

**MAINTENANCE MANUAL
SIMULCAST SYSTEM DRAWINGS
CONTROL POINT COMMON EQUIPMENT
SYSTEM CONFIGURATIONS WITH UP TO 10 CHANNELS**

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GETC DATA MODULE #1

CHANNEL 01	J01	GETC	J100	19D903880P22
CHANNEL 02	J02	GETC	J100	19D903880P22
CHANNEL 03	J03	GETC	J100	19D903880P22
CHANNEL 04	J04	GETC	J100	19D903880P22
CHANNEL 05	J05	GETC	J100	19D903880P22
CHANNEL 06	J06	GETC	J100	19D903880P22
CHANNEL 07	J07	GETC	J100	19D903880P22
CHANNEL 08	J08	GETC	J100	19D903880P22
CHANNEL 09	J09	GETC	J100	19D903880P22
CHANNEL 10	J10	GETC	J100	19D903880P22

SERIAL MODULE

CHANNEL 01	J01	GETC	J102	19D903880P22
CHANNEL 02	J02	GETC	J102	19D903880P22
CHANNEL 03	J03	GETC	J102	19D903880P22
CHANNEL 04	J04	GETC	J102	19D903880P22
CHANNEL 05	J05	GETC	J102	19D903880P22
CHANNEL 06	J06	GETC	J102	19D903880P22
CHANNEL 07	J07	GETC	J102	19D903880P22
CHANNEL 08	J08	GETC	J102	19D903880P22
CHANNEL 09	J09	GETC	J102	19D903880P22
CHANNEL 10	J10	GETC	J102	19D903880P22

GETC RESET

CHANNEL 01	J01	GETC	TB1-1/6 *	19D903880P10
CHANNEL 02	J02	GETC	TB1-1/6 *	19D903880P10
CHANNEL 03	J03	GETC	TB1-1/6 *	19D903880P10
CHANNEL 04	J04	GETC	TB1-1/6 *	19D903880P10
CHANNEL 05	J05	GETC	TB1-1/6 *	19D903880P10
CHANNEL 06	J06	GETC	TB1-1/6 *	19D903880P10
CHANNEL 07	J07	GETC	TB1-1/6 *	19D903880P10
CHANNEL 08	J08	GETC	TB1-1/6 *	19D903880P10
CHANNEL 09	J09	GETC	TB1-1/6 *	19D903880P10
CHANNEL 10	J10	GETC	TB1-1/6 *	19D903880P10

*BLUE/WHITE CONNECT TO TB1-1 WHITE BLUE CONNECT TO TB1-6
CUT-OFF UNUSED WIRES

GETC INHIBIT/VOTER TONE DETECT/RS232 TO VOTER SELECTOR--MODULE1

CHANNEL 01	J01	GETC	TB1-2/3/4/5	19D903880P10
CHANNEL 02	J02	GETC	TB1-2/3/4/5	19D903880P10
CHANNEL 03	J03	GETC	TB1-2/3/4/5	19D903880P10
CHANNEL 04	J04	GETC	TB1-2/3/4/5	19D903880P10
CHANNEL 05	J05	GETC	TB1-2/3/4/5	19D903880P10
CHANNEL 06	J06	GETC	TB1-2/3/4/5	19D903880P10
CHANNEL 07	J07	GETC	TB1-2/3/4/5	19D903880P10
CHANNEL 08	J08	GETC	TB1-2/3/4/5	19D903880P10
CHANNEL 09	J09	GETC	TB1-2/3/4/5	19D903880P10
CHANNEL 10	J10	GETC	TB1-2/3/4/5	19D903880P10

BLUE/WHITE	TB1-2
WHITE/BLUE	TB1-3
ORANGE/WHITE	TB1-4
WHITE/ORANGE	TB1-5

POWER CONNECTION TO GETC

CHANNEL 01	TB1	GETC	TB1-6/7 #	19B802222P1
CHANNEL 02	J02	GETC	TB1-6/7 #	19B802222P1
CHANNEL 03	J03	GETC	TB1-6/7 #	19B802222P1
CHANNEL 04	J04	GETC	TB1-6/7 #	19B802222P1
CHANNEL 05	J05	GETC	TB1-6/7 #	19B802222P1
CHANNEL 06	J06	GETC	TB1-6/7 #	19B802222P1
CHANNEL 07	J07	GETC	TB1-6/7 #	19B802222P1
CHANNEL 08	J08	GETC	TB1-6/7 #	19B802222P1
CHANNEL 09	J09	GETC	TB1-6/7 #	19B802222P1
CHANNEL 10	J10	GETC	TB1-6/7 #	19B802222P1

CONNECT RED WIRE OF 19B802222P1 TO TB1-7
CONNECT BLACK WIRE OF 19B802222P1 TO TB1-6

GETC CHANNEL 01	J01	-----	19D903998P1
GETC CHANNEL 02	J02		
GETC CHANNEL 03	J03		
GETC CHANNEL 04	J04		
GETC CHANNEL 05	J05		
GETC CHANNEL 06	J06		
GETC CHANNEL 07	J07		
GETC CHANNEL 08	J08		
GETC CHANNEL 09	J09		
GETC CHANNEL 10	J10		

1-10 CHANNEL SYSTEM CONFIGURATIONS

Cable Connections, Module Location & Identification

RIC AUDIO #1 TO LIX PANEL

CHANNEL 01	J01	RIC #01 J100	19D903880P41
CHANNEL 02	J02	RIC #02 J100	19D903880P41
CHANNEL 03	J03	RIC #03 J100	19D903880P41
CHANNEL 04	J04	RIC #04 J100	19D903880P41
CHANNEL 05	J05	RIC #05 J100	19D903880P41
CHANNEL 06	J06	RIC #06 J100	19D903880P41
CHANNEL 07	J07	RIC #07 J100	19D903880P41
CHANNEL 08	J08	RIC #08 J100	19D903880P41
CHANNEL 09	J09	RIC #09 J100	19D903880P41
CHANNEL 10	J10	RIC #10 J100	19D903880P41

