

SHEET INDEX

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OPTION INDEX

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION

DWG ISSUE	CD	DATE ISSUED	DESIGNER	APPR
1	1	6-30-81	AS	DNG CEJ
2D	2D	10-28-83	URB	DFV
3A	2D	10-28-83	HAL	DFV
4D	2D	8-16-84	NPL	DFV

USED ON

FRAME SD	PROJECT	DSCR CONT

SUPPORTING INFORMATION		SHEET INDEX NOTES
CATEGORY	NO.	
		1. WHEN CHANGES ARE MADE IN THIS DRAWING ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
		2. THIS SHEET INDEX WILL BE REISSUED AND BROUGHT UP TO DATE EACH TIME ANY SHEET OF THE DRAWING IS REISSUED, OR A NEW SHEET IS ADDED.
		3. THE ISSUE NUMBER ASSIGNED TO A CHANGED OR NEW SHEET WILL BE THE SAME ISSUE NUMBER AS THAT OF THE SHEET INDEX.
		4. SHEETS THAT ARE NOT CHANGED WILL RETAIN THEIR EXISTING ISSUE NUMBER.
		5. THE LAST ISSUE NUMBER OF THE SHEET INDEX IS RECOGNIZED AS THE LATEST ISSUE NUMBER OF THE DRAWING AS A WHOLE.

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7113

SESS[®] SWITCHING EQUIPMENT
 INTERFACE MODULE APPLICATION SCHEMATIC

* TRADEMARK OF AT&T TECHNOLOGIES

DWG SIZE 6S
 ISSUE 4D

AT&T BELL LABORATORIES SD-50012-01
 A1
 22 SHEETS

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AS-5 DIGITAL SERVICE UNIT (GLOBAL)	B#4	B#5	2 & 3
AS-6 METALLIC SERVICE UNIT	B#5	B#6	2 & 3
AS-7 MODULAR METALLIC SERVICE UNIT		B#7A	2
AS-8 LINE UNIT	B#6	B#8A	2 & 3
<i>SHEET NO. CANCELED ON DWG ISSUE 3A</i>	B#6A		
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AS-12 FACILITIES INTERFACE UNIT (FIU)	B#6C	B#12	2
<i>SHEET NO. CANCELED ON DWG ISSUE 3A</i>	B#7		
<i>SHEET NO. CANCELED ON DWG ISSUE 3A</i>	B#8		
AS-13 INTER BAY FUSE ALARM LEADS		B#13	2
		B#14	2
AS-14 INTER BAY FAN UNIT AND ALARM SCAN/DISTRIBUTE CONNECTIONS	B#9	B#15	2
AS-15 IM 4B RTN INTERCONNECTION	B#10	B#16	4
AS-16 REMOTE NETWORK CLOCK UNIT		B#17	4
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	D2		
	D#1		
NOTES		D#1A	4
		D#2	4
		D#3	4

SUPPORTING INFORMATION

CATEGORY	NO.

SHEET INDEX NOTES

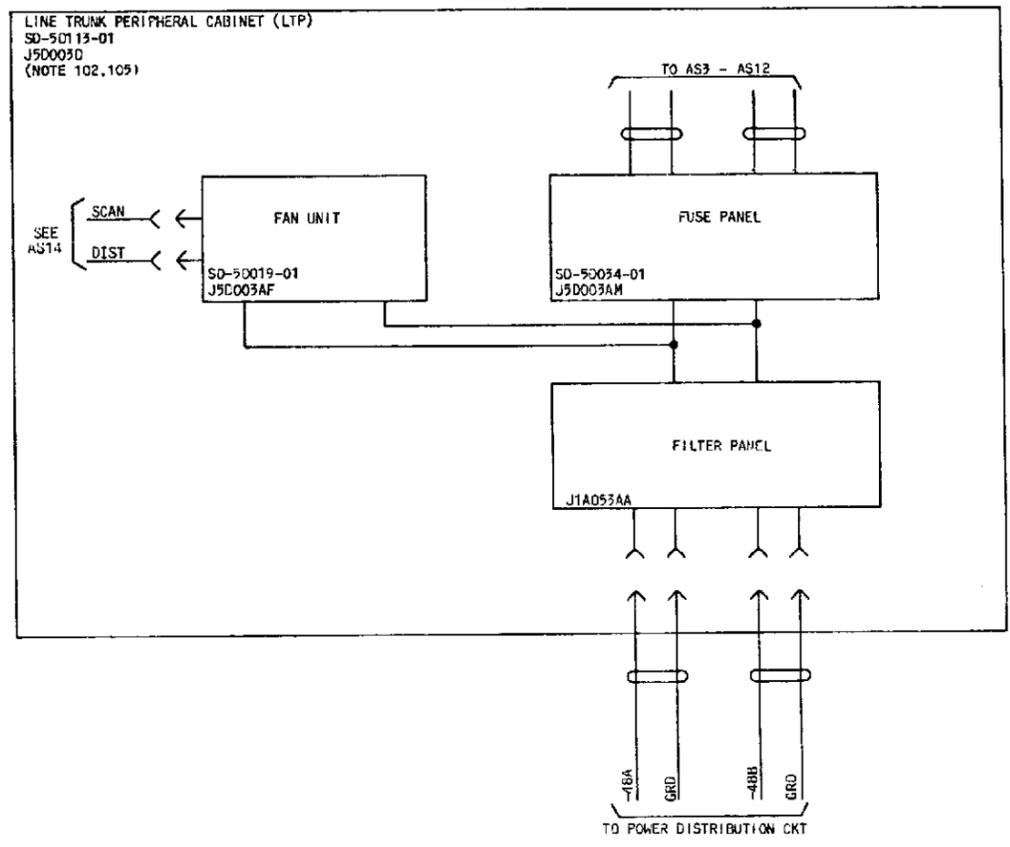
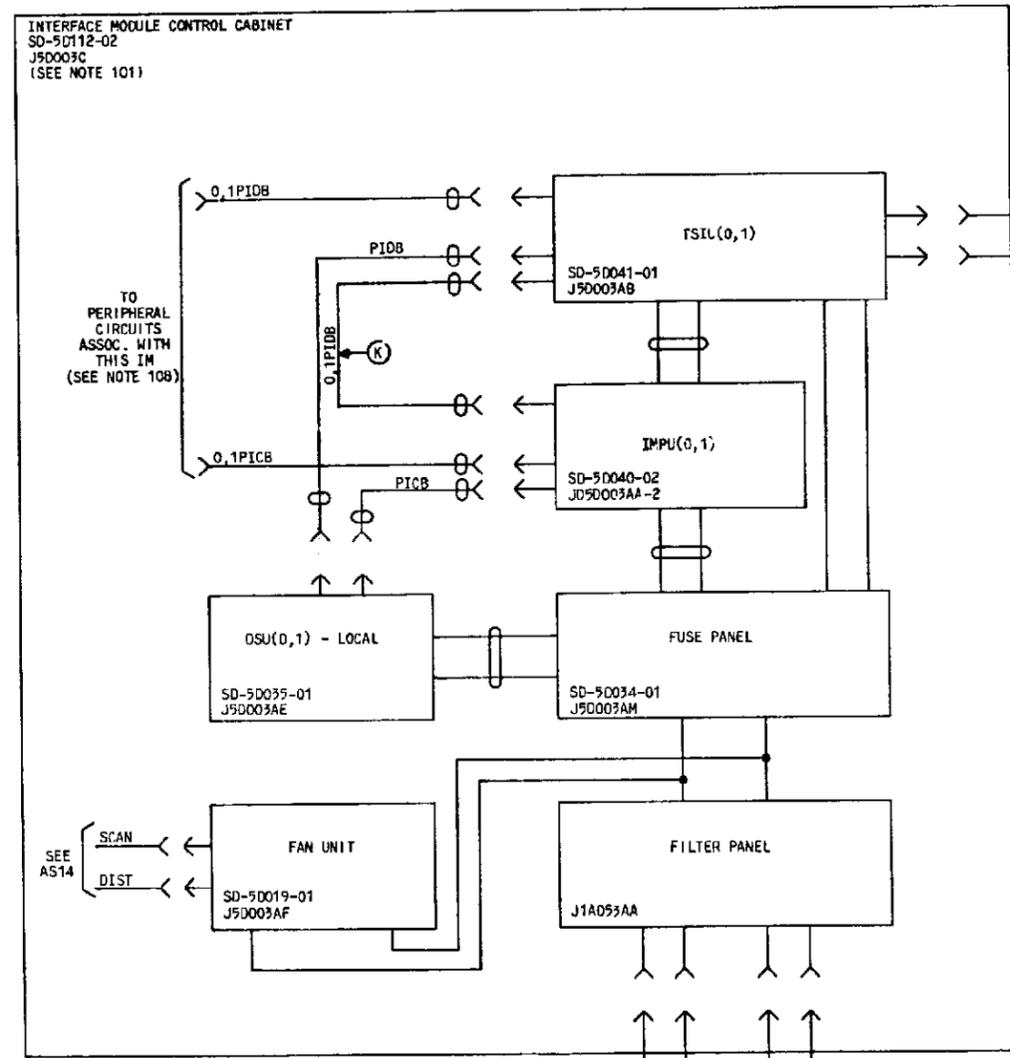
- WHEN CHANGES ARE MADE IN THIS DRAWING ONLY THOSE SHEETS AFFECTED WILL BE REISSUED.
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FIGURES, NOTES, AND OTHER INFORMATION REFERENCED IN THIS DRAWING, BUT NOT LISTED IN THE "OPERATION AND MAINTENANCE" SHEET INDEX ARE REQUIRED FOR ENGINEERING AND MANUFACTURING PURPOSES ONLY, AND ARE NOT PROVIDED.

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5ESS SM SWITCHING EQUIPMENT INTERFACE MODULE APPLICATION SCHEMATIC		AT&T PROVISIONAL	
OPERATION AND MAINTENANCE		DWG SIZE 65	ISSUE 4D
* TRADEMARK OF AT&T TECHNOLOGIES		A#1 21 SHEETS	
AT&T BELL LABORATORIES		SD-5D012-01	

