DWG ISSUE	CD ISSUE	DATE ISSUED		APPD
1	1	[illegible]23-84	NL JLJ	[illegible]

SHEET INDEX

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OPTION INDEX

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION

SUPPORTING INFORMATION

CATEGORY	NO.
5ESS ASSIGNMENT RULES	SD-5D007-01

7T13

5ESS* SWITCHING EQUIPMENT
5A RSM APPLICATION SCHEMATIC

AT&T CO
PROVISIONAL

DWG SIZE 6S

ISSUE 1

* TRADEMARK OF AT&T TECHNOLOGIES

AT&T BELL LABORATORIES

SD-5D132-01

SHEET INDEX—OPERATION AND MAINTENANCE

DESIGNATION MNEMONICS INDEX

MNEMONICS	AS NO.	DEFINITION
13A	AS 6	BUBBLE MEMORY RECORDED ANNOUNCEMENT SYSTEM
C/D	AS 1	CONTROL/DISPLAY
CLK	AS 3	CLOCK-CONTROL
DCLU	BD 1	DIGITAL CARRIER LINE UNIT
DCTU	AS 5	DIRECTLY CONNECTED TEST UNIT
DF	AS 5	DISTRIBUTING FRAME
DLTU	AS 4	DIGITAL LINE TRUNK UNIT
DSU	BD 1	DIGITAL SERVICE UNIT
DSX	AS 4	DIGITAL CROSS-CONNECT
FIDB	AS 3	FACILITIES INTERFACE DATA BUS
FIU	AS 3	FACILITIES INTERFACE UNIT
IMC	AS 8	INTERFACE MODULE CONTROL CABINET
IMPU	AS 2	INTERFACE MODULE PROCESSOR UNIT
IMPU2	AS 1,8	INTERFACE MODULE PROCESSOR UNIT MODEL 2
LTP	AS 8	LINE TRUNK PERIPHERAL CABINET
LU	AS 5	LINE UNIT
M	AS 6	MISCELLANEOUS CABINET
MMSU	AS 5	MODULE METALLIC SERVICE UNIT
MTB	AS 5	METALLIC TEST BUS
NCT	AS 1	NETWORK CONTROL AND TIMING
PICB	AS 1	PERIPHERAL INTERFACE CONTROL BUS
PIDB	AS 1	PERIPHERAL INTERFACE DATA BUS
RAU	AS 6	REMOTE ALARM UNIT
RP	AS 6	RESISTOR PANEL
RSM	AS 5	REMOTE SWITCHING MODULE
SLC	BD 1	SUBSCRIBER LOOP CARRIER
TAU	AS 5	TEST ACCESS UNIT
TBCU	BD 1	TRUNK BUS CONTROL UNIT
TLWS	BD 1	TRUNK AND LINE WORK STATION
TSIU	AS 2	TIME SLOT INTERCHANGE UNIT
TSIU2	AS 1	TIME SLOT INTERCHANGE UNIT MODEL 2
TTY	BD 1	TELETYPEWRITER
TU	AS 5	TRUNK UNIT

FIGURES, NOTES AND OTHER INFORMATION REFERENCED IN THIS DRAWING BUT NOT LISTED IN THIS "OPERATION AND MAINTENANCE" SHEET INDEX ARE REQUIRED FOR ENGINEERING AND MANUFACTURING PURPOSES ONLY AND ARE NOT PROVIDED.

5ESS* SWITCHING EQUIPMENT
5A RSM APPLICATION SCHEMATIC

OPERATION AND MAINTENANCE

AT&T CO PROVISIONAL

DWG SIZE 6S | ISSUE 1

* TRADEMARK OF AT&T TECHNOLOGIES

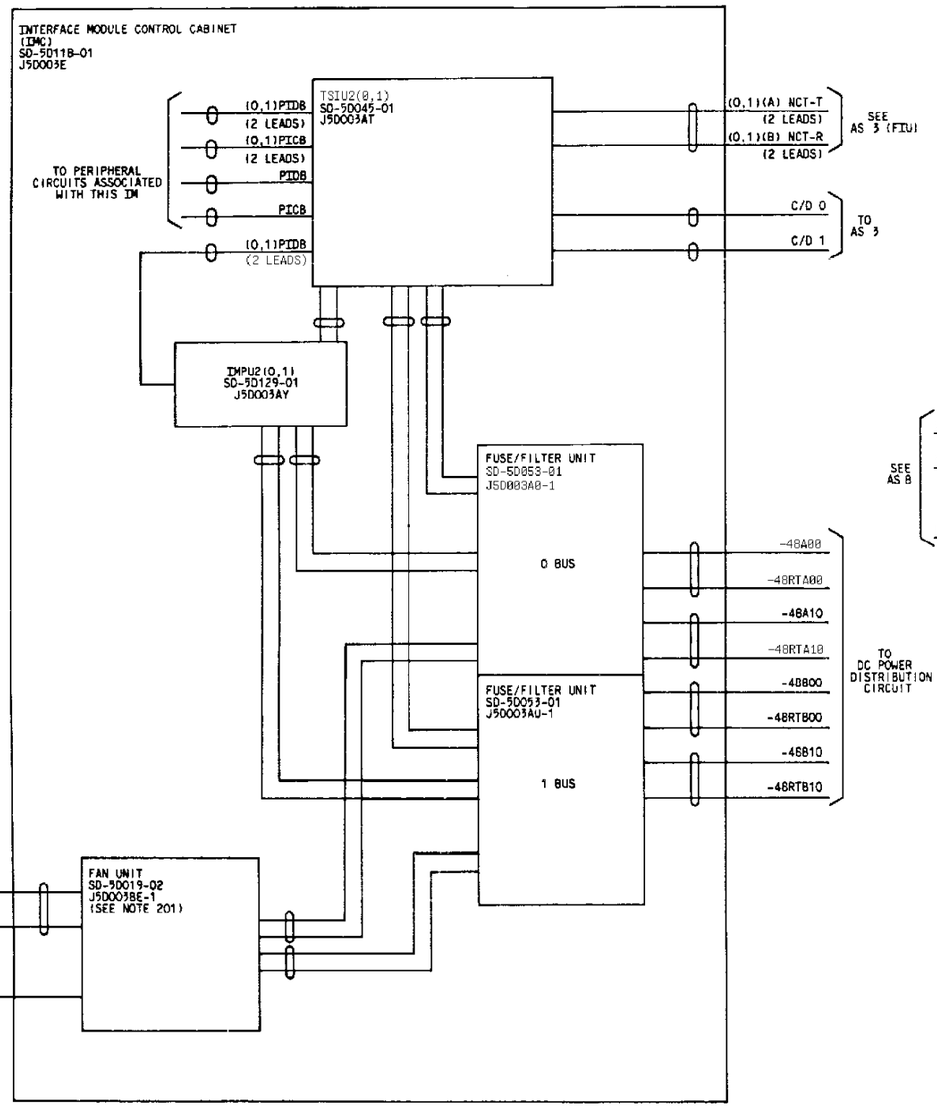
AT&T BELL LABORATORIES | SD-5D132-01 | SHEET A#1 OF 16

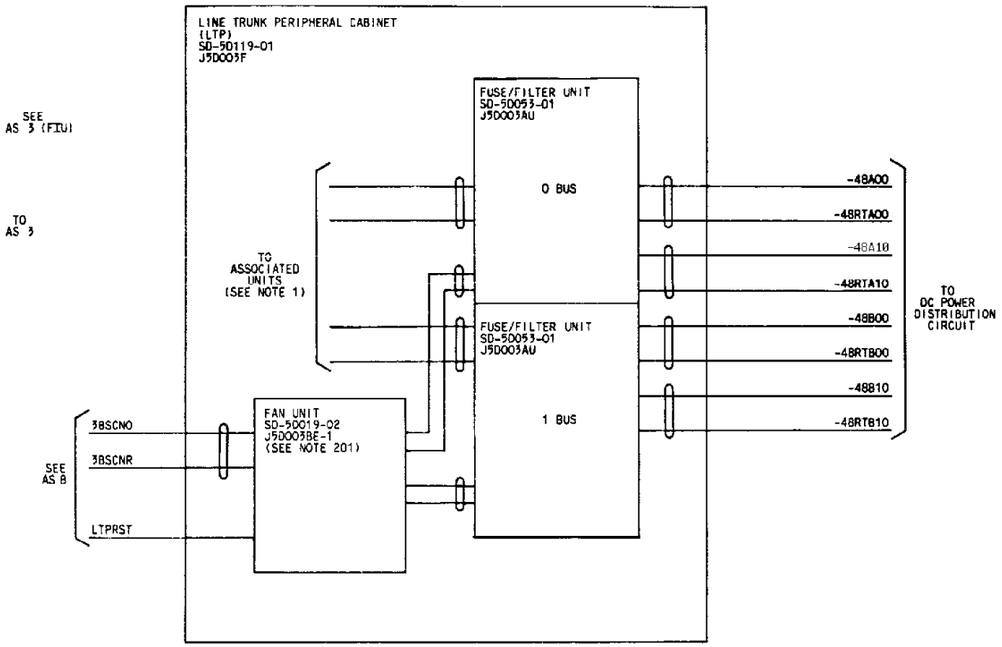
ⓦ AS 1

INTERFACE MODULE CABINETS
WITH TSIU2 AND IMPU2

NOTES:

1. FUSE/FILTER UNITS ARE USED TO PROVIDE THE FUSING AND FILTER REQUIREMENTS FOR THE INTERFACE UNITS WITHIN THE SAME LINE TRUNK PERIPHERAL CABINET (LTP). SEE CURRENT DRAIN LISTING, SD-5D002, FOR FUSING REQUIREMENTS.