AUDIO IN #1

CHANNEL 01	TRANS MODULE #1 J01A	RIC AUDIO MODULE #1 J01	19D90388P160
CHANNEL 01	TRANS MODULE #1 J02A	RIC AUDIO MODULE #1 J02	19D90388P160
CHANNEL 01	TRANS MODULE #1 J03A	RIC AUDIO MODULE #1 J03	19D90388P160
CHANNEL 01	TRANS MODULE #1 J04A	RIC AUDIO MODULE #1 J04	19D90388P160
CHANNEL 01	TRANS MODULE #1 J05A	RIC AUDIO MODULE #1 J05	19D90388P160
CHANNEL 01	TRANS MODULE #1 J06A	RIC AUDIO MODULE #1 J06	19D90388P160
CHANNEL 01	TRANS MODULE #1 J07A	RIC AUDIO MODULE #1 J07	19D90388P160
CHANNEL 01	TRANS MODULE #1 J08A	RIC AUDIO MODULE #1 J08	19D90388P160
CHANNEL 01	TRANS MODULE #1 J09A	RIC AUDIO MODULE #1 J09	19D90388P160
CHANNEL 01	TRANS MODULE #1 J10A	RIC AUDIO MODULE #1 J10	19D90388P160

RIC CHANNEL 01	TB10-7 RED	TB10-6 BLACK	19B802222P1
RIC CHANNEL 02	TB10-7 RED	TB10-6 BLACK	19B802222P1
RIC CHANNEL 03	TB10-7 RED	TB10-6 BLACK	19B802222P1
RIC CHANNEL 04	TB10-7 RED	TB10-6 BLACK	19B802222P1
RIC CHANNEL 05	TB10-7 RED	TB10-6 BLACK	19B802222P1
RIC CHANNEL 06	TB10-7 RED	TB10-6 BLACK	19B802222P1
RIC CHANNEL 07	TB10-7 RED	TB10-6 BLACK	19B802222P1
RIC CHANNEL 08	TB10-7 RED	TB10-6 BLACK	19B802222P1
RIC CHANNEL 09	TB10-7 RED	TB10-6 BLACK	19B802222P1
RIC CHANNEL 10	TB10-7 RED	TB10-6 BLACK	19B802222P1

SERIAL MODULE 'B'

CHANNEL 01	J01	RIC #01 J101	19D903880P211
CHANNEL 02	J02	RIC #02 J101	19D903880P211
CHANNEL 03	J03	RIC #03 J101	19D903880P211
CHANNEL 04	J04	RIC #04 J101	19D903880P211
CHANNEL 05	J05	RIC #05 J101	19D903880P211
CHANNEL 06	J06	RIC #06 J101	19D903880P211
CHANNEL 07	J07	RIC #07 J101	19D903880P211
CHANNEL 08	J08	RIC #08 J101	19D903880P211
CHANNEL 09	J09	RIC #09 J101	19D903880P211
CHANNEL 10	J10	RIC #10 J101	19D903880P211

PHONE LINES TRANSFORMER MODULE #1 (PANEL #2--19D904009G)

CHANNEL 01	TRANS MODULE #1 J01	RIC #01	TB10-9/10/11/12 *	19D903880P11
CHANNEL 02	TRANS MODULE #1 J02	RIC #02	TB10-9/10/11/12 *	19D903880P11
CHANNEL 03	TRANS MODULE #1 J03	RIC #03	TB10-9/10/11/12 *	19D903880P11
CHANNEL 04	TRANS MODULE #1 J04	RIC #04	TB10-9/10/11/12 *	19D903880P11

PHONE LINES TRANSFORMER MODULE #2 (PANEL #2--19D904009G)

CHANNEL 05	TRANS MODULE #2 J01	RIC #05	TB10-9/10/11/12 *	19D903880P11
CHANNEL 06	TRANS MODULE #2 J02	RIC #06	TB10-9/10/11/12 *	19D903880P11
CHANNEL 07	TRANS MODULE #2 J03	RIC #07	TB10-9/10/11/12 *	19D903880P11
CHANNEL 08	TRANS MODULE #2 J04	RIC #08	TB10-9/10/11/12 *	19D903880P11

PHONE LINES TRANSFORMER MODULE #3 (PANEL #2--19D904009G)

CHANNEL 09	TRANS MODULE #3 J01	RIC #09	TB10-9/10/11/12 *	19D903880P11
CHANNEL 10	TRANS MODULE #3 J02	RIC #10	TB10-9/10/11/12 *	19D903880P11
* TB10-9 BLUE/WHITE TB10-10 WHITE/BLUE				
* TB10-11 ORANGE/WHITE TB10-12 WHITE/ORANGE				

RIC CHANNEL 01	J11	-----	19D903998P1
RIC CHANNEL 02	J12		
RIC CHANNEL 03	J13		
RIC CHANNEL 04	J14		
RIC CHANNEL 05	J15		
RIC CHANNEL 06	J16	-----	19D903999P1
RIC CHANNEL 07	J17		
RIC CHANNEL 08	J18		
RIC CHANNEL 09	J19		
RIC CHANNEL 10	J20		