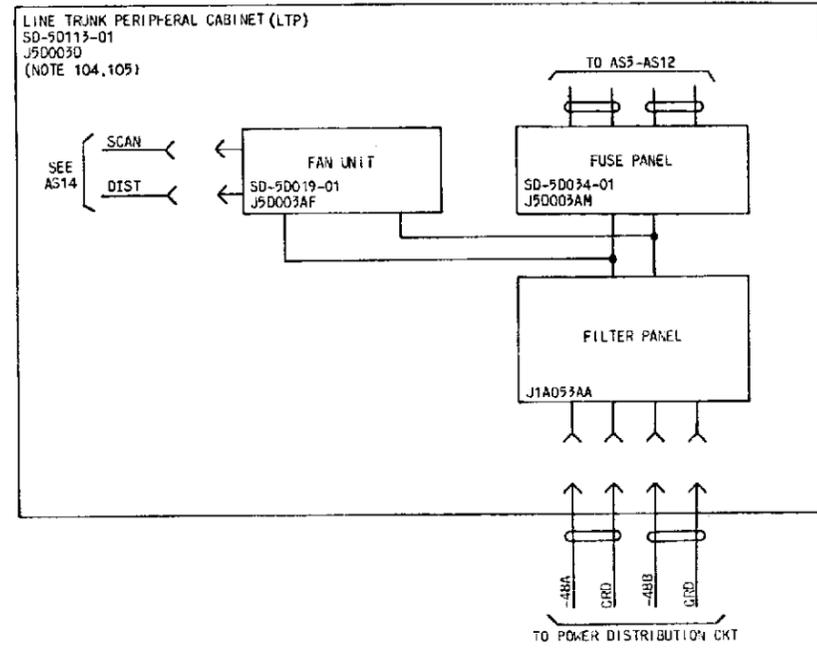
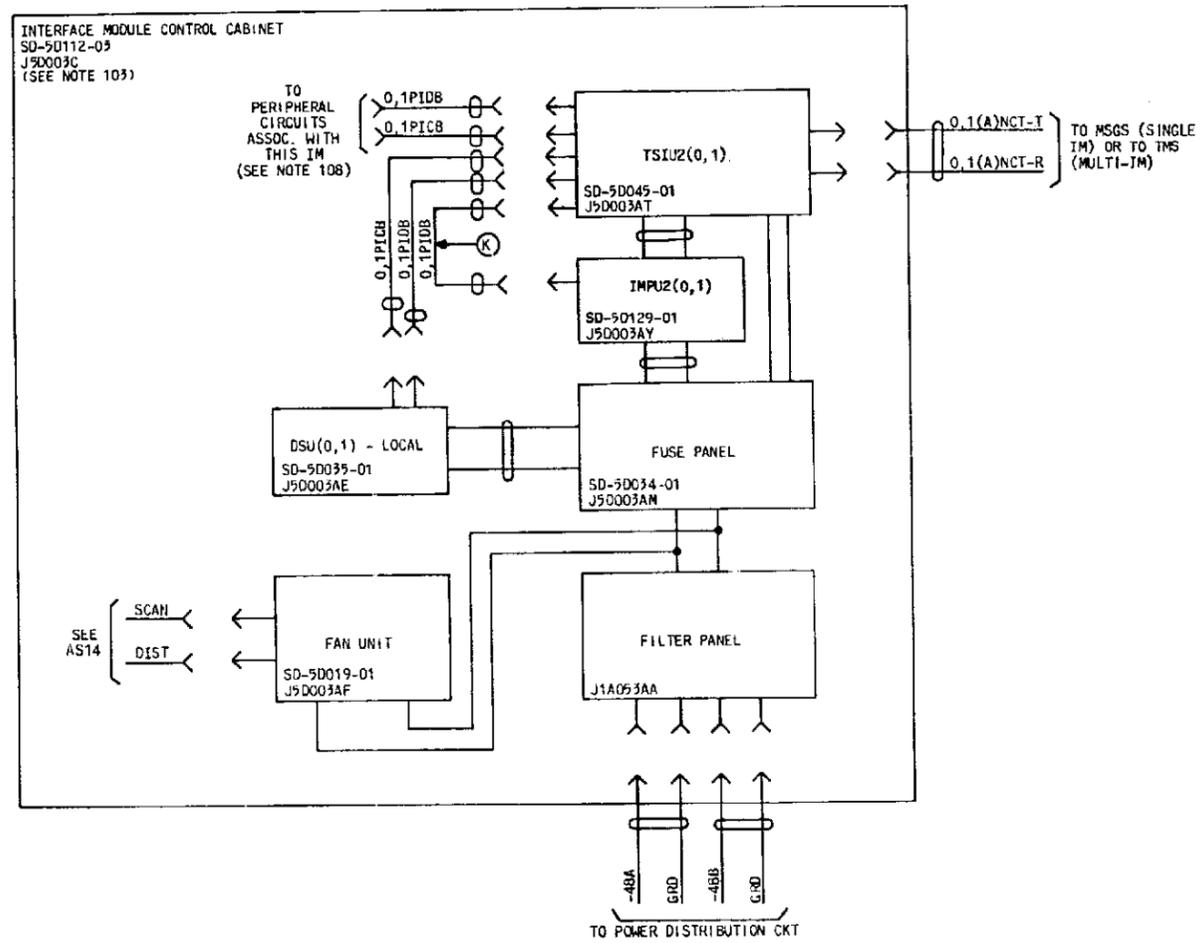
AS-1
INTERFACE MODULE CABINETS



INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		65	3A
BELL LABORATORIES	SD-50012-01	SHEET B#1A	

AS-2

INTERFACE MODULE CABINETS
WITH TSIU2/IMPU2



INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		6S	2D
BELL LABORATORIES	SD-50012-01	SHEET B#2	

AS-3

TRUNK UNIT
(TU)

DESCRIPTION

EACH TRUNK UNIT IS AN 8 1/2" HIGH SHELF WHICH PROVIDES FOR TERMINATION OF UP TO 64 VOICE FREQUENCY TRUNK CIRCUITS. THESE TRUNKS MAY BE USED FOR INTEROFFICE TRUNKS AND/OR TRUNKS TO SWITCHBOARDS, OPERATOR POSITIONS AND ANNOUNCEMENT MACHINES.

CAPACITY

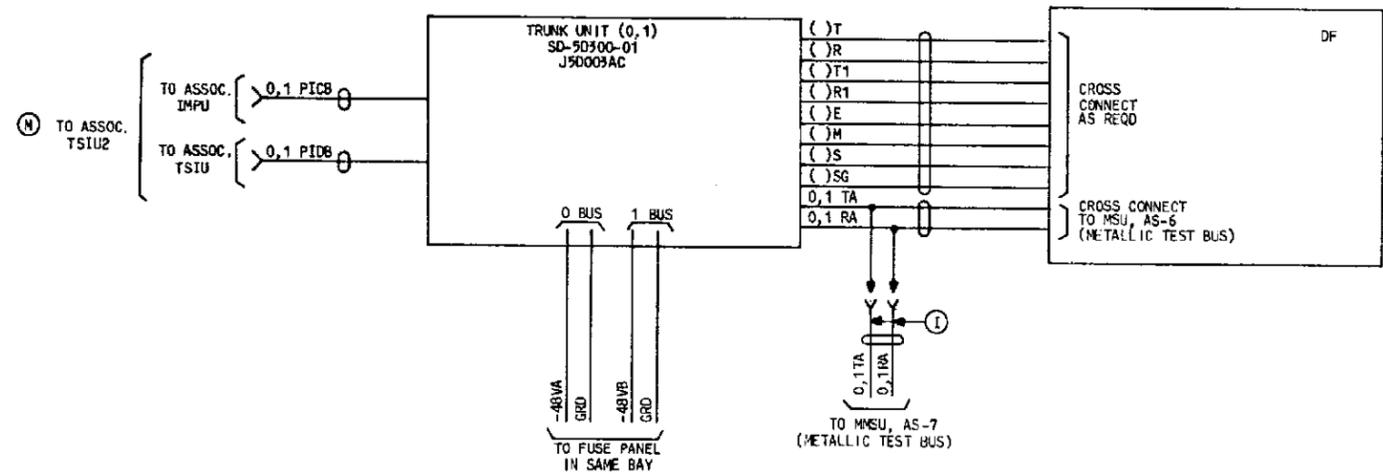
EACH UNIT CONTAINS TWO SIMPLEX SERVICE GROUPS CAPABLE OF TERMINATING 32 TRUNKS EACH.

FUSING REQUIREMENT

ONE 700 (5 AMP) FUSE PER POWER BUS PER UNIT. POWER BUS 0 CONNECTED TO SERVICE GROUP 0. POWER BUS 1 CONNECTED TO SERVICE GROUP 1.

SPECIFIC MOUNTING REQUIREMENTS

CABINETS - ANY AVAILABLE POSITION IN AN LTP CABINET.



INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		65	3A
BELL LABORATORIES	SD-50012-01	SHEET B#3	

AS-4

DIGITAL LINE-TRUNK UNIT
(DLTU)

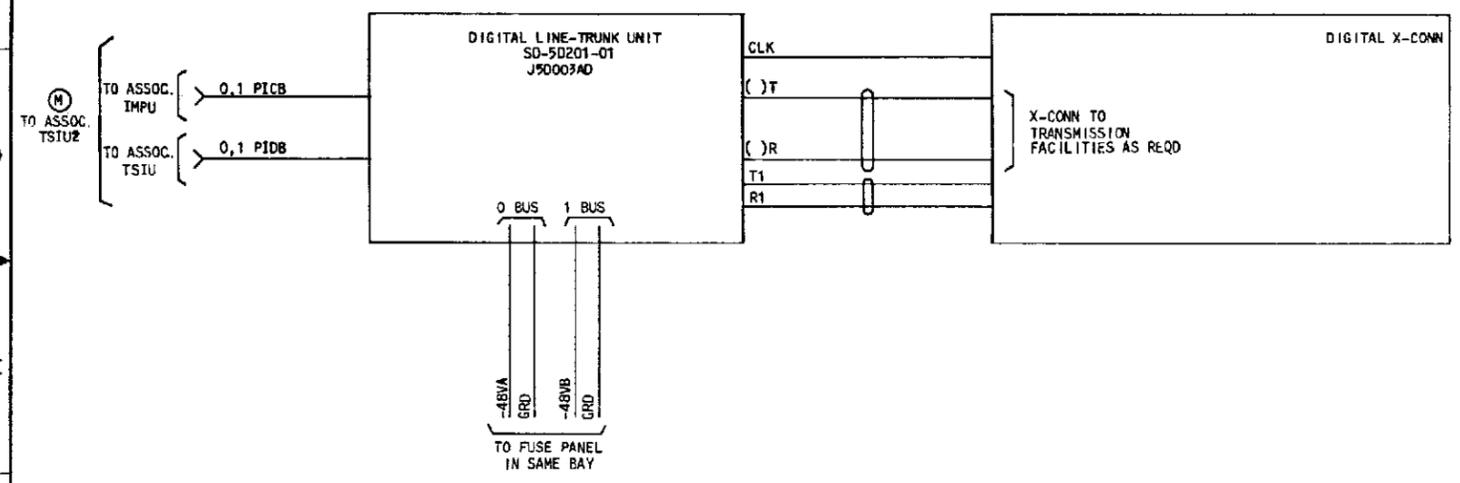
DESCRIPTION
EACH DLTU IS AN 8 1/2 " HIGH SHELF WHICH PROVIDES FOR TERMINATION OF UP TO 10 T1 FACILITIES.

CAPACITY
EACH DLTU WILL ACCOMMODATE UP TO 10 T1 FACILITIES (240 TRUNKS).
SEE SD-50007

FUSING REQUIREMENTS
SEE SD-50201-01

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.

Ⓛ RSM - SEE NOTE 113.



INTERFACE MODULE APPLICATION		DWG SIZE 6S	ISSUE 3A
BELL LABORATORIES	SD-50012-01	SHEET B# 4	

AS-5

DIGITAL SERVICE UNIT (GLOBAL)
(DSU)

DESCRIPTION

EACH GLOBAL DSU IS AN 8 1/2" HIGH SHELF WHICH PROVIDES THE UNIVERSAL CONFERENCE AND TRANSMISSION TEST FACILITY FUNCTIONS.