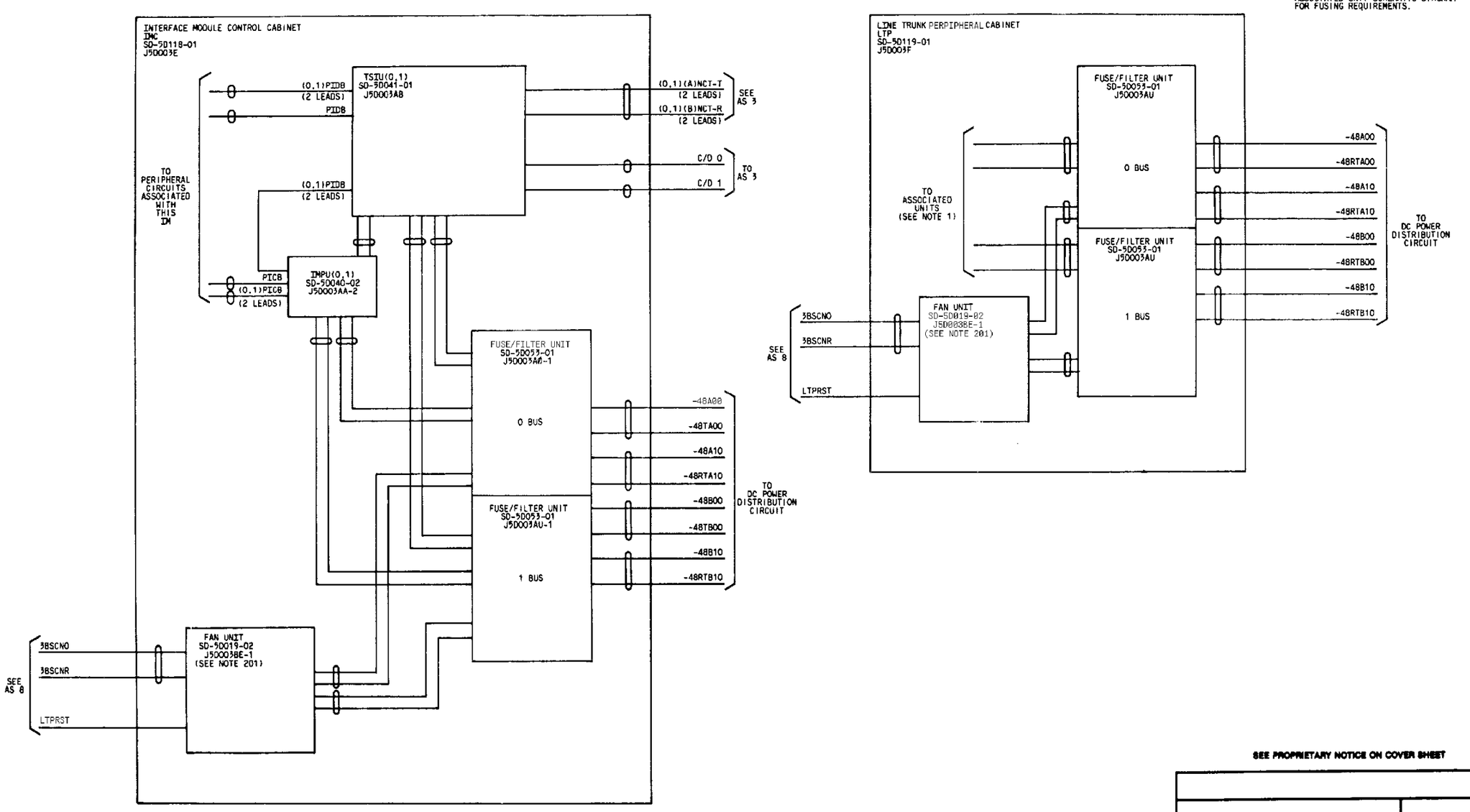
5A RSM APPLICATION SCHEMATIC		DWG SIZE 66	ISSUE 1
AT&T BELL LABORATORIES	SD-5D132-01		B#1

Ⓥ AS 2

INTERFACE MODULE CABINETS
WITH TSIU AND IMPU

NOTES:

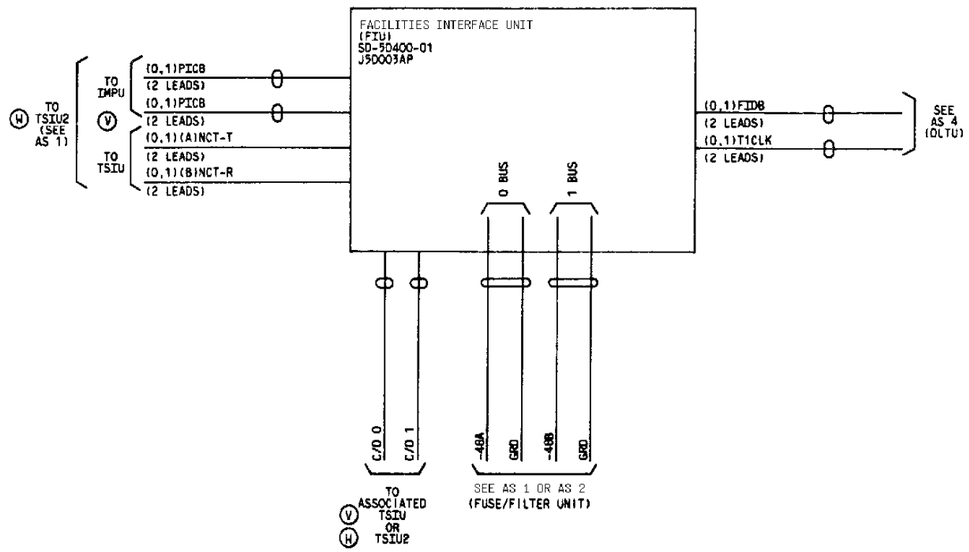
1. FUSE/FILTER UNITS ARE USED TO PROVIDE THE FUSING AND FILTER REQUIREMENTS FOR THE INTERFACE UNITS WITHIN THE SAME LINE TRUNK PERIPHERAL CABINET (LTP). SEE ASSOCIATED UNIT SCHEMATIC DIAGRAM FOR FUSING REQUIREMENTS.



5A RSM APPLICATION SCHEMATIC		DWG SIZE B	ISSUE 1
AT&T BELL LABORATORIES	SD- 5D132-01		B#2

AS 3

FACILITIES INTERFACE UNIT
(FIU)



DESCRIPTION

EACH FACILITIES INTERFACE UNIT IS AN 8 1/2" HIGH SHELF WHICH PROVIDES INTERCONNECTION FOR A RANGE OF 4 TO 20 OFI'S IN THE DLTU. THIS UNIT IS EQUIPPED IN THE RSM.

A DUPLICATED PERIPHERAL INTERFACE CONTROL BUS (PICB) ONE DUPLICATED FACILITY INTERFACE DATA BUS (FIDB), AND ONE DUPLICATED (T1CLK) ARE REQUIRED FOR EACH OFI IN THE FIU.

FUSING EQUIPMENT

SEE SD-50400-01 FOR FUSING REQUIREMENTS.

SPECIFIC MOUNTING REQUIREMENTS

THE FTU SHALL BE LOCATED IN THE POSITION DIRECTLY ABOVE THE TWO DLTU POSITIONS IN THE BAY 0 LTP OF AN RSM.