1-10 CHANNEL SYSTEM CONFIGURATIONS

Cable Connections, Module Location & Identification

POWER CONNECTION

FUSE PANEL #1

TB1-1		P01-1	RED	19D903880P300
TB1-3		P01-1	RED	
TB1-5		P01-1	RED	
TB1-7		P01-1	RED	
TB2-1		P01-2	BLACK	19D903880P301
TB2-3		P01-2	BLACK	
TB2-5		P01-2	BLACK	
TB2-7		P01-2	BLACK	
TB1-1	TB1-2			7143961P1
TB1-3	TB1-4			7143961P1
TB1-5	TB1-6			7143961P1
TB1-7	TB1-8			7143961P1
TB2-1	TB2-2			7143961P1
TB2-3	TB2-4			7143961P1
TB2-5	TB2-6			7143961P1
TB2-7	TB2-8			7143961P1
J1		P1		19D903998P1
J2		P2		
J3		P1		

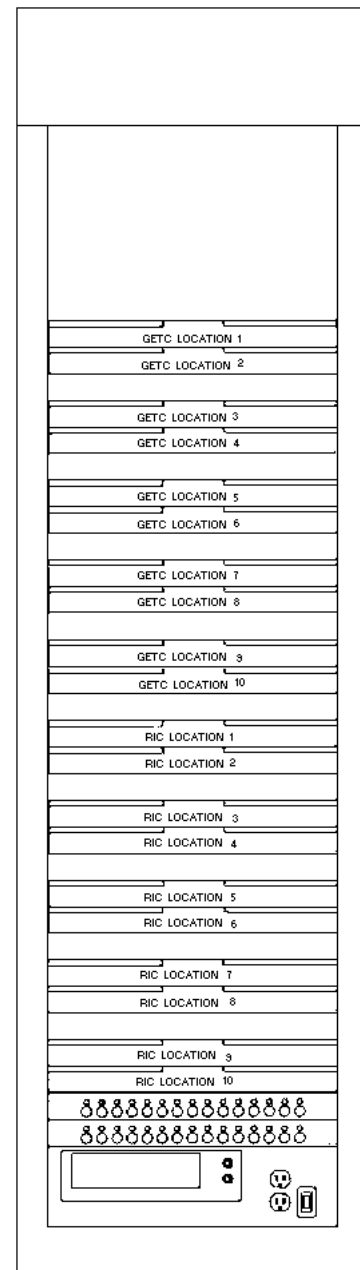
FUSE PANEL #2

TB1-1		P01-3	RED	19D903880P300
TB1-3		P01-3	RED	
TB1-5		P01-3	RED	
TB1-7		P01-3	RED	
TB2-1		P01-4	BLACK	19D903880P301
TB2-3		P01-4	BLACK	
TB2-5		P01-4	BLACK	
TB2-7		P01-4	BLACK	
TB1-1	TB1-2			7143961P1
TB1-3	TB1-4			7143961P1
TB1-5	TB1-6			7143961P1
TB1-7	TB1-8			7143961P1
TB2-1	TB2-2			7143961P1
TB2-3	TB2-4			7143961P1
TB2-5	TB2-6			7143961P1
TB2-7	TB2-8			7143961P1
J1		P4		19D903999P1

1-10 CHANNEL SYSTEM CONFIGURATIONS

Cable connections, Module Location & Identification

(344A4265, Sh. 5, Rev. 4)