CAPACITY

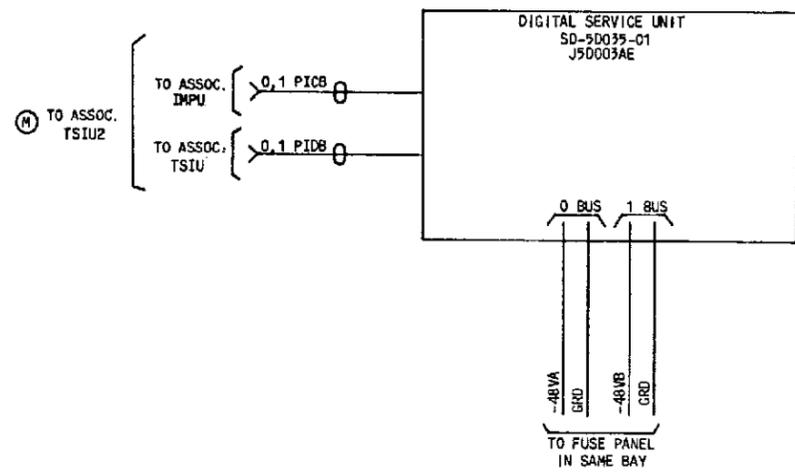
EACH GLOBAL DSU MAY CONTAIN A MAXIMUM OF 10 CONFERENCE CIRCUITS PER SERVICE GROUP OR 2 TRANSMISSION TEST FUNCTIONS PER SERVICE GROUP OR 1 TRANSMISSION TEST FUNCTION AND 8 CONFERENCE CIRCUITS PER SERVICE GROUP.

FUSING REQUIREMENTS

ONE 70B (2 AMP) FUSE PER POWER BUS PER UNIT. POWER BUS 0 CONNECTED TO SERVICE GROUP 0, POWER BUS 1 CONNECTED TO SERVICE GROUP 1.

SPECIFIC MOUNTING REQUIREMENTS

ANY AVAILABLE POSITION IN A LTP CABINET.



INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		65	3A
BELL LABORATORIES	SD-5D012-01	SHEET B# 5	

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AS-6
METALLIC SERVICE UNIT
(MSU)

DESCRIPTION

EACH METALLIC SERVICE UNIT (MSU) CONSISTS OF TWO 8 1/2" HIGH SHELVES. EACH SHELF IS A SERVICE GROUP HAVING 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.

CAPACITY

SEE SD-50007-01.

FUSING REQUIREMENT

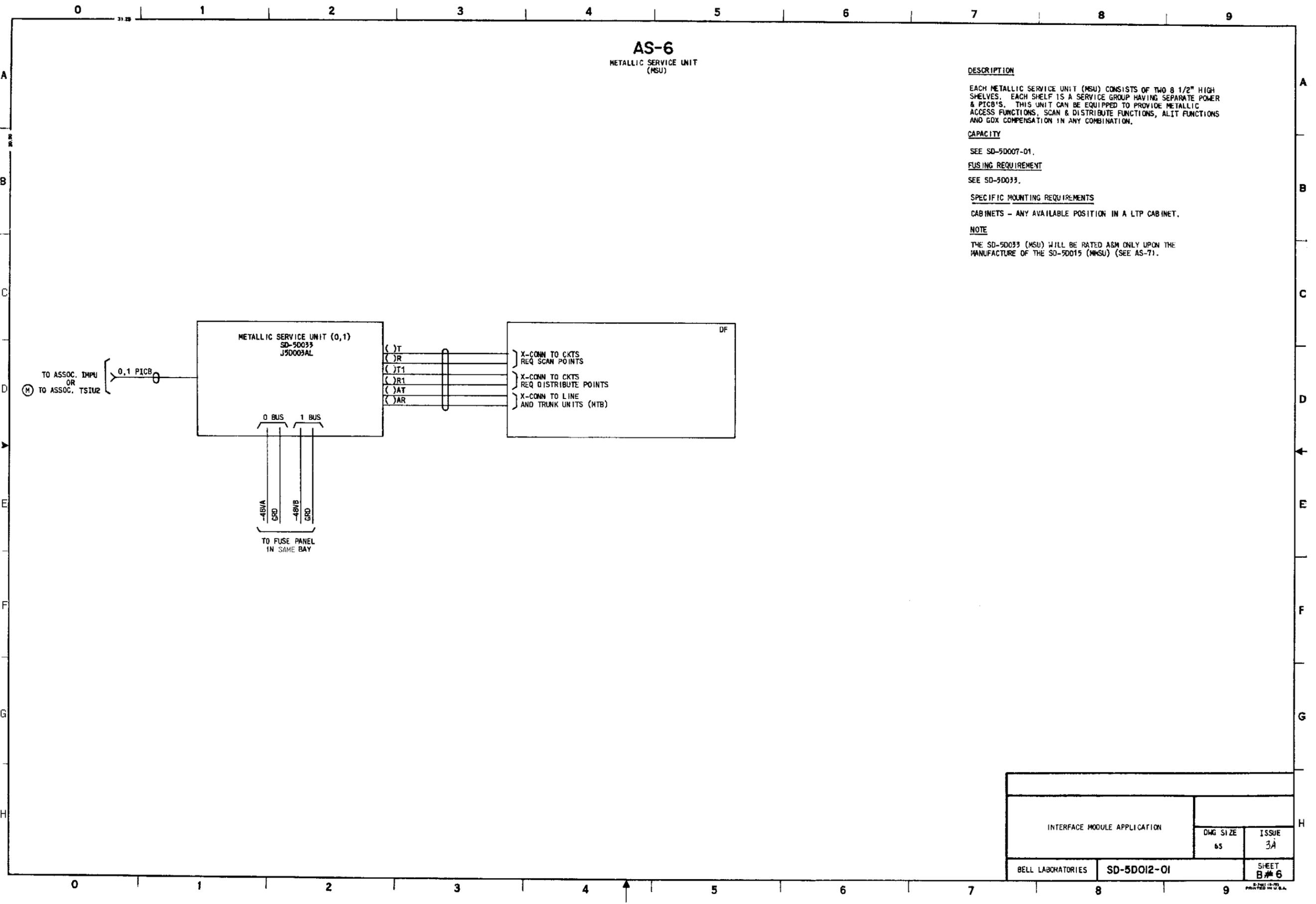
SEE SD-50033.

SPECIFIC MOUNTING REQUIREMENTS

CABINETS - ANY AVAILABLE POSITION IN A LTP CABINET.

NOTE

THE SD-50033 (MSU) WILL BE RATED ASM ONLY UPON THE MANUFACTURE OF THE SD-50015 (MMSU) (SEE AS-7).



INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		65	3A
BELL LABORATORIES	SD-50012-01	SHEET B# 6	

PRINTED IN U.S.A.

AS-7

MODULAR METALLIC SERVICE UNIT
(MMSU)

DESCRIPTION

EACH MODULAR METALLIC SERVICE UNIT (MMSU) CONSISTS OF ONE TO FOUR 8 1/2" SHELVES. EACH SHELF CONTAINS 2 SERVICE GROUPS (0,1) WITH POWER. ONLY THE FIRST SHELF REQUIRES A DUPLICATED PICB. THIS UNIT IS ENGINEERED, AND THUS CAN BE EQUIPPED TO PROVIDE AUTOMATIC LINE INSULATION TESTING, GDX COMPENSATION, SCAN AND DISTRIBUTE, AND METALLIC ACCESS FUNCTIONS IN ANY COMBINATION. ONE METALLIC ACCESS CIRCUIT IS REQUIRED IN EACH SERVICE GROUP OF EACH SHELF FOR INTERCONNECTION OF MMSU SHELVES, AND FOR MMSU TO MMSU INTERCONNECTION. WHILE THE FIRST, OR BASIC, UNIT IS REQUIRED, THE SECOND THROUGH FOURTH SHELVES ARE GROWTH UNITS, EQUIPPED AS REQUIRED.

CAPACITY

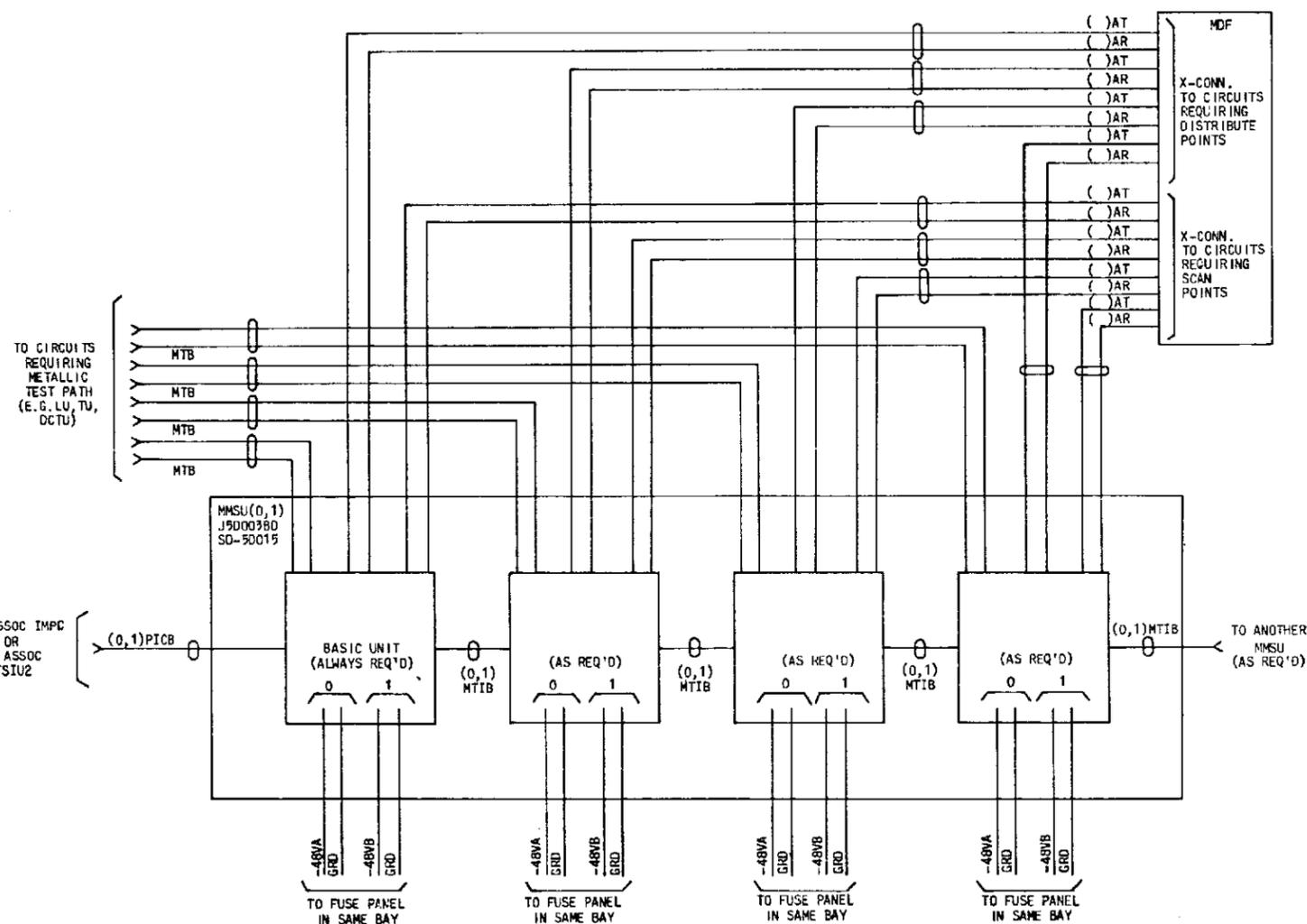
SEE SD-50007

FUSING REQUIREMENT

SEE SD-50015 FOR FUSING REQUIREMENTS

SPECIFIC MOUNTING REQUIREMENTS

THE MMSU BASIC UNIT IS TO BE PLACED IN ONE OF THE THREE LOWER UNIT POSITIONS IN THE LTP CABINET, WITH GROWTH UNITS IN ADJACENT POSITIONS ABOVE THE BASIC UNIT.



INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		88	2D
BELL LABORATORIES	SD-50012-01	SHEET B# 7A	

AS-8

LINE UNIT
(LU)

DESCRIPTION

EACH LINE UNIT CONSISTS OF TWO 8 1/2 INCH HIGH SHELVES AND PROVIDES FOR TERMINATION OF UP TO 512 LINES. CONCENTRATION RATIOS OF 8:1, 6:1 AND 4.5:1 ARE AVAILABLE

CAPACITY

EACH LINE UNIT CAN TERMINATE UP TO 512 LINES AT AN 8:1 LCR OR 384 LINES AT A 6:1 LCR OR 256 LINES AT A 4.5:1 LCR.

FUSING REQUIREMENT

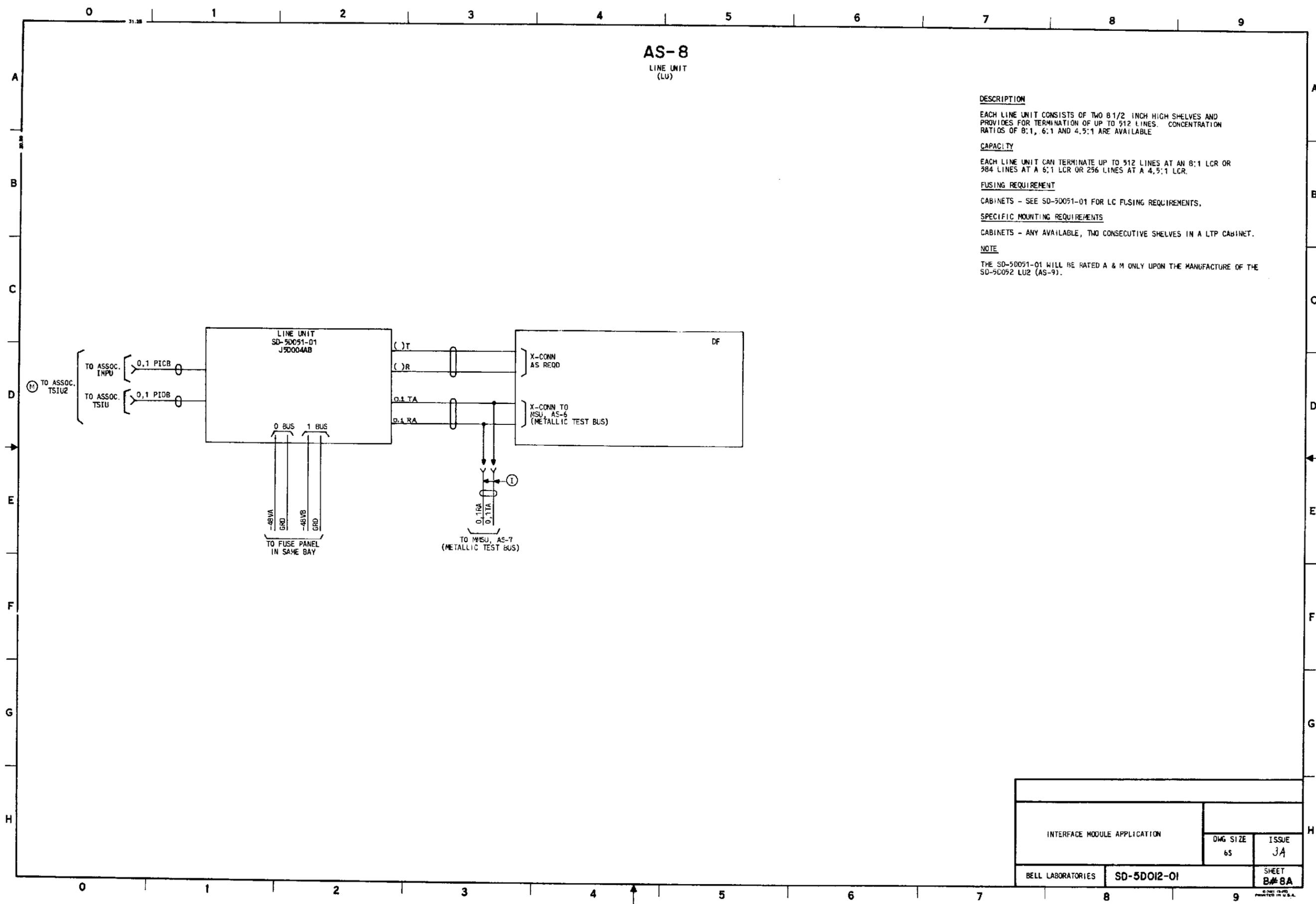
CABINETS - SEE SD-50051-01 FOR LC FUSING REQUIREMENTS.

SPECIFIC MOUNTING REQUIREMENTS

CABINETS - ANY AVAILABLE, TWO CONSECUTIVE SHELVES IN A LTP CABINET.

NOTE

THE SD-50051-01 WILL BE RATED A & M ONLY UPON THE MANUFACTURE OF THE SD-50052 LU2 (AS-9).



INTERFACE MODULE APPLICATION		DWG SIZE 6S	ISSUE JA
BELL LABORATORIES	SD-50012-01	SHEET B# 8A	

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AS-9
LINE UNIT MODEL 2
(LU2)

DESCRIPTION

EACH LINE UNIT MODEL 2 CONSISTS OF TWO 8 1/2" HIGH SHELVES AND PROVIDES FOR TERMINATION OF UP TO 512 LINES. CONCENTRATION RATIOS OF 8:1, 6:1 AND 4:1 ARE AVAILABLE.

CAPACITY

EACH LINE UNIT CAN TERMINATE UP TO 512 LINES AT AN 8:1 LCR OR 384 LINES AT A 6:1 LCR OR 256 LINES AT A 4:1 LCR.

FUSING REQUIREMENTS

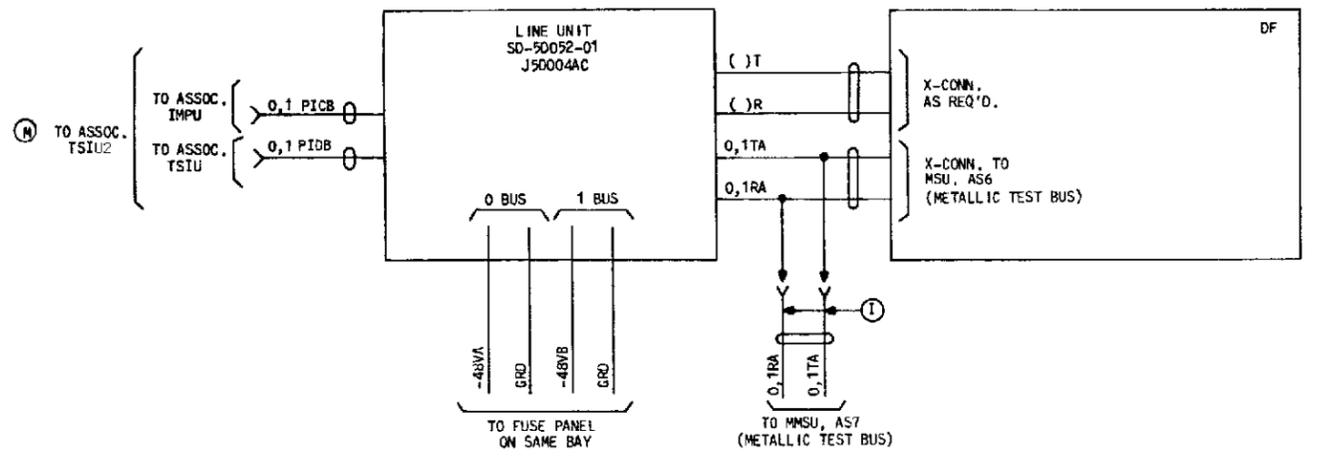
SEE SD-50052-01 FOR LU2 FUSING REQUIREMENTS.

SPECIFIC MOUNTING REQUIREMENTS

ANY AVAILABLE POSITION IN A LTP CABINET (TWO CONSECUTIVE SHELVES)

NOTE

THE SD-50052-01 LINE UNIT WILL SUPERSEDE THE SD-50051-01 LU. BOTH VERSIONS MAY BE EQUIPPED WITHIN ONE INTERFACE MODULE, WHICH MAY OCCUR IN GROWTH SITUATIONS.



INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		63	2D
BELL LABORATORIES	SD-50012-01	SHEET	
		B#9	

AS-10

DIGITAL CARRIER LINE UNIT
(DCLU)

DESCRIPTION

THE DCLU CONSISTS OF 2 TO 3 8 1/2" HIGH SHELVES. THE FIRST 2 SHELVES CONSTITUTE J5D003AR, WITH SERVICE GROUP 0 AS THE FIRST SHELF AND SERVICE GROUP 1 AS THE SECOND SHELF. THE THIRD SHELF, J5D003AS, IS DIVIDED EQUALLY INTO SERVICE GROUPS 0 AND 1.

THE DCLU TERMINATES THE SLC-96 REMOTE FACILITY ON IT'S DFI CIRCUITS. A MODE I SLC-96 REQUIRES 5 DFI CIRCUIT PACKS PER REMOTE FACILITY, AND A MODE II SLC-96 REQUIRES 3 DFI CIRCUIT PACKS PER REMOTE FACILITY.

① TWO DUPLICATED PIBB'S ARE REQUIRED FOR EACH SERVICE GROUP AND THE NUMBER OF PIBB'S IS ENGINEERED IN ACCORDANCE WITH THE DESIRED LINE CONCENTRATION RATIO FOR THE REMOTE FACILITY. FOR A 4.5:1 LCR, 2 DUPLICATED PIBB'S PER SERVICE GROUP ARE REQUIRED. FOR A 9:1 LCR, 1 DUPLICATED PIBB PER SERVICE GROUP IS REQUIRED.