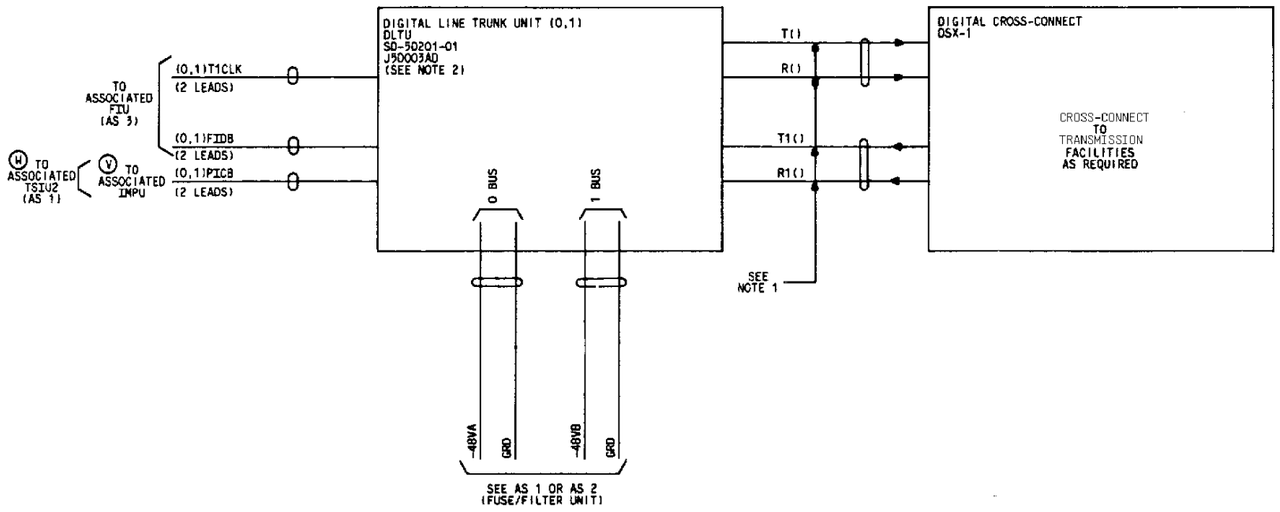
SEE NOTE 207.

PROVISION FOR THE FTU-DLTU CONFIGURATION IN BAY 0 OF AN IM IS RECOMMENDED IN ENGINEERING A MODULE WHICH IS INTENDED TO BE CONVERTED TO AN RSM.

5A RSM APPLICATION SCHEMATIC	DWG SIZE D	ISSUE 1
AT&T BELL LABORATORIES	SD-50132-01	B#3

AS 4

DIGITAL LINE TRUNK UNIT
(DLTU)



NOTE:

1. A RSM OFFICE REQUIRES A MINIMUM CONFIGURATION OF FOUR T1 LINES (4DFI'S)
2. DFI'S ARE TO BE ANN5 AT THE RSM AND ALSO AT THE HOST.

DESCRIPTION:

EACH DLTU IS AN 8 1/2" HIGH SHELF WHICH PROVIDES FOR TERMINATION OF UP TO 10 T1 FACILITIES.

CAPACITY

EACH DLTU WILL ACCOMODATE UP TO 10 T1 FACILITIES (10 UMBILICALS) (SEE SD-50007)

FUSING REQUIREMENTS

(SEE SD-50201)

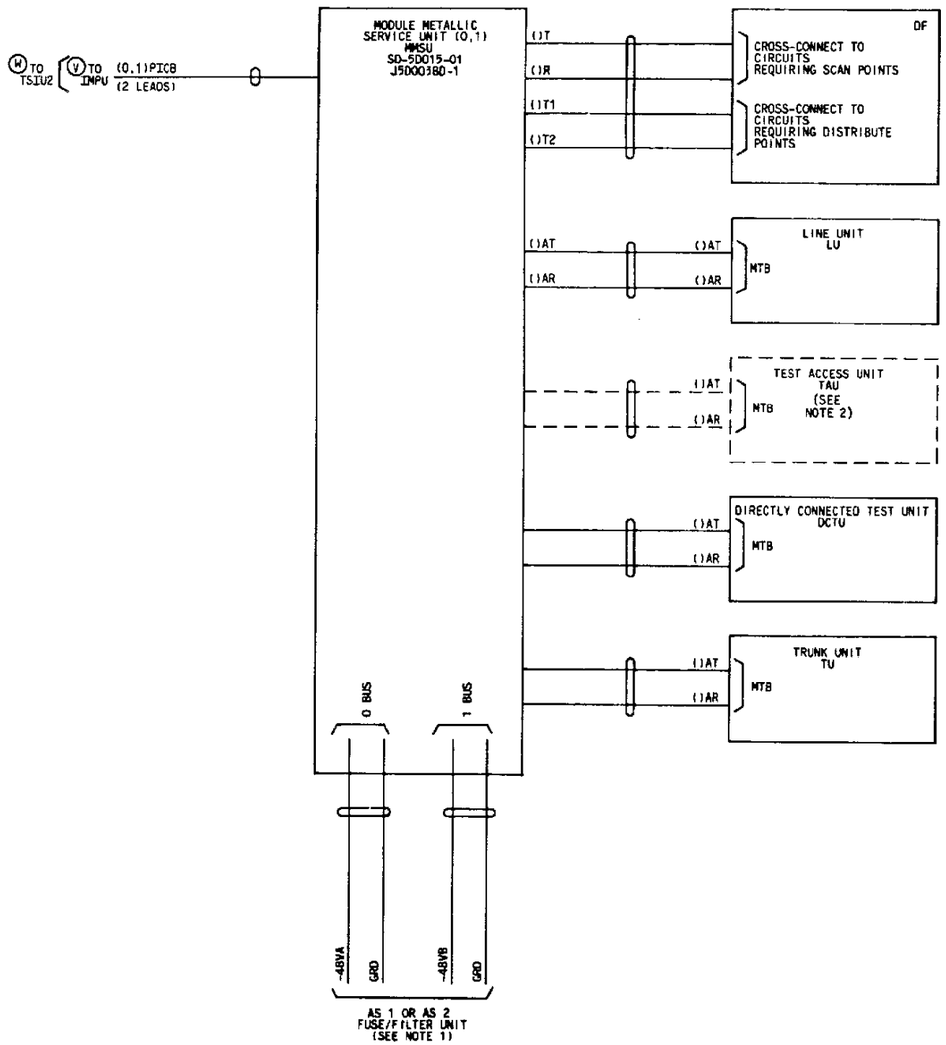
SPECIFIC MOUNTING REQUIREMENTS

THE RECOMMENDED PLACEMENT FOR THE DLTU IS IN ONE OF THE BOTTOM 2 EQUIPMENT POSITIONS IN AN LTP CABINET. THIS PLACEMENT MINIMIZES CABLE CONGESTION.

5A RSM APPLICATION SCHEMATIC	DWG SIZE A4	ISSUE 1
AT&T BELL LABORATORIES	SD- 50132-01	Bell 4

AS 5

MODULAR METALLIC SERVICE UNIT
MMSU



NOTES:

1. THE MODULAR METALLIC SERVICE UNIT IS ALWAYS REQUIRED AT THE REMOTE SWITCHING MODULE.

DESCRIPTION:

A BASIC MODULAR METALLIC SERVICE UNIT (MMSU) CONSISTS OF ONE 8 1/2" HIGH SHELF. EACH SHELF CONTAINS SERVICE GROUPS (0&1) AND HAS SEPARATE POWER & PICB'S. THIS UNIT CAN BE EQUIPPED TO PROVIDE METALLIC ACCESS FUNCTIONS, SCAN & DISTRIBUTE FUNCTIONS ALIT FUNCTIONS AND GDX COMPENSATION IN ANY COMBINATION.

A GROWTH MODULAR METALLIC SERVICE UNIT (GMMSU) CONSIST OF THE BASIC MMSU HARDWARE ENGINEERED TO MEET THE OFFICE REQUIREMENT FOR METALLIC ACCESS FUNCTIONS, SCAN & DISTRIBUTE FUNCTIONS, ALIT FUNCTION AND GDX COMPENSATION IN ANY COMBINATION IN ADDITION TO THE BASIC MMSU.

