Interface (SMSI).
- Traffic Data Systems (TDS).
- Candela Message Printer System (CMPS) P/O CMSS Feature.
- Centralized Message Detail Recording (CMDR)
- User Application Interface.
- Telecommunications Resource Management System (TERMS).
- Application Processor Message Servicing Subsystem (APMSG).

SECTION I - GENERAL DESCRIPTION

1. PURPOSE OF SCHEMATIC

1.01 The Advanced Communications Package (ACP) Version 7 application schematic provides connectivity information for a new ACP version 7, Release 1 Basic Rate Interface (BRI) that will provide the following features:

- Automatic Circuit Assurance (ACA).
- Advanced Station Message Detail Reporting (ASMDR).

These features are supported by means of an Applications Processor (AP) and associated software.

2. GENERAL DESCRIPTION OF OPERATION

2.01 AS1 shows typical ACP arrangement when the AP is located remote from the Integrated Services Line Unit (ISLU).

2.02 The equipment notes provide ordering information, cabling, and miscellaneous data.

AS2 shows typical ACP arrangement when the AP is co-located with the ISLU.

AS3 shows typical dial-up BRI link to an AP when the AP is located remote from the ISLU.

AS4 shows typical dial-up BRI link to an AP when the AP is co-located with the ISLU.

SECTION II - DETAILED DESCRIPTION

1.01 None.

SECTION III - REFERENCE DATA

1. WORKING LIMITS

1.01 None.

2. FUNCTIONAL DESIGNATIONS

2.01 See information note 306 in the schematic.

3. FUNCTIONS

3.01 Provides application information for the ACP version 7 arrangement.

4. ASSOCIATED CIRCUITS

4.01 See information note 305 in the schematic.

5. MANUFACTURING TEST REQUIREMENTS

5.01 None.

AT&T BELL LABORATORIES

AT&T DEPT NANW690550-EJH-MG