CAPACITY

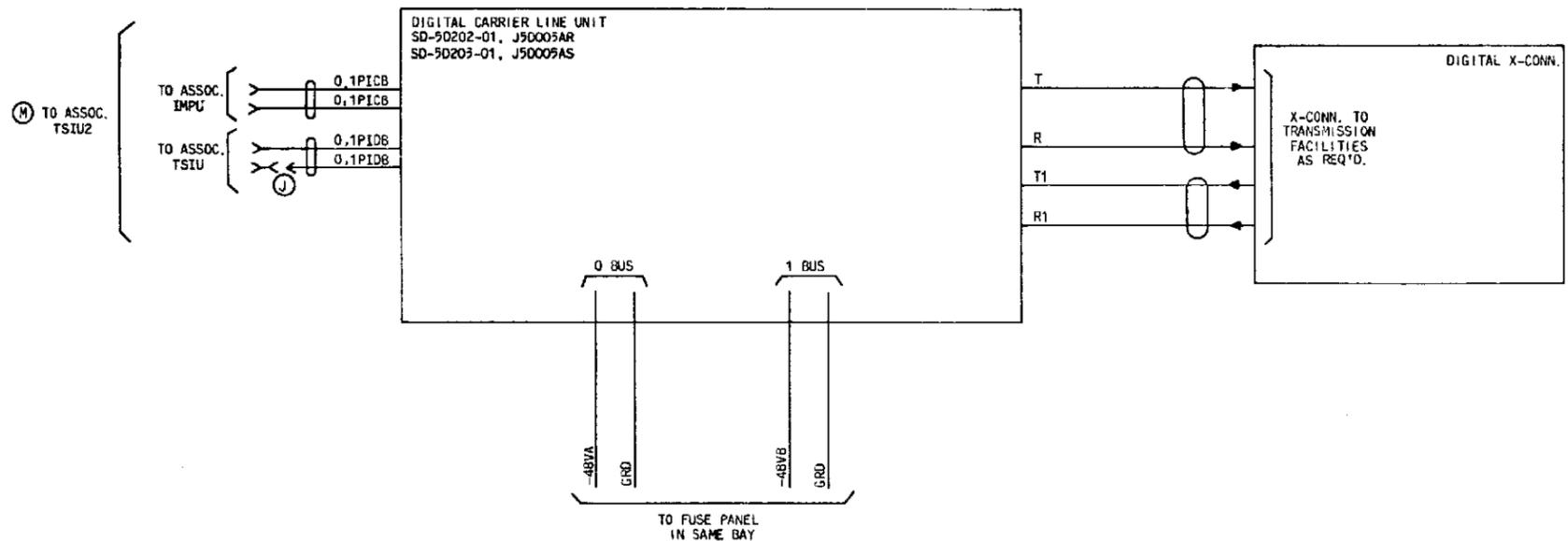
A MAXIMUM OF SIX SLC-96 MAY BE TERMINATED ON 2 DCLU (MODE I OR MODE II). SEE ASSIGNMENT RULES, SD-5D007.

FUSING REQUIREMENTS

SEE SD-5D202-01 FOR FUSING REQUIREMENTS.

SPECIFIC MOUNTING REQUIREMENTS

THE J5D003AR CAN BE MOUNTED IN ANY TWO AVAILABLE, CONSECUTIVE POSITIONS IN AN LTP CABINET. THE J5D003AS, WHEN REQUIRED, SHALL BE MOUNTED DIRECTLY ABOVE THE J5D003AR. ON AN OPTIONAL BASIS, THE UNIT POSITION ABOVE THE J5D003AR MAY BE RESERVED FOR FIELD ADDITION OF THE J5D003AS TO ACCOMMODATE MODE I EXPANSION.



INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		44	20
BELL LABORATORIES	SD-5D012-01	SHEET B#10	

AS-II

DIRECTLY CONNECTED TEST UNIT (DCTU)

DESCRIPTION

THE DCTU CONSISTS OF 2 TO 4 8 1/2" SHELVES. THE CONTROL UNIT AND FIRST PMU ARE ALWAYS REQUIRED. FOR GROWTH OF PMU SHELVES, SEE SD-2P077-01.

CAPACITY

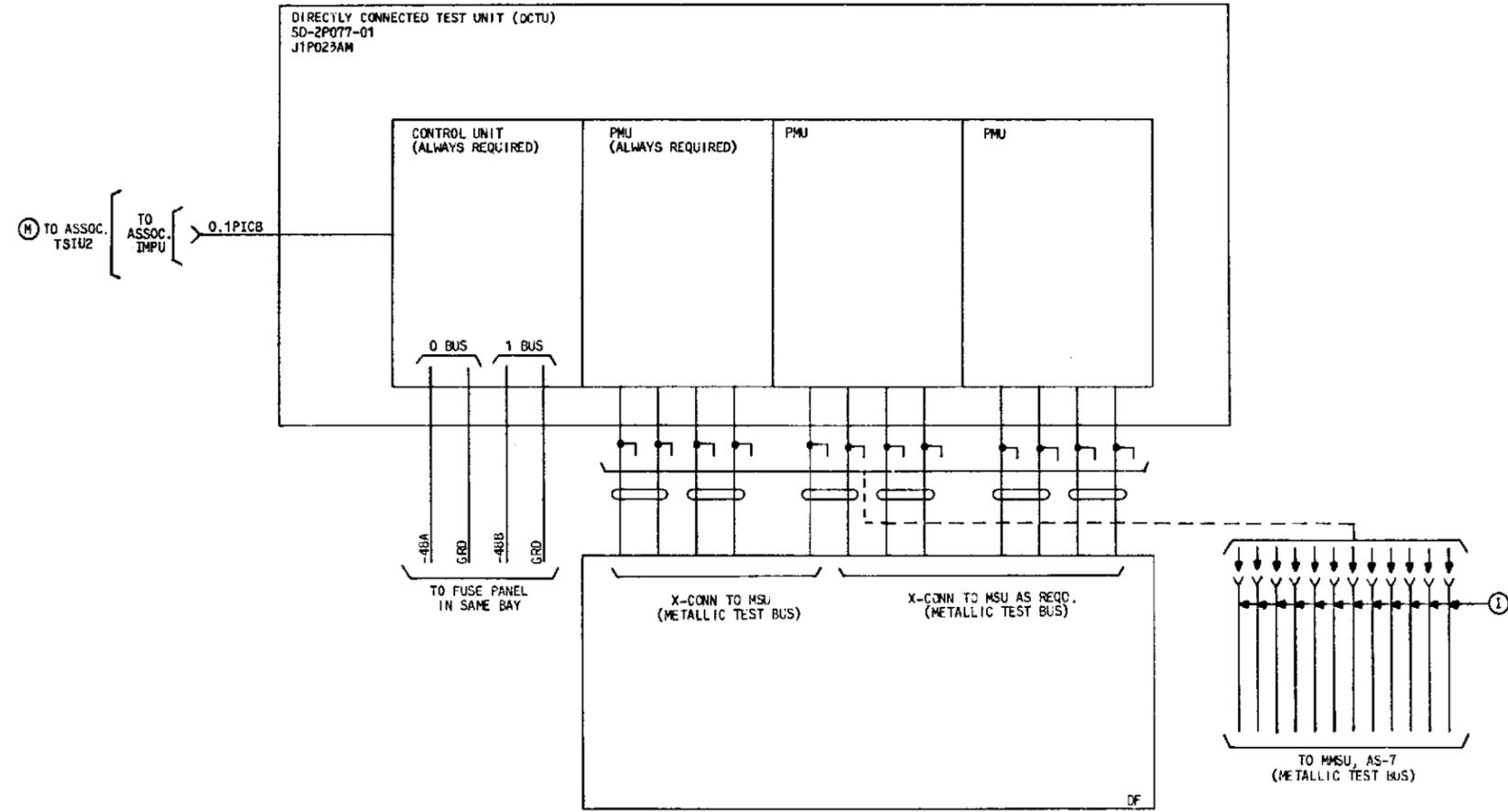
SEE SD-50007-01 (ASSIGNMENT RULES) FOR ASSIGNMENT OF PICR AND MTB.

FUSING REQUIREMENTS

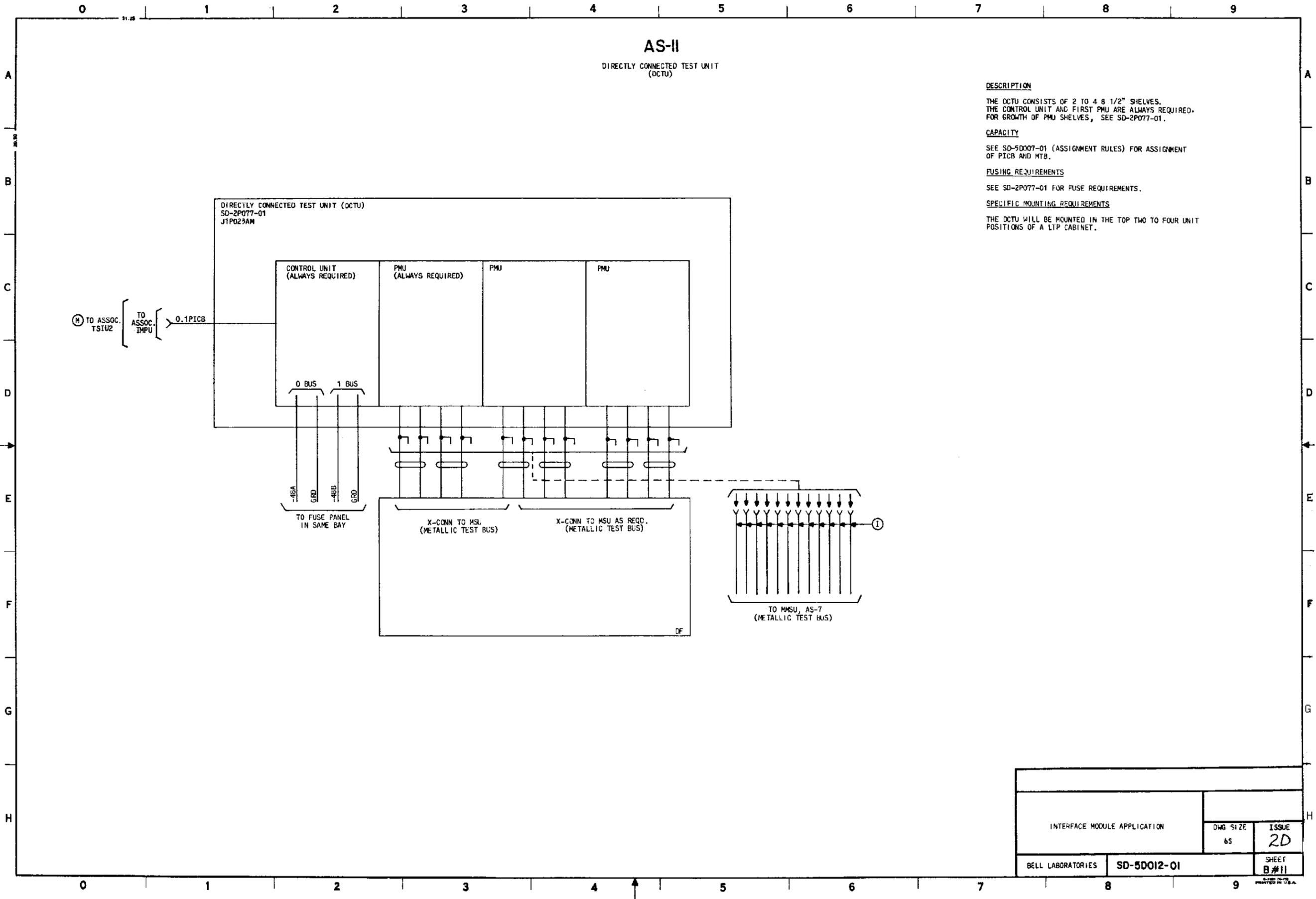
SEE SD-2P077-01 FOR FUSE REQUIREMENTS.

SPECIFIC MOUNTING REQUIREMENTS

THE DCTU WILL BE MOUNTED IN THE TOP TWO TO FOUR UNIT POSITIONS OF A LTP CABINET.



INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		65	2D
BELL LABORATORIES	SD-50012-01	SHEET	
		B #11	



AS-12

① 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 DFI'S IN THE DLTU. THIS UNIT IS EQUIPPED IN THE RSM.

DUPLICATED FACILITY INTERFACE CONTROL BUS (FICB) AND FACILITY INTERFACE DATA BUS (FIQB) ARE REQUIRED FOR EACH DFI IN THE FIU. THESE REPLACE THE PICB AND PIDB NORMALLY ASSIGNED TO THE DFI'S.