FUSING REQUIREMENT:

SD-5D015-01

SPECIFIC MOUNTING REQUIREMENTS:

IN POSITIONS 1,2 OR 3 OF LTP 2,3 OR 4

2. THE TEST ACCESS UNIT IS REQUIRED AT THE HOST BUT CAN ALSO BE USED AT THE RSM SITE.

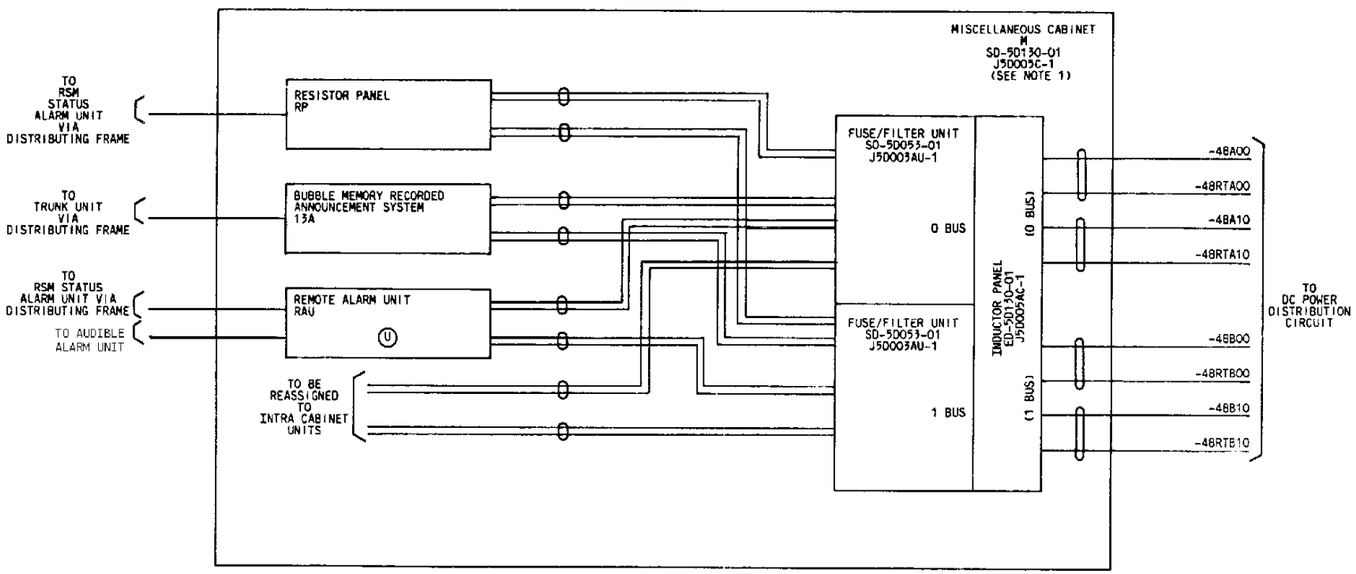
5A RSM APPLICATION SCHEMATIC	DWG SIZE B	ISSUE 1
AT&T BELL LABORATORIES	SD-5D132-01	B#6

AS 6

MISCELLANEOUS CABINET
(M)

NOTE:

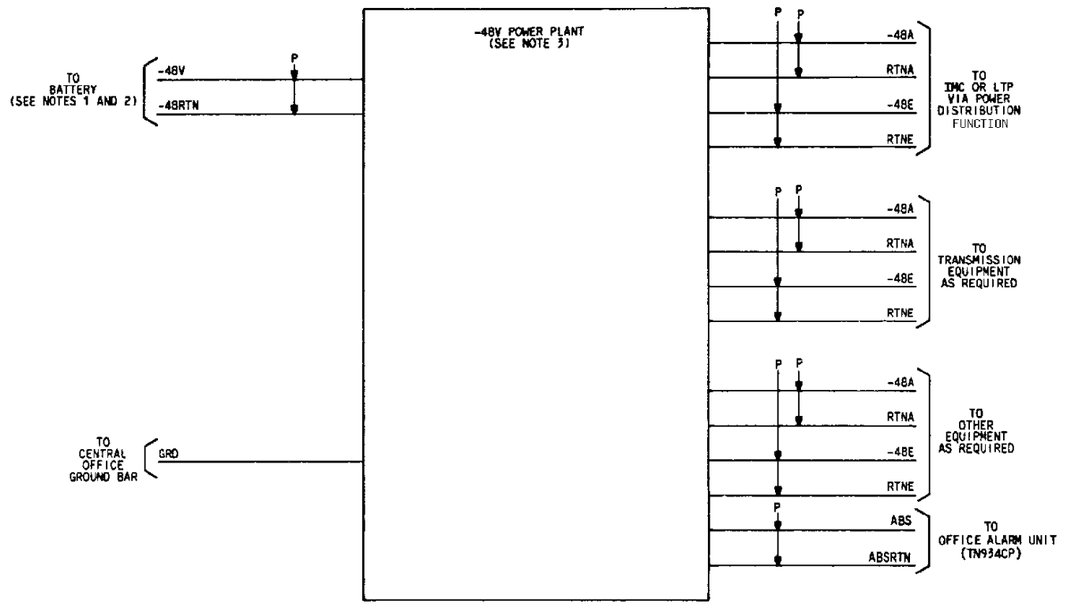
1. THE MISCELLANEOUS CABINET IN THE RSM WILL CONTAIN THE REMOTE ALARM UNIT, THE RESISTOR PANEL, THE 13A RECORDER ANNOUNCEMENT, THE INDUCTOR PANEL AND TWO FUSE/FILTER UNITS.
2. SEE NOTE 203 AND 205 FOR RSM STATUS ALARM UNIT AND AUDIBLE ALARM PANEL.



5A RSM APPLICATION SCHEMATIC		DWG SIZE: 8S	ISSUE: 1
AT&T BELL LABORATORIES	SD-5D132-01		B/P6

AS 7

-48V BATTERY PLANT
FOR RSM



NOTES:

1. IN A RSM ARRANGEMENT A SMALL BATTERY PLANT IS REQUIRED TO PROVIDE -48V POWER AT AN ESTIMATED DRAIN OF APPROXIMATELY 80 AMPS FOR 1984 LINES PLUS ANY OTHER SMALL LOADS SUCH AS TRANSMISSION EQUIPMENT. HOWEVER, THE EXISTING BATTERY PLANT MAY BE USED IF IT HAS ELECTRONIC SWITCH SYSTEM VOLTAGES AS SPECIFIED IN BSP-800-610-165 WHICH MEETS THE RSM POWER AND GROUNDING REQUIREMENTS AS SPECIFIED IN ED-50024-01.
2. THE RSM POWER PLANT MUST BE EQUIPPED WITH AN AUTOMATIC RESTART TYPE OF RECTIFIER.
3. THE RSM MAY BE USED WITH A POWER PLANT AND A POWER DISTRIBUTION CABINET PER ED-50024-01 FIGURE 1, OR WITHOUT A POWER DISTRIBUTION CABINET PER SD-50024-01 FIGURE 2.

5A RSM APPLICATION SCHEMATIC	DWG SIZE M	ISSUE 1
AT&T BELL LABORATORIES	SD-50132-01	BAY 7

AS 8

INTER BAY FAN UNIT ALARM SCAN/DISTRIBUTE CONNECTIONS
(SEE NOTE 200)

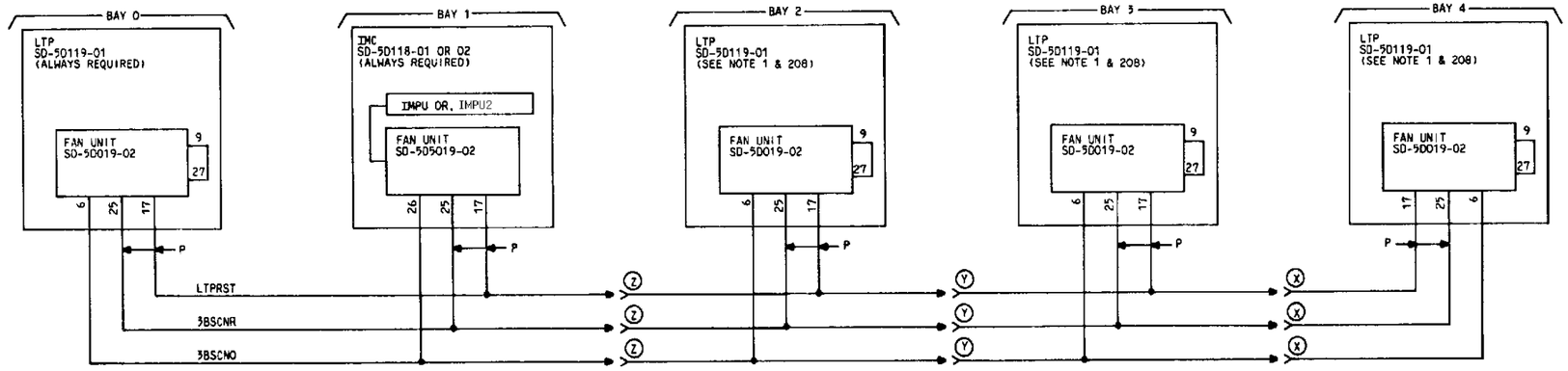
NOTES:

1. THE WIRING OPTIONS (Z,Y,X) ARE CUMULATIVE DEPENDENT UPON THE NUMBER OF LTP CABINETS REQUIRED WITHIN THE INTERFACE MODULE:

   FOR 2 LTP'S USE OPTION Z.