26 GETC/RIC CABINET FRONT VIEW

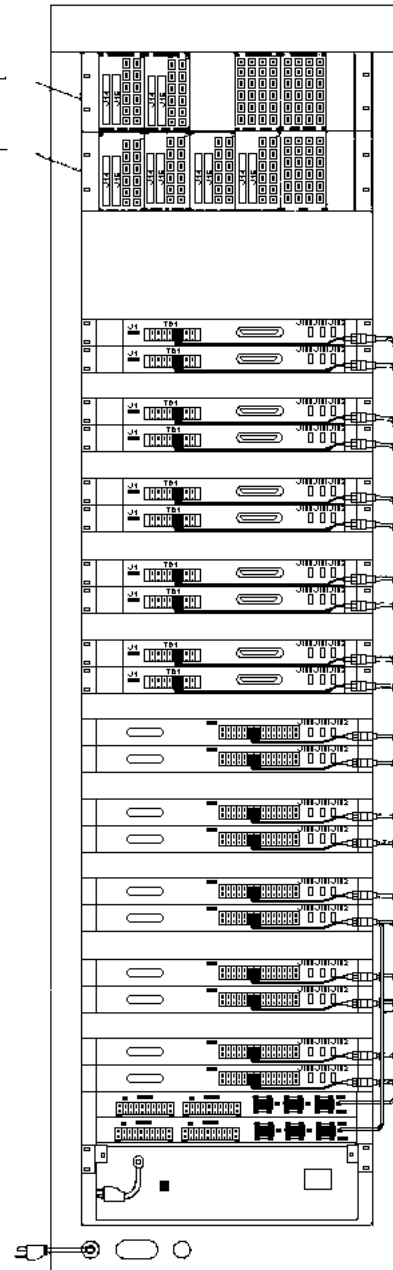
1-10 CHANNEL SYSTEM CONFIGURATIONS

Equipment Rackup

19D904160P26

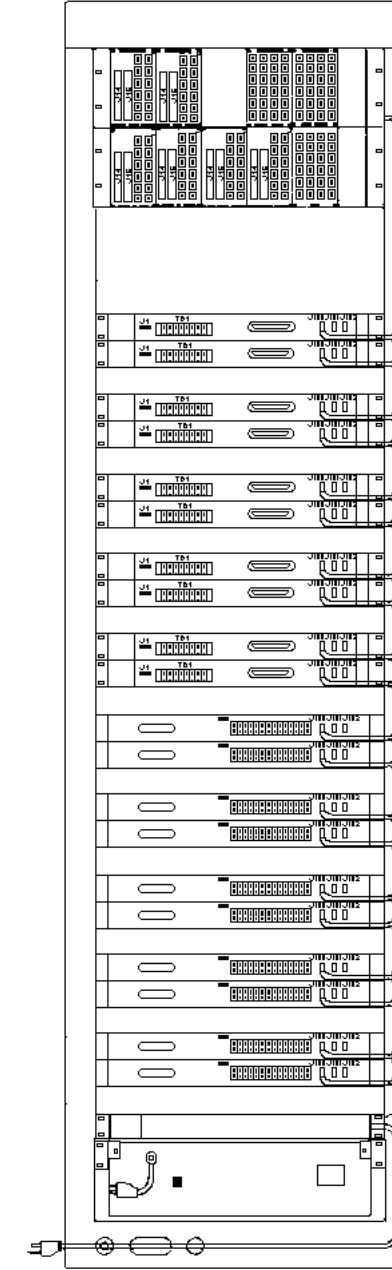
(19D904160, Sh. 14, Rev. 1)

CONNECTOR PANEL 19D904009G9
CONNECTOR PANEL 19D904009G3



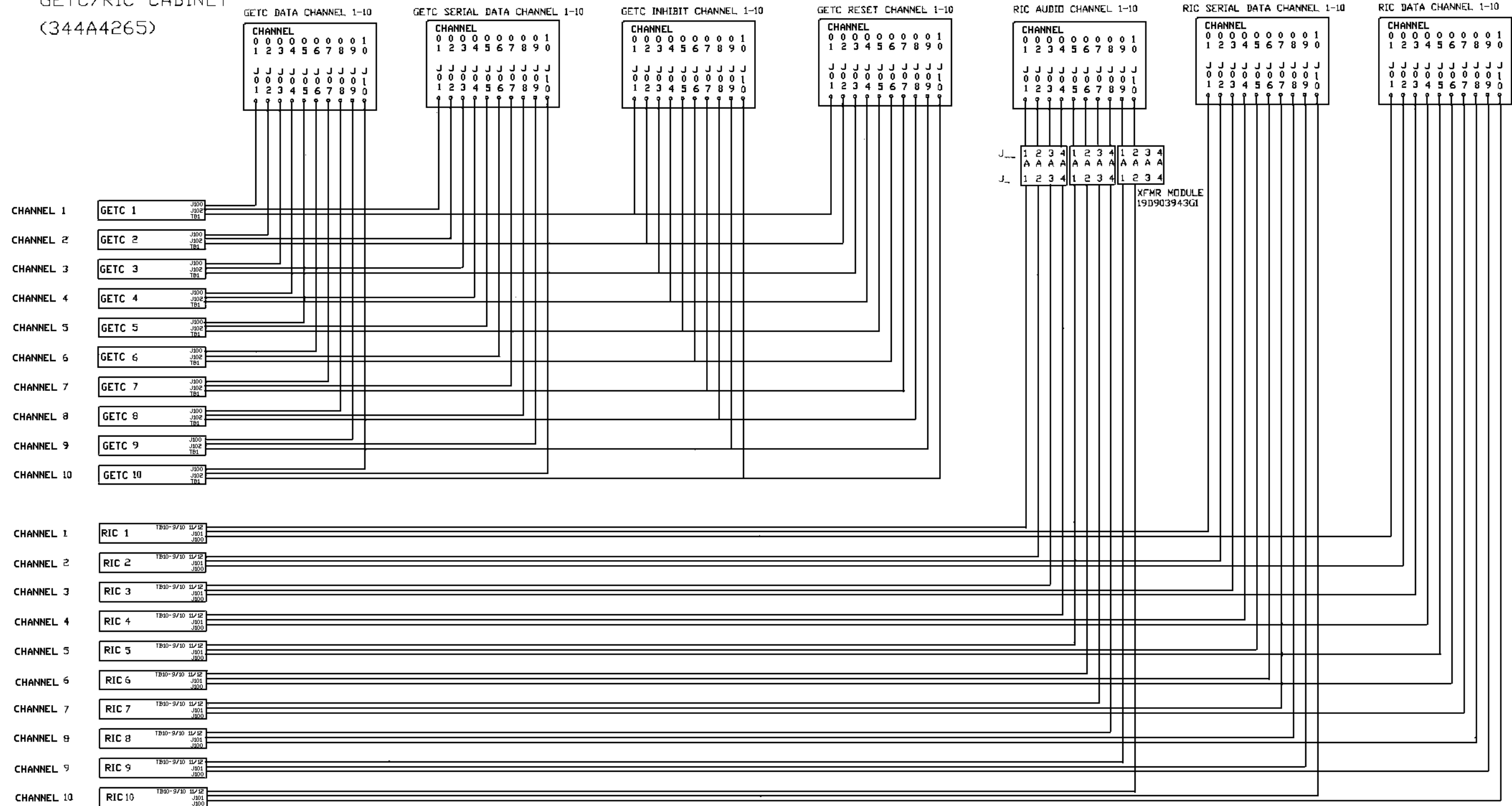
GETC/RIC CABINET REAR VIEW (POWER WIRING)