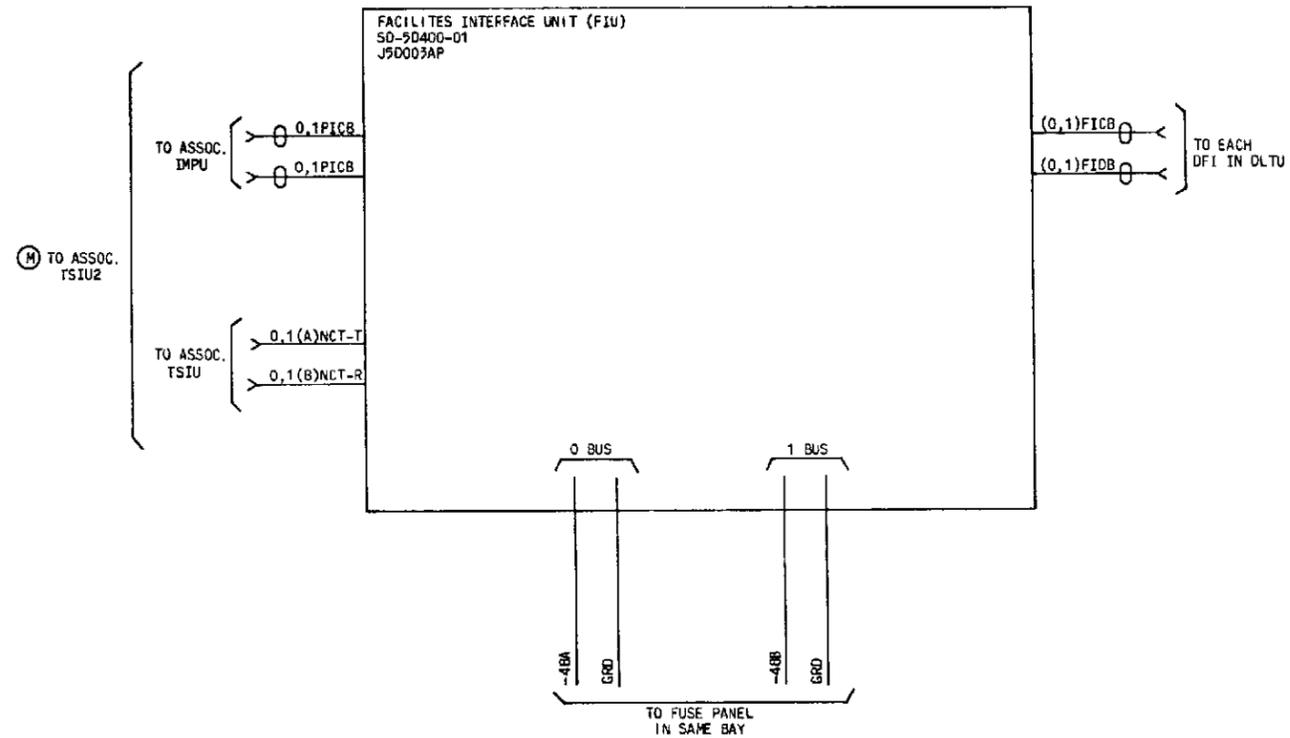
FUSING REQUIREMENT

SEE SD-5D400-01 FOR FUSING REQUIREMENTS.

SPECIFIC MOUNTING REQUIREMENTS

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

SEE NOTE 113.

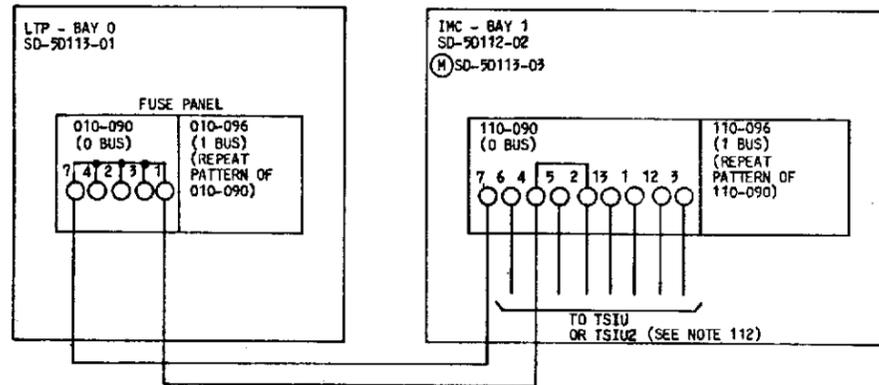


INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		6S	2D
BELL LABORATORIES	SD-5D012-01	SHEET	
		B#12	

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PART OF AS-13
INTERBAY FUSE ALARM LEADS

(W) FOR A 1 LTP CONFIGURATION

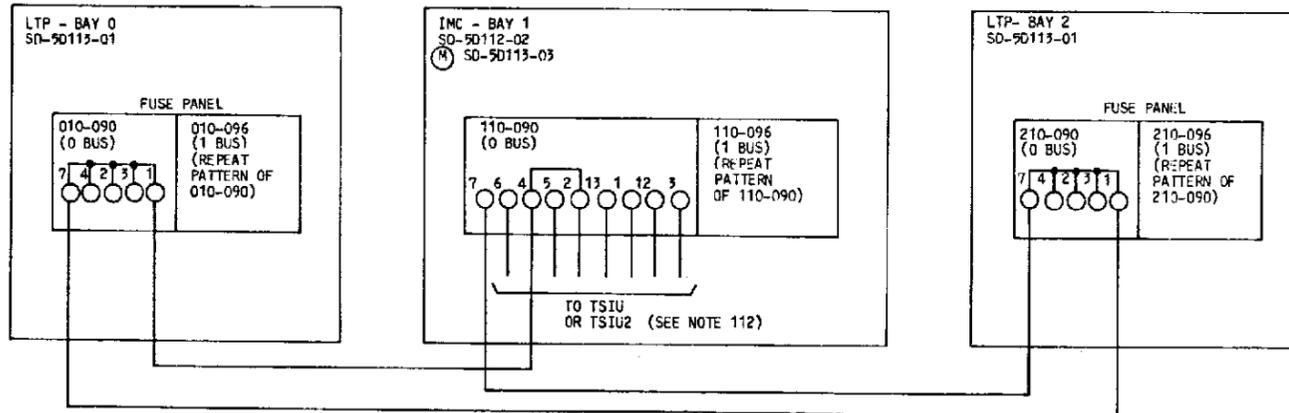


D3 WIRING FOR 1 LTP (W) (SEE NOTE 109)

FROM	TO
110-(*)-2	110-(*)-4
110-(*)-4	010-(*)-1
010-(*)-1	010-(*)-3
010-(*)-3	010-(*)-2
010-(*)-2	010-(*)-4
010-(*)-4	010-(*)-7
010-(*)-7	110-(*)-7

* = HORIZONTAL EQL 090 AND 096

(V) FOR A 2 LTP CONFIGURATION



D3 WIRING FOR 2 LTP'S (V) (SEE NOTE 109)

FROM	TO
110-(*)-2	110-(*)-4
110-(*)-4	010-(*)-1
010-(*)-1	010-(*)-3
010-(*)-3	010-(*)-2
010-(*)-2	010-(*)-4
010-(*)-4	010-(*)-7
110-(*)-7	210-(*)-7
210-(*)-7	210-(*)-4
210-(*)-4	210-(*)-2
210-(*)-2	210-(*)-3
210-(*)-3	210-(*)-1
210-(*)-1	010-(*)-7

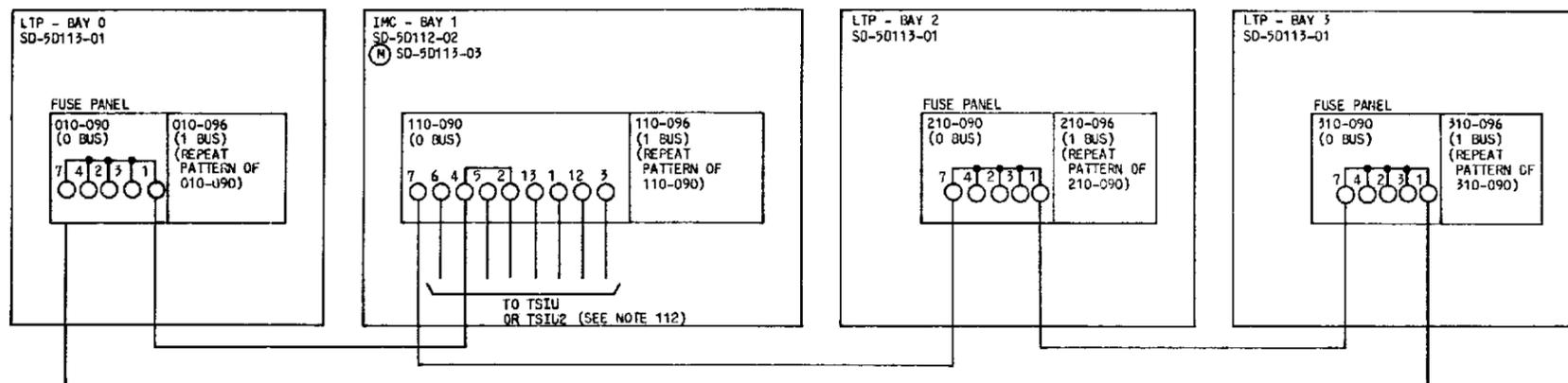
* = HORIZONTAL EQL 090 AND 096

INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		48	2D
BELL LABORATORIES	SD-50012-01	SHEET	
		B#13	

PART OF AS-13

INTERBAY FUSE ALARM LEADS

① FOR A 3 LTP CONFIGURATION

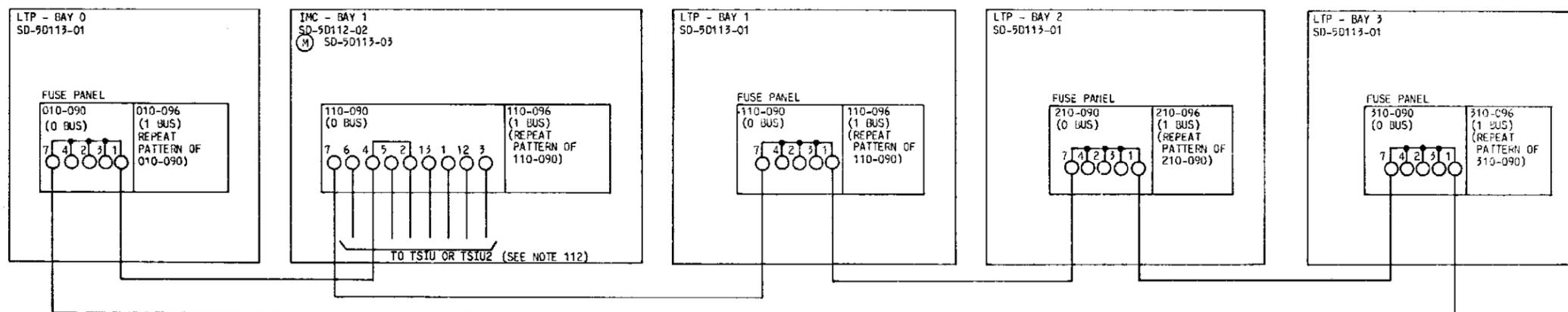


D3 WIRING FOR 3 LTP'S (SEE NOTE 109) ①

FROM	TO
110-(*)-2	110-(*)-4
110-(*)-4	010-(*)-1
010-(*)-1	010-(*)-3
010-(*)-3	010-(*)-2
010-(*)-2	010-(*)-4
010-(*)-4	010-(*)-7
110-(*)-7	210-(*)-7
210-(*)-7	210-(*)-4
210-(*)-4	210-(*)-2
210-(*)-2	210-(*)-3
210-(*)-3	210-(*)-1
210-(*)-1	310-(*)-7
310-(*)-7	310-(*)-4
310-(*)-4	310-(*)-2
310-(*)-2	310-(*)-3
310-(*)-3	310-(*)-1
310-(*)-1	010-(*)-7