   FOR 3 LTP'S USE OPTION Z, PLUS OPTION Y

   FOR 4 LTP'S USE OPTION Z, PLUS OPTION Y, PLUS OPTION X.



SEE PROPRIETARY NOTICE ON COVER SHEET

5A RSM APPLICATION SCHEMATIC	DWG SIZE B3	ISSUE 1
AT&T BELL LABORATORIES SD-5D132-01		B/F8

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL			VOLTAGE RANGE

102.

NETWORK VALUES			
NETWORK NO.	NETWORK CODE	RESISTANCE IN OHMS	CAPACITANCE IN UF

EQUIPMENT NOTES:

200. THIS DOCUMENT SHOWS THE STRAP WIRING REQUIRED FOR THE FAN UNIT ALARM,SCAN AND DISTRIBUTE CONNECTIONS BETWEEN THE BAYS IN AN IM.

201. FAN FUSING ARRANGEMENTS FOR THE DMC AND LTP CABINETS S-ALL BE FIXED AS FOLLOWS:

EQL	FUSING UNIT TERMINAL LEADS		
( ) 69-020	53,52:	43,42:	41,40
( ) 69-114	53,52:	43,42:	41,40

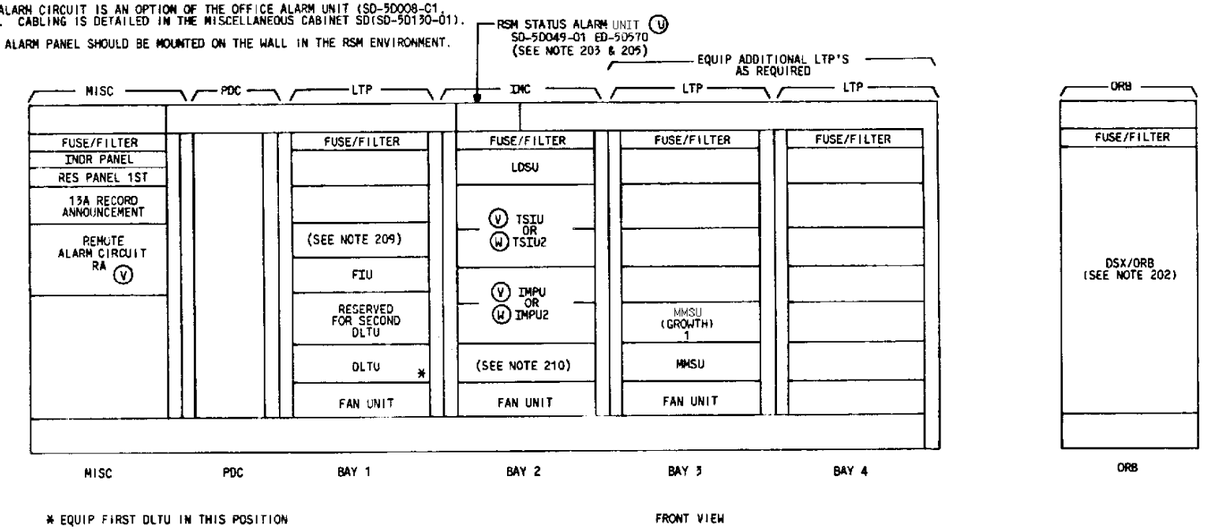
202. THE DIGITAL CROSS-CONNECT (DSX) AND THE OFFICE REPEATER BAY (ORB) ARE TWO BE SPECIFIED AND ENGINEERED BY THE LINE ENGINEERS.

203. THE RSM STATUS ALARM UNIT (ED-5D570-30) MOUNTS ON THE LEFT SIDE OF BAY 2 WITHIN THE RSM EQUIPMENT LINE UP; A RESISTER BACKPLANE CONNECTOR (ED-5D064-30) IS REQUIRED WITH THE RSM STATUS ALARM UNIT. SEE SD-5D049-01.

204. THE REMOTE ALARM CIRCUIT IS AN OPTION OF THE OFFICE ALARM UNIT (SD-5D008-C1, J5D005AD-1). CABLING IS DETAILED IN THE MISCELLANEOUS CABINET SD(SD-5D130-01).

205. THE AUDIBLE ALARM PANEL SHOULD BE MOUNTED ON THE WALL IN THE RSM ENVIRONMENT.

206.



* EQUIP FIRST DLTU IN THIS POSITION

FRONT VIEW

207. ASSIGNMENT OF PIC8 CABLES INTERCONNECTING THE TSIU 2 OR IMPU AND THE PERIPHERAL UNITS AND ASSIGNMENT TO PID8 CABLES INTERCONNECTING THE TSIU OR TSIU2 AND THE PERIPHERALS ARE DECRIBED IN SD-90007-01. THE ASSIGNMENT RULE REQUIRES A MINIMUM OF FOUR.

208. OPTION NOTES:

(Z) - D3 WIRING ASSOCIATED WITH LTP BAY 3.

(Y) - D3 WIRING ASSOCIATED WITH LTP BAY 4.

(X) - D3 WIRING ASSOCIATED WITH LTP BAY 5.

(W) - EQUIPMENT INFORMATION ASSOCIATED WITH TSIU2 AND IMPU2.

(V) - EQUIPMENT INFORMATION ASSOCIATED WITH TSIU AND IMPU.

(U) - THE AUDIO AND VISUAL ALARMS ARE OPTIONALABLE AT THE RSM SITE.

209. THE FIRST 8 1/2 INCH SHELF ABOVE THE FIU SHOULD BE RESERVED FOR THE OPTIONABLE REMOTE CLOCK UNIT (J5D003FC-1). THE OPTION ONLY APPLIES WHEN THE 5A-RSM ARE TO BE CONVERTED TO A MULTIPLE MODULAR REMOTE SWITCHING SYSTEM (MM-RSM).

210. THE SPACE DIRECTLY BELOW THE IMPU OR IMPU2 SHOULD BE RESERVED FOR THE MEMORY EXPANSION UNIT (MEU).

5A RSM APPLICATION SCHEMATIC	DWG SIZE A4	ISSUE 1
AT&T BELL LABORATORIES	SD-5D132-01	D1

INFORMATION NOTES:

501. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS
CAPACITANCE VALUES ARE IN MICROFARADS.
VALUES PRECEDED BY THE SYMBOL + (PLUS) OR - (MINUS) ARE IN VOLTS.

502.

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY

503.

RECORD OF APP FIGURES, WIRING AND APPARARTUS CHANGES						
CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MO

504. A SUBSCRIBER LOOP CARRIER (SLC ®96) SYSTEM IS A PAIR GAIN SYSTEM THAT REDUCES THE NEED FOR NEW CABLING BY INCREASING THE NUMBER OF CUSTOMERS SERVED BY THE EXISTING FACILITIES. DETAILED INFORMATION ON THE SLC 96 SYSTEM CAN BE OBTAINED BY CONTACTING R.P. PARTHAN, PRODUCT PLANNING MANAGER, LOOP ELECTRONIC, BURLINGTON, MASS., (617) 273-5750 (CORNET 230-5219).