SEE 344A4225 FOR MODULE IDENTIFICATION AND CONNECTION LIST



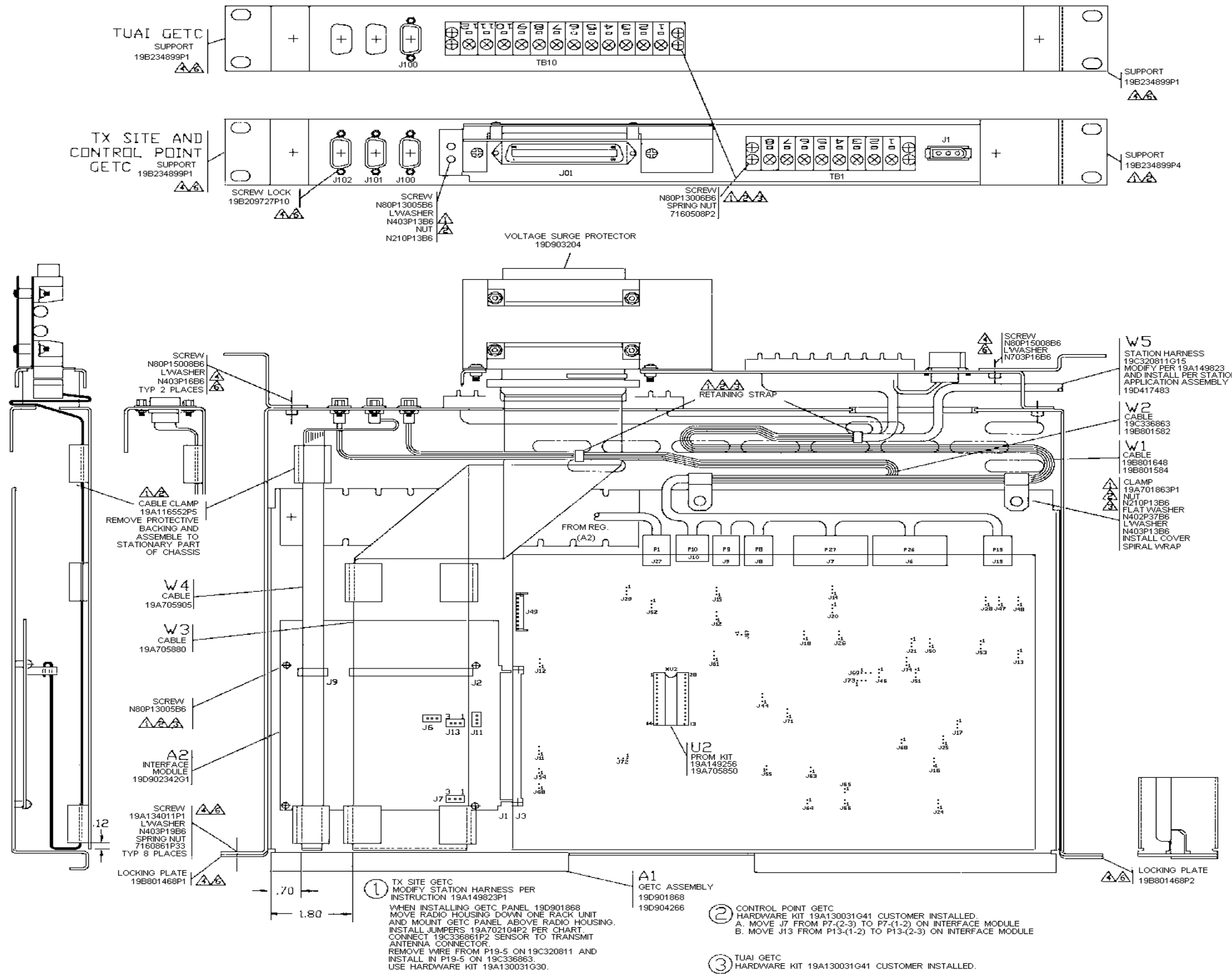
GETC/RIC CABINET REAR VIEW (SIGNAL WIRING)

STATION INTRA CABINET WIRING
SIMULCAST CONTROL POINT
GETC/RIC CABINET
(344A4265)



1-10 CHANNEL SYSTEM CONFIGURATIONS
GETC/RIC Intra Cabinet Block Diagram

(19D904230, Sh. 6, Rev. 2)



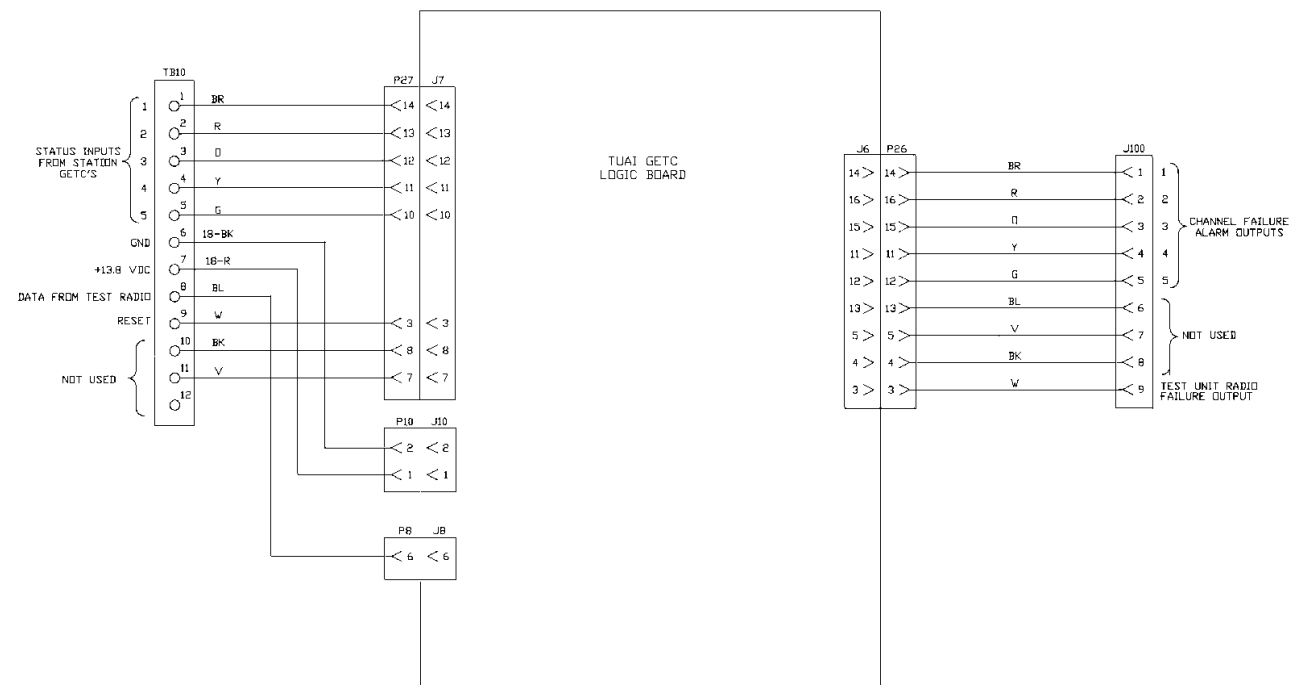
NOTES:

- ① PART OF HARDWARE KIT PL19A149821G1
- ② PART OF HARDWARE KIT PL19A149821G2
- ③ PART OF HARDWARE KIT PL19A149821G3
- ④ PART OF HARDWARE KIT PL19A130031G30
- ⑤ PART OF HARDWARE KIT PL19A130031G40
- ⑥ PART OF HARDWARE KIT PL19A130031G41
- ⑦ INSTALL JUMPERS P11-P73 PER TABLE

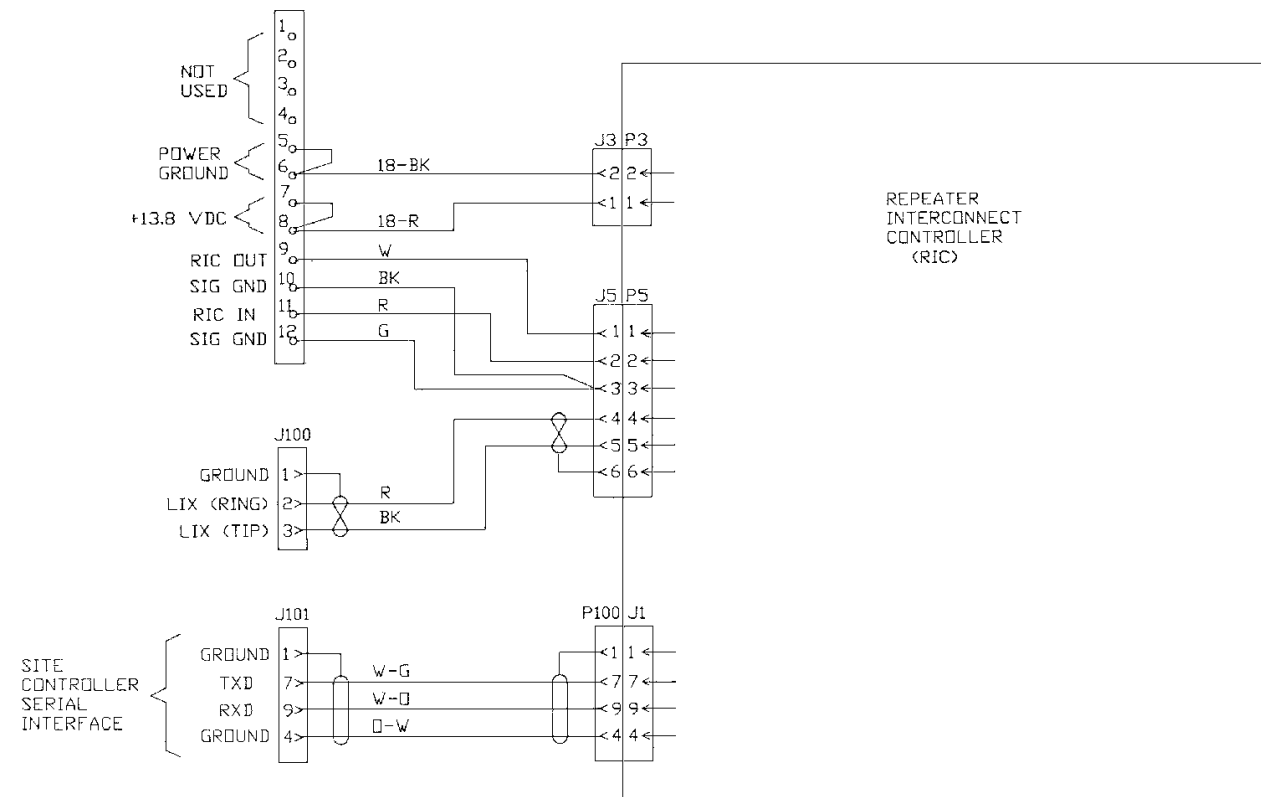
JUMPER	PST SIMULCAST REMOTE ①	PST SIMULCAST CONTROL ②	PST SIMULCAST TUAI ③
P11	1-2	1-2	1-2
P12	1-2	1-2	1-2
P13	1-2	1-2	OMIT
P14	1-2	1-2	1-2
P15	1-2	1-2	1-2
P16	1-2	1-2	2-3
P17	OMIT	1-2	1-2
P18	1-2	1-2	1-2
P20	OMIT	OMIT	OMIT
P21	1-2	1-2	2-3
P24	1-2	1-2	2-3
P25	1-2	1-2	2-3
P26	1-2	1-2	1-2
P28	1-2	1-2	2-3
P29	1-2	1-2	1-2
P44	1-2	1-2	1-2
P46	1-2	1-2	1-2
P47	1-2	1-2	1-2
P48	1-2	1-2	1-2
P50	1-2	1-2	1-2
P51	OMIT	OMIT	1-2
P52	2-3	2-3	2-3
P53	1-2	1-2	1-2
P54	OMIT	OMIT	1-2
P55	1-2	OMIT	1-2
P60	OMIT	OMIT	1-2
P61	2-3	2-3	2-3
P62	1-2	OMIT	1-2
P63	OMIT	OMIT	OMIT
P64	OMIT	OMIT	OMIT
P65	OMIT	OMIT	OMIT
P66	OMIT	OMIT	OMIT
P67	1-2	1-2	1-2
P68	OMIT	1-2	OMIT
P69	1-2	1-2	OMIT
P71	1-2	1-2	1-2
P72	1-2	1-2	1-2
P73	2-3	2-3	1-2
P74	2-3	2-3	2-3