* = HORIZONTAL EQL 090 AND 096

① FOR A 4 LTP CONFIGURATION



D3 WIRING FOR 4 LTP'S (SEE NOTE 109) ①

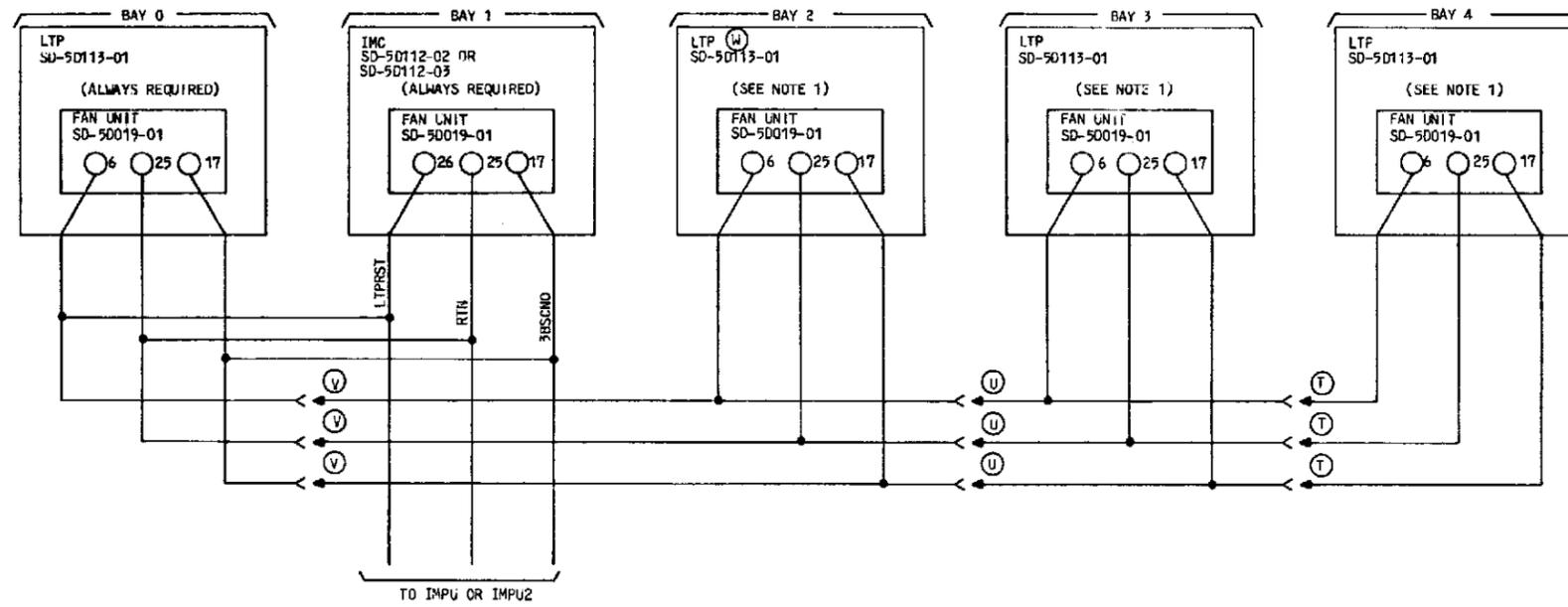
FROM	TO
110-(*)-2	110-(*)-4
110-(*)-4	010-(*)-1
010-(*)-1	010-(*)-3
010-(*)-3	010-(*)-2
010-(*)-2	010-(*)-4
010-(*)-4	010-(*)-7
110-(*)-7	210-(*)-7
210-(*)-7	210-(*)-4
210-(*)-4	210-(*)-2
210-(*)-2	210-(*)-3
210-(*)-3	210-(*)-1
210-(*)-1	310-(*)-7
310-(*)-7	310-(*)-4
310-(*)-4	310-(*)-2
310-(*)-2	310-(*)-3
310-(*)-3	310-(*)-1
310-(*)-1	410-(*)-7
410-(*)-7	410-(*)-4
410-(*)-4	410-(*)-2
410-(*)-2	410-(*)-3
410-(*)-3	410-(*)-1

* = HORIZONTAL EQL 090 AND 096

INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		63	2D
BELL LABORATORIES	SD-5D012-01	SHEET B#14	

AS-14

INTER BAY FAN UNIT AND ALARM, SCAN/DISTRIBUTE CONNECTIONS



D3 WIRING (SEE NOTE 110)			
FROM	TO	OPT	WIRE
112-011-26	012-011-6		26 GA (BY) GREEN
012-011-6	212-011-6	V	
212-011-6	312-011-6	L	
312-011-6	412-011-6	T	
112-011-25	012-011-25		26 GA (BY) GREEN/WHITE
012-011-25	212-011-25	V	
212-011-25	312-011-25	U	
312-011-25	412-011-25	T	
113-049-17	013-049-17		26 GA (BY) GREEN
013-049-17	213-049-17	V	
213-049-17	313-049-17	U	
313-049-17	413-049-17	T	

NOTES:

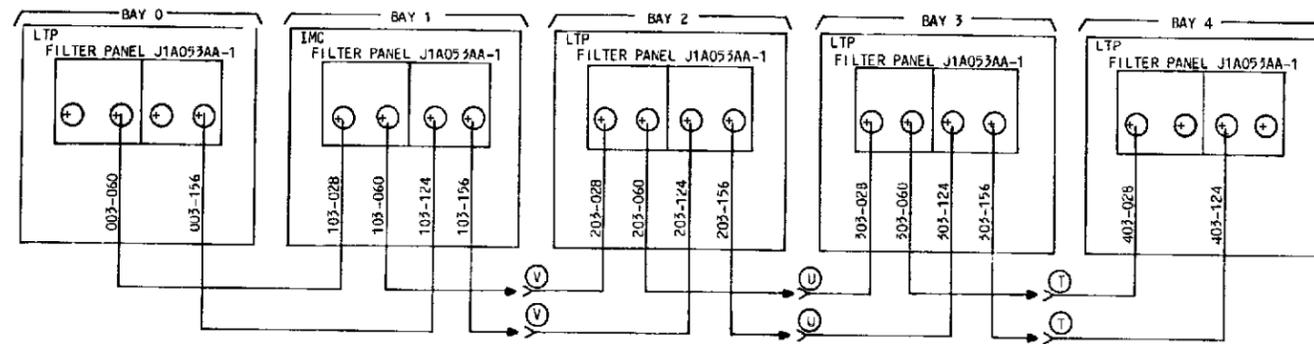
- THE WIRING OPTIONS (V, U, T) ARE CUMULATIVE, DEPENDENT UPON THE NUMBER OF LTP CABINETS REQUIRED WITHIN THE INTERFACE MODULE.
 i.e., FOR THE 2 LTP, BASIC WIRING PLUS OPTION V.
 FOR THE 3 LTP, BASIC WIRING PLUS OPTION V, PLUS OPTION U.
 FOR THE 4 LTP, BASIC WIRING PLUS OPTION V, PLUS OPTION U, PLUS OPTION T.

INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		65	2D
BELL LABORATORIES	SD-50012-01	SHEET	
		B#15	

DATE PRINTED 11/11/65

AS-15

IM -48 RTN INTERCONNECTION



SEE PROPRIETARY NOTICE ON COVER SHEET

INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		85	7D
AT&T BELL LABORATORIES	SD-50012-01	SHEET B#16	

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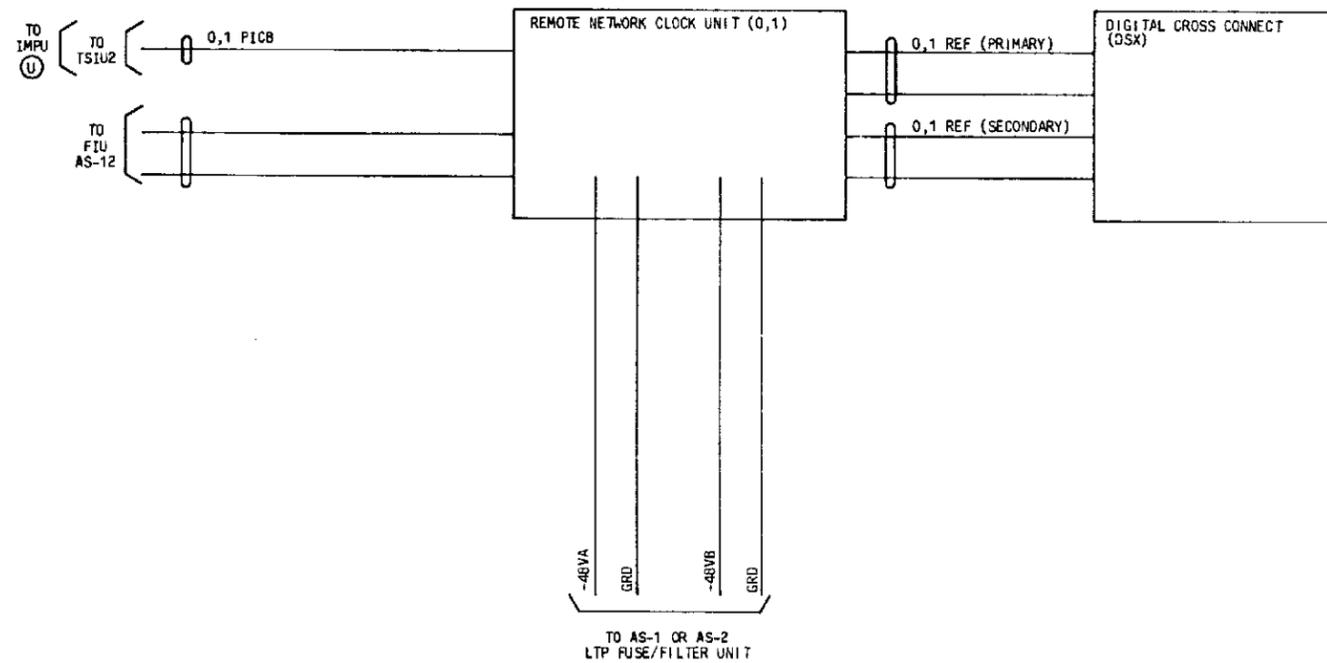
Ⓜ Ⓛ AS-16
 REMOTE NETWORK CLOCK UNIT
 (RNCL1)

DESCRIPTION

THE REMOTE NETWORK CLOCK UNIT IS AN 8 1/2 INCH HIGH SHELF THAT PROVIDES A STRATUM 3 CLOCK FOR AN RSM. THE RNCL IS AN OPTION, TO BE EQUIPPED IN THE MULTI-MODULE RSM, OR IN THE RSM THAT WILL TERMINATE DIGITAL TRUNKS.

SPECIFIC MOUNTING REQUIREMENTS

WHEN REQUIRED, THE RNCL MUST BE PLACED DIRECTLY ABOVE THE FIU IN THE RSM.