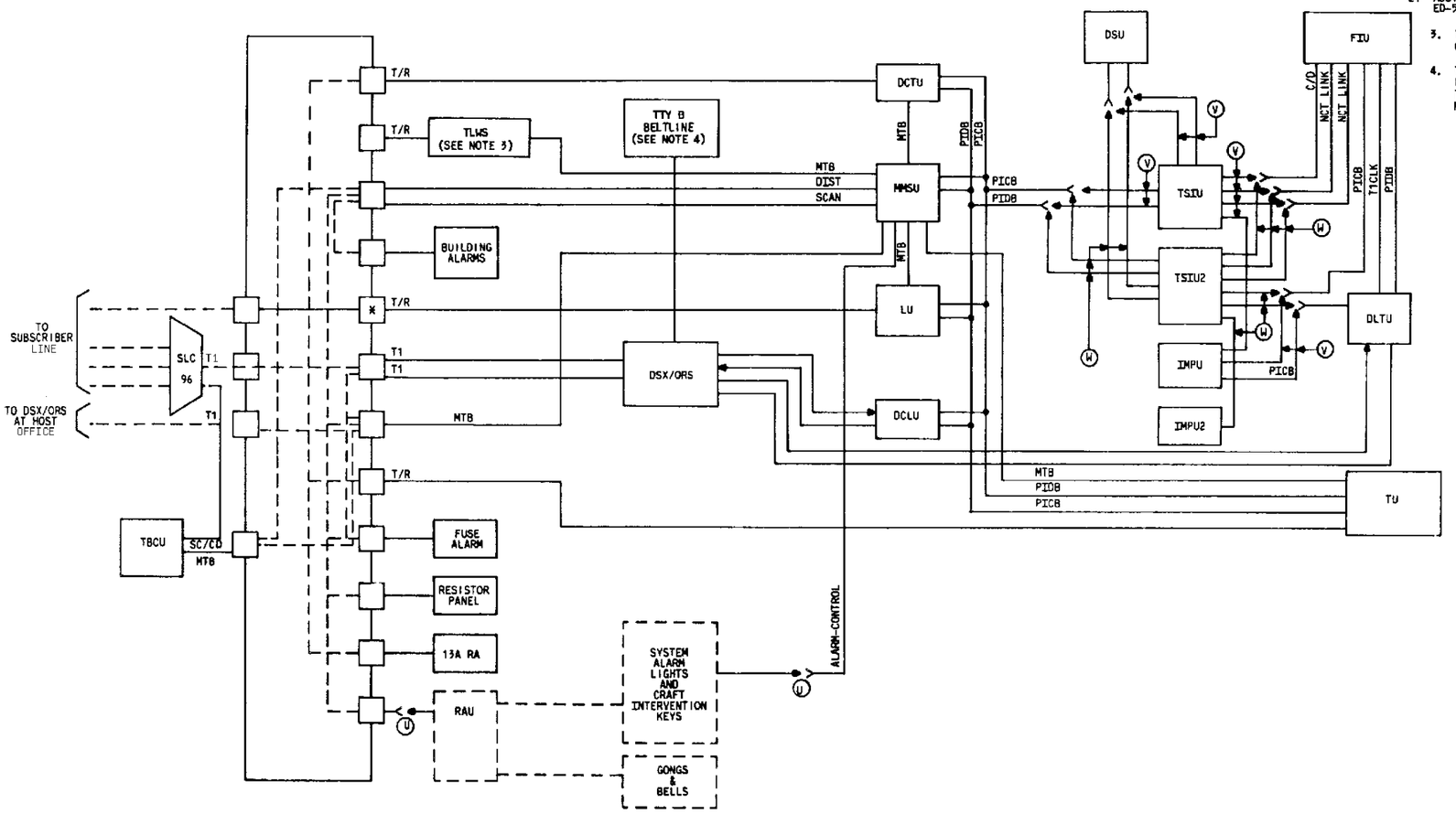
5A RSM APPLICATION SCHEMATIC	DWG SIZE B	ISSUE 1
AT&T BELL LABORATORIES	SD-5D132-01	D#1

BD I

BLOCK DIAGRAM OF
THE 5A RSM CABLING

NOTES:

1. WHEN THE RSM USES THE TSIU2 AND THE IMPU2 THE PICB'S FOR BOTH THE DLTU AND THE FIU ARE TO BE PROVIDED FROM THE TSIU2, OTHERWISE, THE PICB'S FOR THE FIU AND THE DLTU ARE PROVIDED FROM THE IMPU. SEE SD-50007-01 FOR PICB'S ASSIGNMENTS.
2. ADDITIONAL RSM CABLING INFORMATION IS CONTAINED IN ED-5D500-10 ON SHEET A20.
3. THE TEST ACCESS UNIT IS REQUIRED AT THE HOST BUT CAN ALSO BE USED AT THE RSM SITE.
4. THE TTY B BELTLINE IS INDEPENDENT FROM THE HOST MAIN BELTLINE (TTY A). THE TTY B IS INTENDED TO BE CONNECTED TO OTHER RSM WITHIN THE SAME MULTI MODULAR RSM(S) ONLY.



K GAS TUBE PROTECTION IS REQUIRED FOR THE 5ESS LINE UNIT (SEE 5ESS™ LINE INTERFACE CABINET DESIGN MEMO RANDUM: 55614-830610.01MFI TYPICAL EQUIPMENT ARE SHOWN IN ED-5D025-11 AND THE MAIN FRAME ASSIGNMENT IS CONTAINED IN ED-5D027-01.

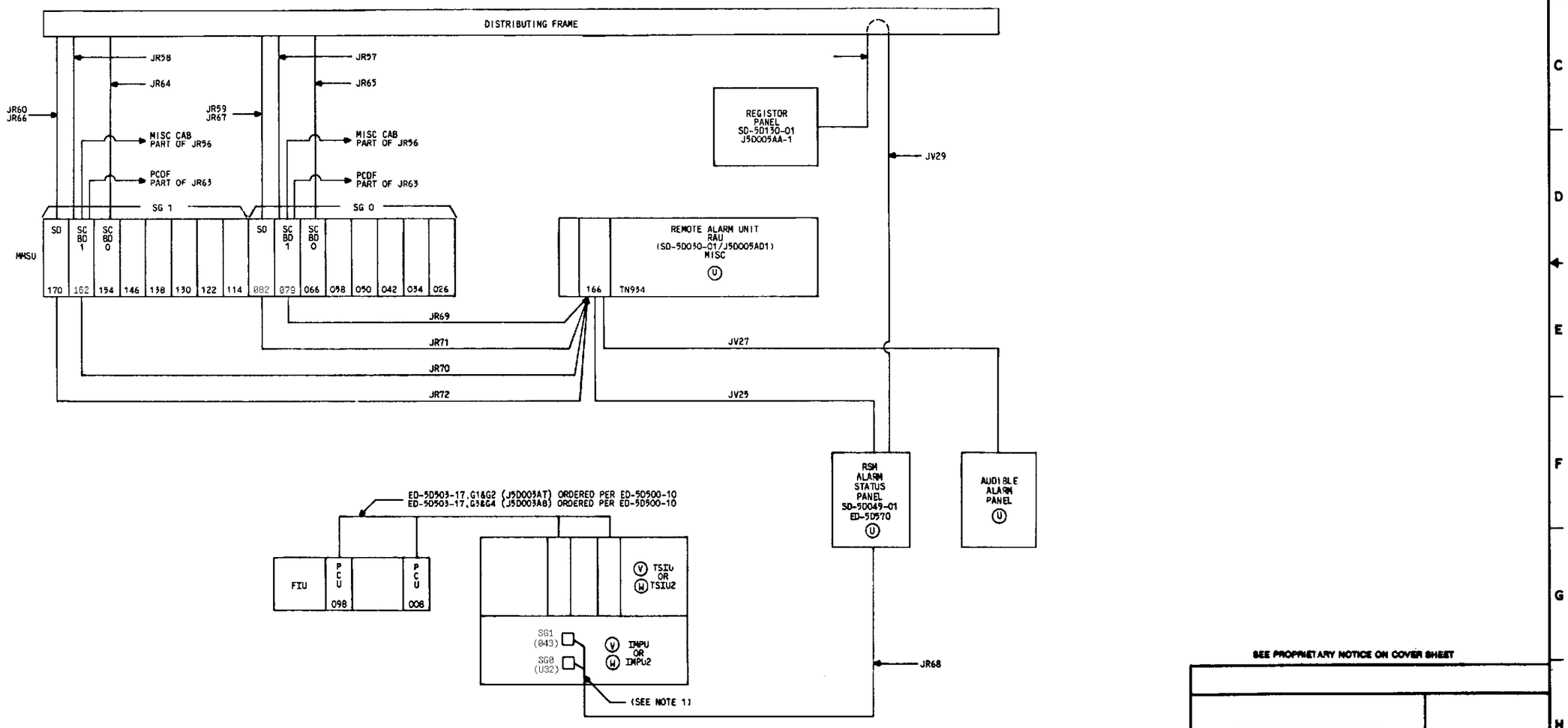
5A RSM APPLICATION SCHEMATIC	DWG SIZE B	ISSUE /
AT&T BELL LABORATORIES	SD-50132-01	H#1

BD 2

BLOCK DIAGRAM OF THE 5A RSM ALARM
NETWORK CABLING

NOTES:

1. THE BACKPLANE CONNECTOR FOR THE CRAFT INTERVENTION KEY FOR IMPU (J5D003AA-2) OR IMPU2 (J5D003AY-1) MUST BE PLUG AT EQL'S 128-088-032 AND AT 128-068-045. SEE RSM ALARM AND STATUS PANEL (SD-5D049-01) FOR ADDITIONAL INFORMATION.