⑧ THESE INSTRUCTIONS SUPERCEDE GETC
ASSEMBLY INSTRUCTIONS SHOWN ON
APPLICATION ASSEMBLY 19D417483

1-10 CHANNEL SYSTEM CONFIGURATION
GETC Application Asembly



NOTES:
1. SEE 19D902507 IN LBI-38565 FOR APPLICATION ASSEMBLY DETAILS.



1-10 CHANNEL SYSTEM CONFIGURATIONS

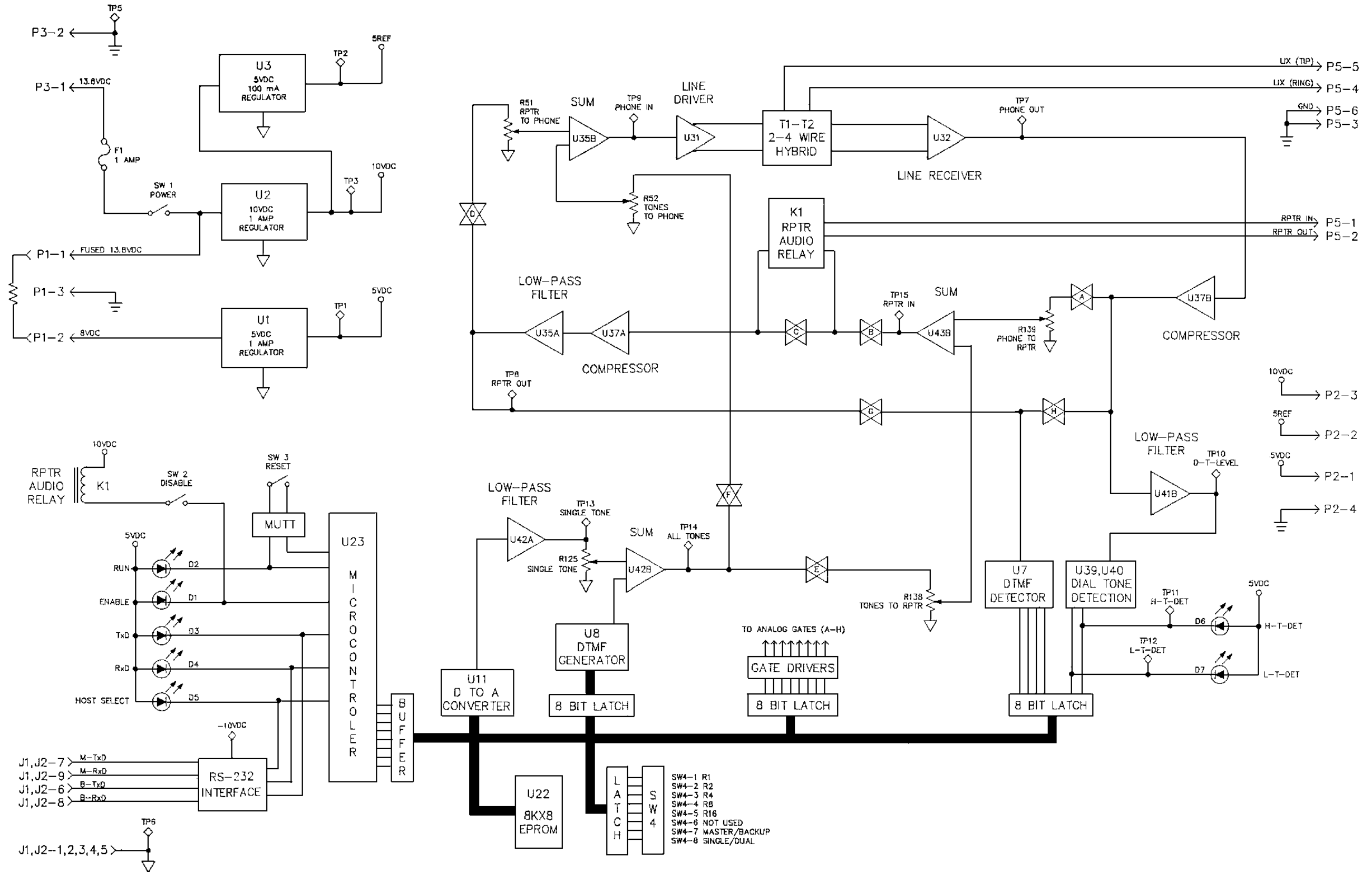
GETC Block Diagram

(19D903822, Sh. 3, Rev. 1)