SEE PROPRIETARY NOTICE ON COVER SHEET

INTERFACE MODULE APPLICATION		OWB SIZE	ISSUE
		08	AD
AT&T BELL LABORATORIES		SD-50012-01	B#17

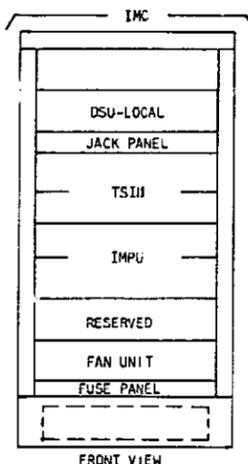
0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

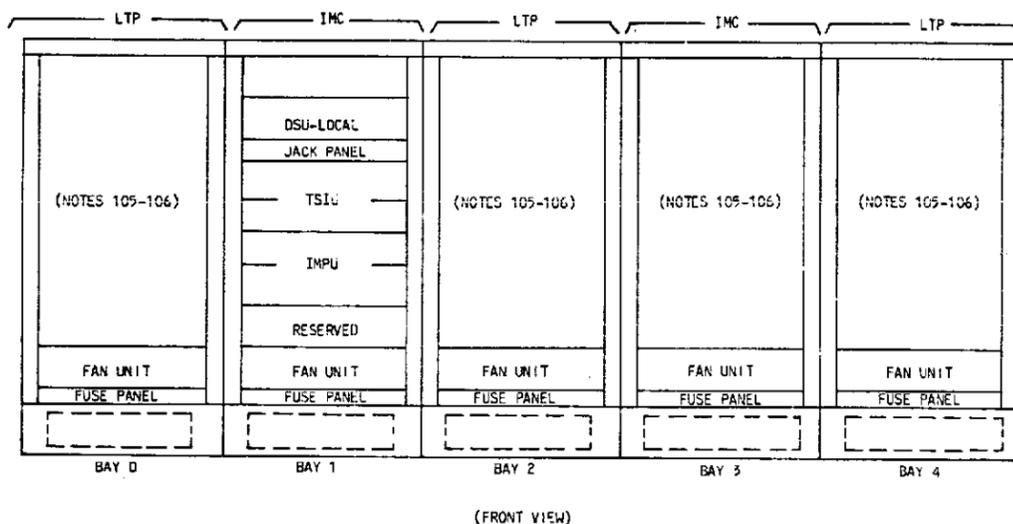
A
B
C
D
E
F
G
H

NOTES:

101. THE FOLLOWING IS THE BASIC CABINET LAY-OUT FOR AN IMC.

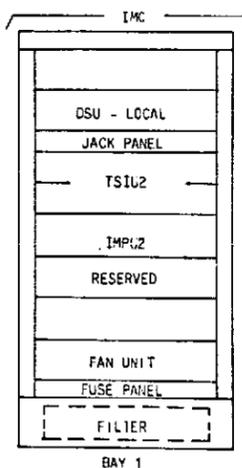


102. THE FOLLOWING IS THE BASIC CABINET LAY-OUT FOR AN INTERFACE MODULE.

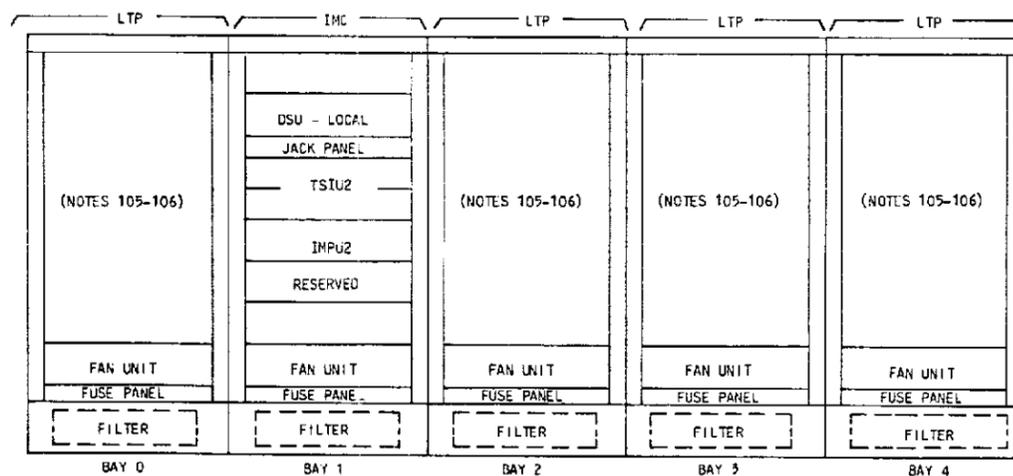


- 105. BAYS 0, 2, 3 AND 4 OF AN IM MAY BE EQUIPPED WITH J50005 UNITS OR THE J50004AB OR J50004AC LINE UNIT AS REQUIRED. UNITS NOT REQUIRING P10B OR P10C BUSSES MAY NOT BE PLACED ON IM'S.
- 106. THE FIRST LTP CABINET IS ALWAYS REQUIRED. THREE ADDITIONAL LTP'S (BAY 2-4) MAY BE ADDED AS REQUIRED.

103. IMC CABINET LAYOUT FOR IM WITH THE (M) TSIU2/IMP2 HARDWARE DESIGNS.



104. CABINET LAYOUT FOR INTERFACE MODULE WITH THE (H) TSIU2/IMP2 HARDWARE DESIGNS.



SEE PROPRIETARY NOTICE ON COVER SHEET

INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		65	4D
AT&T BELL LABORATORIES	SD-50012-01	SHEET D-1A	

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

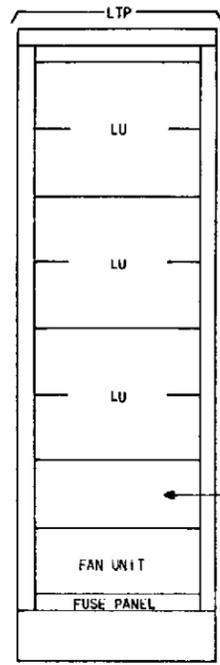
A
B
C
D
E
F
G
H

NOTES(CONT):

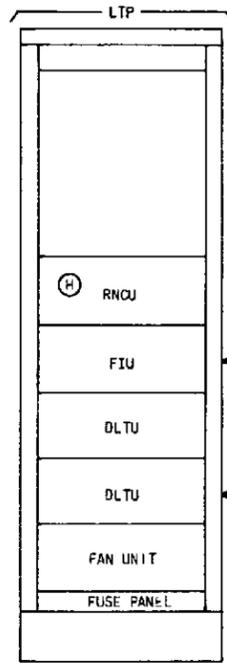
107. UP TO THREE LU'S MAY BE PLACED IN A GIVEN LTP BAY (0, 2, 3, 4) AS SHOWN BELOW.

113. IN AN RSM BAY 0 THE DLTU(S) AND FIU SHOULD BE EQUIPPED AS SHOWN HERE. LESS OFFICES THAT INTEND TO CONVERT TO AN RSM SHOULD PROVIDE FOR THE EQUIPMENT CONFIGURATION SHOWN HERE (BAY 0 OF THE IM) DURING THE INITIAL ENGINEERING OF THE OFFICE.

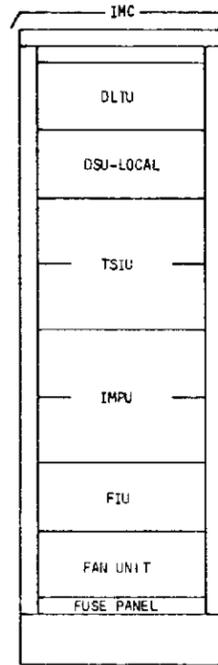
114. IF THE INITIAL ENGINEERING OF AN OFFICE THAT IS TO BE CONVERTED TO AN RSM DOES NOT PROVIDE FOR THE EQUIPMENT CONFIGURATION OF NOTE 113, THE IMC CABINET CAN BE RECONFIGURED AS SHOWN.



(BAY 0, 2, 3, OR 4)



(BAY 0)



(BAY 1)

- (1) THE JACK PANEL IS REMOVED FROM THE IMC CABINET AND PLACED IN THE NEAREST AVAILABLE LTP CABINET IN THAT IM.
- (2) THE DSU IS PLACED IN EQL 69.
- (3) THE DLTU IS PLACED IN EQL 78 AND USES THE 10T AND 22T FUSES.
- (4) THE FIU IS PLACED IN EQL 26 AND USES THE 11T AND 23T FUSES.

- 108. SPECIFIC ORDERING INFORMATION FOR THE ASSIGNMENT OF PIDB & PICB CABLES INTERCONNECTING THE TSIU & IMPU OR TSIU2 WITH THE VARIOUS PERIPHERAL UNITS IS SHOWN IN SD-50007-01.
- 109. THIS DOCUMENT CONTROLS THE D3 TYPE WIRING REQUIRED FOR FUSE ALARMING BETWEEN THE FUSE PANELS OF ALL BAYS WITHIN AN INTERFACE MODULE AS WELL AS THE SURFACE WIRING REQUIRED.
- 110. THIS DOCUMENT CONTROLS THE D3 TYPE WIRING REQUIRED FOR FAN UNIT ALARM, SCAN AND DISTRIBUTE CONNECTIONS BETWEEN THE BAYS IN THE INTERFACE MODULE.
- 111. UP TO SEVEN SINGLE SHELF UNITS MAY BE PLACED IN LTP CABINETS.
- 112. POWER ALARM AND TEST LEADS FROM THE FUSE UNIT TO THE TSIU ARE DETAILED IN SD-50112-02.

SEE PROPRIETARY NOTICE ON COVER SHEET

INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		6S	4D
AT&T BELL LABORATORIES	SD-5D012-01	SHEET D#2	

0 1 2 3 4 5 6 7 8 9

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0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H

NOTES (CONT):

- 115.
- Z - REMOVED (ISSUE 3A)
- Y - REMOVED (ISSUE 3A)
- X - REMOVED (ISSUE 3A)
- W - D3 WIRING ASSOCIATED WITH IMC BAY 1.
- V - D3 WIRING ASSOCIATED WITH LTP BAY 2.
- U - D3 WIRING ASSOCIATED WITH LTP BAY 3.
- T - D3 WIRING ASSOCIATED WITH LTP BAY 4.
- S - REMOVED (ISSUE 3A)
- R - REMOVED (ISSUE 3A)
- Q - REMOVED (ISSUE 3A)
- P - REMOVED (ISSUE 3A)
- N - REMOVED (ISSUE 3A)
- M - EQUIPMENT INFORMATION ASSOCIATED WITH THE TSIU2 AND IMPU2 HARDWARE DESIGNS.
- L - EQUIPMENT INFORMATION ASSOCIATED WITH RSA.
- K - EQUIPMENT INFORMATION ASSOCIATED WITH THE FAST PUMP FEATURE.
- J - EQUIPMENT INFORMATION ASSOCIATED WITH THE CONCENTRATION IN THE OCLU.
- I - EQUIPMENT INFORMATION ASSOCIATED WITH THE MMSU.
- H - REMOTE NETWORK CLOCK UNIT.

SEE PROPRIETARY NOTICE ON COVER SHEET

INTERFACE MODULE APPLICATION		DWG SIZE	ISSUE
		88	4D
AT&T BELL LABORATORIES	SD-50012-01	D#3	

0 1 2 3 4 5 6 7 8 9