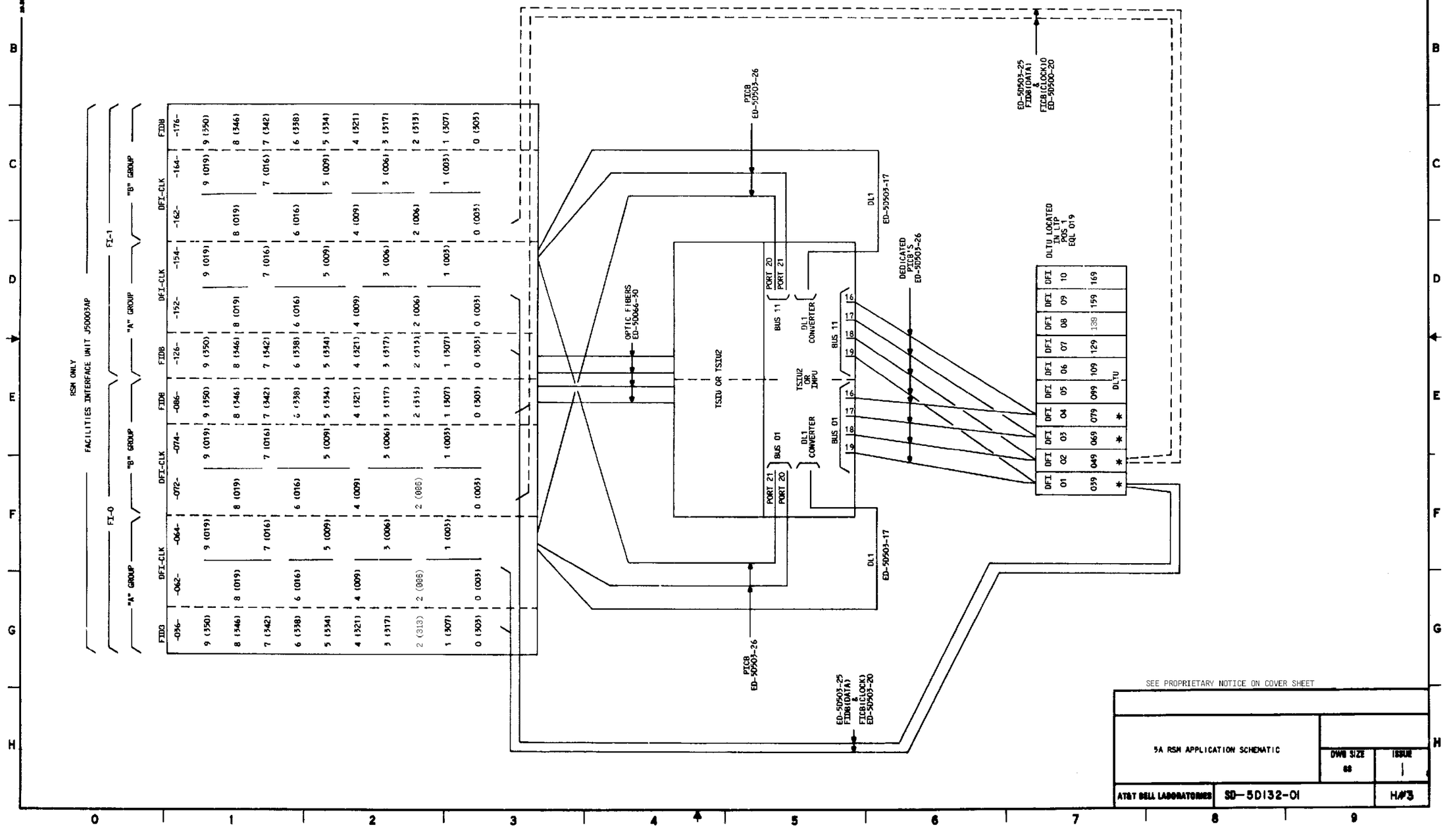


SEE PROPRIETARY NOTICE ON COVER SHEET

5A RSM APPLICATION SCHEMATIC	DWG SIZE B	ISSUE 1
AT&T BELL LABORATORIES	SD-5D132-01	H#2

BD 3

BLOCK DIAGRAM
TYPICAL RSM CABLING
INFORMATION

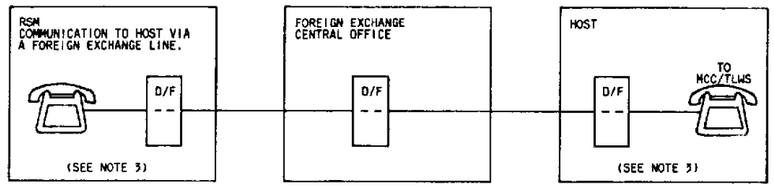


SEE PROPRIETARY NOTICE ON COVER SHEET

5A RSM APPLICATION SCHEMATIC	DWG SIZE 88	ISSUE 1
AT&T BELL LABORATORIES SD-5D132-01		H/P3

BD 4

BLOCK DIAGRAM OF
THE 5A RSM COMMUNICATION LINE



NOTES:

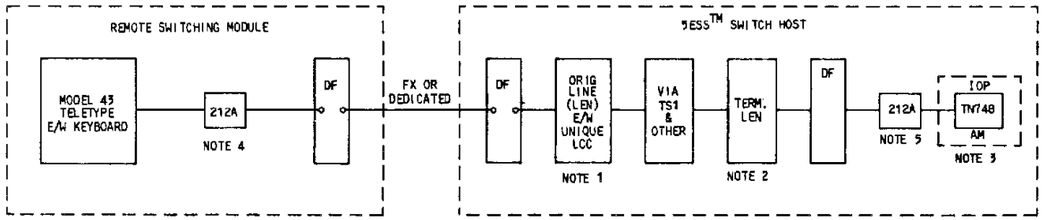
1. THE RSM TTY IS CONNECTED TO THE NON-LOAD SIDE OF THE T1-CABLE (UNUSED PAIRS) OR VIA SEPARATE DEDICATED FOUR WIRE CABLE.
2. THE CONNECTION SHOWN MUST BE ASSIGNED BY THE LINE ENGINEER.
3. THE COMMUNICATION BUS BETWEEN THE 5A RSM AND THE HOST MUST BE ENGINEERED AS A FOREIGN EXCHANGE LINE.
4. THE ENGINEERING FOR MORE THAN ONE TTY CONNECTION BACK TO THE HOST OFFICE MUST BE TO USE UNUSED STLWS PORTS OR TO PROVIDE PARTY LINE CONNECTION BETWEEN THE RSM AND THE HOST.

5A RSM APPLICATION SCHEMATIC	DWG SIZE B6	ISSUE 1
AT&T BELL LABORATORIES	SD-5D132-01	H#4

BD 5

BLOCK DIAGRAM OF THE 5A
RSM BELTLINE MAINTENANCE
VIA DEDICATED FACILITIES, FOREIGN EXCHANGES, OR
ORDER WIRE.

RSM BELTLINE (A)



NOTES:

1. A UNIQUE LINE CLASS CODE IS NEEDED.
2. SPECIAL ROUTING IS REQUIRED TO PERMIT ONLY THE DIRECT CONNECT LINE TO ACCESS THIS LEN.
3. THIS ARRANGEMENT USES THE TTY-B CHANNEL AND THE TTY-A WILL BE USED AT THE HOST FOR BELTLINE MAINTENANCE.
4. REQUIRES DATA PHONE TO ORIGINATE & MONITOR FOR A BUSY. 212A DATA NEEDS LOW SPEED (300 BAUD), ORIGINATE MODE, AND DISCONNECT ON LOSS OF CARRIER OPTIONS.
5. 212A DATA SET AT TERMINATING END NEEDS DISCONNECT ON LOSS OF CARRIER, 300 BAUD, AND ANSWER MODE OPTIONS.