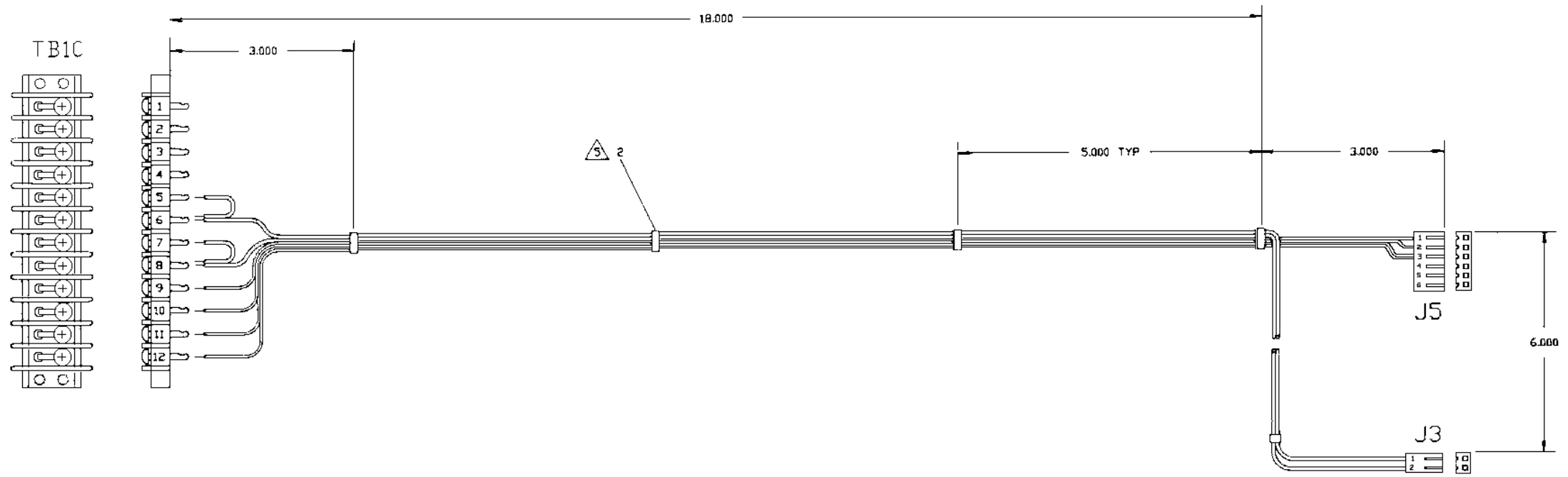
1-10 CHANNEL SYSTEM CONFIGURATIONS

GETC Block Diagram

(19D903822, Sh. 4, Rev. 1)



1-10 CHANNEL SYSTEM CONFIGURATIONS
RIC Application Assembly



CONNECTION CHART					
FROM	TERMINATION	TO	TERMINATE WITH	WIRE - SEE REQ. 3, 4	CIRCUIT NAME
TB10-5	SOLDER	TB10-6	SOLDER	#18 BLACK	GROUND
TB10-6	SOLDER	P3-2	ITEM 1	#18 BLACK	GROUND
TB10-7	SOLDER	TB10-8	SOLDER	#18 RED	A+
TB10-8	SOLDER	P3-1	ITEM 1	#18 RED	A+
TB10-9	SOLDER	P5-1	ITEM 1	#24 WHITE	RIC OUT
TB10-10	SOLDER	P5-3	ITEM 1	#24 BLACK	GROUND
TB10-12	SOLDER	P5-3	ITEM 1	#24 GREEN	GROUND
TB10-11	SOLDER	P5-2	ITEM 1	#24 RED	RIC IN

MATERIAL LIST				
ITEM	EGE PART NUMBER	VENDOR PART NUMBER (OR EQUIVALENT)	DESCRIPTION	QTY
J3	19A116659P16	MOLEX 09-05-7031	CONNECTOR BODY	1
J5	19A116659P80	MOLEX 09-05-7063	CONNECTOR BODY	1
TB1	19C301086P0		TERMINAL BOARD	1
1	19A116781P4	MOLEX 08-50-0107 OR MOLEX 08-50-0174	CONTACT	5
2	19J706152P5	PANDUIT SST-1M	RETAINING STRAP	5

PART ① REQUIREMENTS:

- CABLE ASSEMBLY OPERATING TEMPERATURE RANGE 20 TO +80 DEG C.
- ALL TERMINALS SHALL PROVIDE INSULATION SUPPORT.
- #18 AWG WIRE SHALL BE STRANDED, VINYL INSULATION, 600 VOLTS RMS, UL TYPE 1015 (SIMILAR TO GE DRAWING 19A116889)
- #24 AWG SHALL BE STRANDED, VINYL INSULATION, 600 VOLTS RMS (SIMILAR TO GE DRAWING 19A115871)
- LACE AND/OR SPOT TIE AS REQUIRED TO MAINTAIN CABLE SHAPE AND DIMENSIONS SHOWN (RETAINING STRAP SIMILAR TO GE DRAWING 19J706152P5)
- CABLE ASSEMBLY SHALL BE MARKED WITH DRAWING AND PART NUMBER (19D903148P1)
- WIRING SHALL BE PER CONNECTION CHART AND 100% INSPECTED.

THE HIGHEST REVISION NUMBER ON ANY SHEET IS THE REVISION FOR ALL SHEETS OF THIS DRAWING

PURCHASE FROM AN APPROVED VENDOR
 THIS DRAWING SUBJECT TO THE PROVISIONS OF 19A700070
 PURCHASING TO SUPPLY VENDOR WITH COPIES OF THIS DRAWING AND 19A700070 PLUS 19C301086 MATERIAL MUST MEET G.E. INCOMING INSPECTION & TEST SAMPLE PER 19A700070P3

LEGEND

- PART ① = DRAWING PART NUMBER
 1 = MATERIAL LIST ITEM NUMBER
 ⚠ = SEE NOTE NUMBERED

1-10 CHANNEL SYSTEM CONFIGURATIONS
 RIC CABLE (Internal To GETC)

(19D903148,Rev. 1)