5A RSM APPLICATION SCHEMATIC

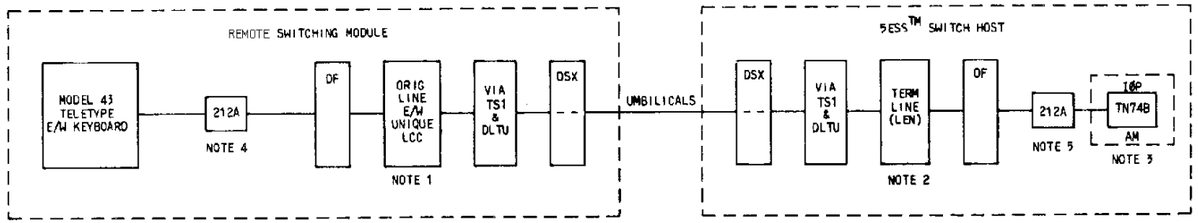
DWG SIZE: 08

ISSUE: 1

AT&T BELL LABORATORIES | SD-5D132-01 | H&PS

BD 6

BLOCK DIAGRAM OF THE 5A RSM
BELTLINE MAINTENANCE FOR RSM
WITH RSM PROVIDING SWITCHED ACCESS
RSM BELTLINE (8)



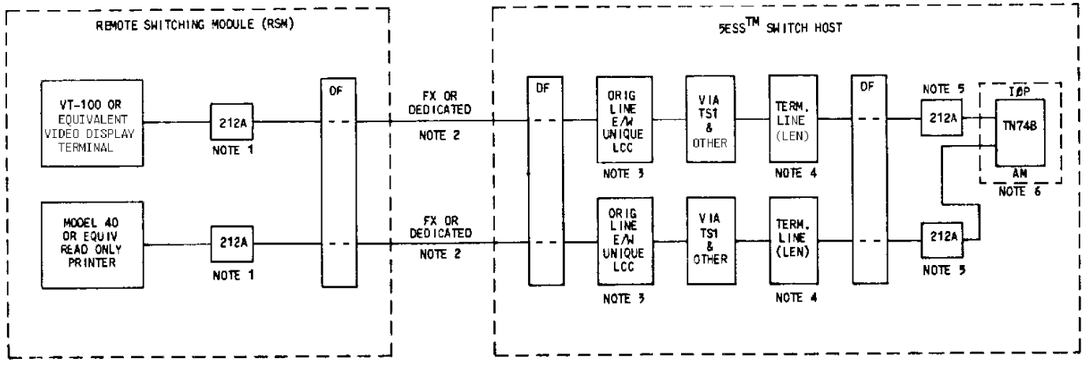
NOTES:

1. A UNIQUE LINE CLASS CODE IS NEEDED.
2. SPECIAL ROUTING IS REQUIRED TO PERMIT ONLY THE BELTLINE ORIGINATING LEN TO ACCESS THIS TERMINATING LEN.
3. THIS ARRANGEMENT USES THE TTY-B CHANNEL AND THE TTY-A CHANNEL WILL BE USED FOR THE HOST.
4. REQUIRES DATA PHONE TO ORIGINATE AND MONITOR FOR A BUSY. THE 212A DATA SET NEEDS LOW SPEED (300 BAUD), ORIGINATE MODE, AND DISCONNECT ON LOSS OF CARRIER OPTIONS.
5. THE 212A DATA SET AT TERMINATING END NEEDS DISCONNECT ON LOSS OF CARRIER, 300 BAUD, AND ANSWER MODE OPTIONS.
6. IN THE RSM PROVIDING SWITCHED ACCESS, THE RSM MUST BE CAPABLE OF SWITCHING THE CALL TO THE HOST TO PERMIT ACCESS TO THE BELTLINE MAINTENANCE CHANNEL. THE RSM LINE UNIT THAT HAS THE ORIGINATING LEN MUST BE OPERATIONAL AND THE RSM CANNOT BE IN STAND-ALONE MODE.
7. THE MAINTENANCE ACTIVITIES WOULD BE INTERRUPTED AT THE RSM DURING STAND-ALONE MODE ANYWAY, BECAUSE THE HOST CANNOT SEND ANY ORDERS OR DIAGNOSTICS TO AN ISOLATED SWITCHING MODULE.

5A RSM APPLICATION SCHEMATIC	DWG SIZE A4	ISSUE 1
AT&T BELL LABORATORIES	SD-50132-01	H#6

BD 7

BLOCK DIAGRAM OF THE 5A
RSM MAINTENANCE USING REMOTE STLWS
VIA DEDICATED FACILITIES
RSM BELTLINE (C)



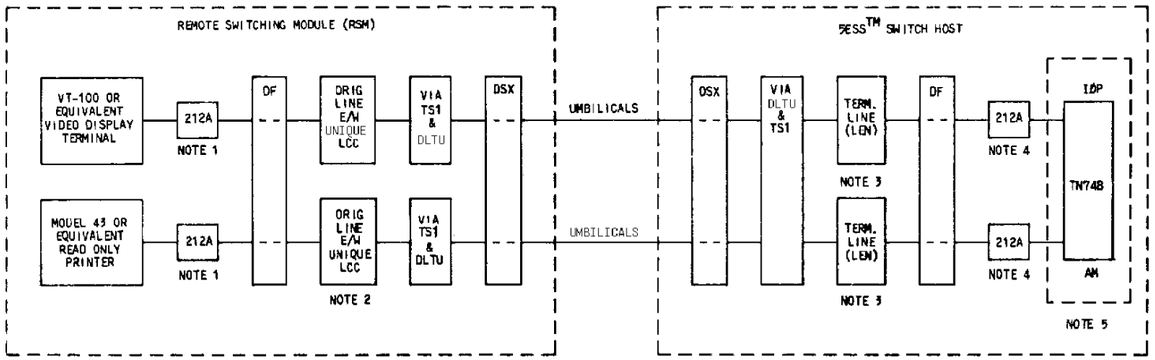
NOTES:

1. DATA PHONE IS REQUIRED TO ORIGINATE CALL. THE 212A DATA SET WILL OPERATE AT 1200 BAUD.
2. ANY VOICE GRADE FACILITY (DIGITAL OR ANALOG) MAY BE USED.
3. A UNIQUE LINE CLASS CODE SHOULD BE USED.
4. SPECIAL SCREENING SHOULD BE USED TO PERMIT ONLY LINES WITH A PARTICULAR LINE CLASS CODE TO ACCESS THIS LINE.
5. THE 212A DATA SET MUST BE OPTIONED TO DISCONNECT UPON LOSS OF CARRIER, 1200 BAUD OPERATION, AND ANSWER MODE. SEPARATE PORTS OF THE TN748 ARE USED FOR PRINTER AND VIDEO DISPLAY TERMINAL.
6. A DIAL-UP CONNECTION USING THE DDD NETWORK IS NOT RECOMMENDED DUE TO THE LACK OF SECURITY OR PASSWORD FEATURES ON THE IØP FOR THE REMOTE STLWS.
7. WHEN THE OPTIONAL PRINTER IS USED, THE TERMINATING LINES FOR BOTH THE VIDEO DISPLAY TERMINAL AND THE PRINTER MUST TERMINATE ON SEPARATE PORTS OF THE SAME IØP CIRCUIT PACK (TN748).

5A RSM APPLICATION SCHEMATIC	DWG SIZE B	ISSUE 1
AT&T BELL LABORATORIES	3D-50132-01	H#7

BD 8

BLOCK DIAGRAM OF THE 5A
RSM MAINTENANCE USING REMOTE STLWS
WITH RSM PROVIDING SWITCHED ACCESS
RSM BELTLINE (C)



NOTES:

1. DATA PHONE IS REQUIRED TO ORIGINATE CALL. THE 212A DATA SET WILL OPERATE AT 1200 BAUD.
2. A UNIQUE LINE CLASS CODE SHOULD BE USED.
3. SPECIAL TERMINATING SCREENING SHOULD BE USED TO PERMIT ONLY LINES WITH A PARTICULAR LINE CLASS CODE TO ACCESS THIS LINE.
4. THE 212A DATA SET MUST BE OPTIONED TO DISCONNECT UPON LOSS OF CARRIER, 1200 BAUD OPERATION, AND ANSWER MODE.
5. SEPARATE PORTS OF THE TN74B CIRCUIT PACK ARE USED FOR PRINTERS AND VIDEO DISPLAY TERMINALS.
6. THE SWITCHING CONTROL CENTER (SCC) MAY BE USED TO PROVIDE MAINTENANCE OF THE RSM. THE TELCO MAY CHOOSE TO UTILIZE THE SCC VIA DIALED-UP CONNECTIONS TO THE SCC FROM THE RSMS FOR THE RSM MAINTENANCE TERMINAL CAPABILITIES. THE SCC PERMITS DIALED-UP ACCESS TO SOME OF ITS PORTS WITH PASS WORD AND DIAL-BACK CAPABILITIES FOR SECURITY.

5A RSM APPLICATION SCHEMATIC	DWG SIZE B	ISSUE 1
AT&T BELL LABORATORIES	SD-5D132-01	H#8