

MAINTENANCE MANUAL

SIMULCAST SYSTEM DRAWINGS

CONTROL POINT GETC/RIC EQUIPMENT

SYSTEM CONFIGURATIONS WITH MORE THAN 10 CHANNELS

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CONNECTION TO SIMULCAST CONTROL POINT GETC CABINET  
CHANNEL 1-20

GETC DATA MODULE #1

|            |     |      |      |              |
|------------|-----|------|------|--------------|
| CHANNEL 01 | J01 | GETC | J100 | 19D903880P21 |
| CHANNEL 02 | J02 | GETC | J100 | 19D903880P21 |
| CHANNEL 03 | J03 | GETC | J100 | 19D903880P21 |
| CHANNEL 04 | J04 | GETC | J100 | 19D903880P21 |
| CHANNEL 05 | J05 | GETC | J100 | 19D903880P21 |
| CHANNEL 06 | J06 | GETC | J100 | 19D903880P21 |
| CHANNEL 07 | J07 | GETC | J100 | 19D903880P22 |
| CHANNEL 08 | J08 | GETC | J100 | 19D903880P22 |
| CHANNEL 09 | J09 | GETC | J100 | 19D903880P22 |
| CHANNEL 10 | J10 | GETC | J100 | 19D903880P22 |
| CHANNEL 11 | J11 | GETC | J100 | 19D903880P22 |
| CHANNEL 12 | J12 | GETC | J100 | 19D903880P22 |

GETC DATA MODULE #2

|            |     |      |      |              |
|------------|-----|------|------|--------------|
| CHANNEL 13 | J01 | GETC | J100 | 19D903880P23 |
| CHANNEL 14 | J02 | GETC | J100 | 19D903880P23 |
| CHANNEL 15 | J03 | GETC | J100 | 19D903880P23 |
| CHANNEL 16 | J04 | GETC | J100 | 19D903880P23 |
| CHANNEL 17 | J05 | GETC | J100 | 19D903880P24 |
| CHANNEL 18 | J06 | GETC | J100 | 19D903880P24 |
| CHANNEL 19 | J07 | GETC | J100 | 19D903880P24 |
| CHANNEL 20 | J08 | GETC | J100 | 19D903880P24 |

SERIAL MODULE

|            |     |      |      |              |
|------------|-----|------|------|--------------|
| CHANNEL 01 | J01 | GETC | J102 | 19D903880P21 |
| CHANNEL 02 | J02 | GETC | J102 | 19D903880P21 |
| CHANNEL 03 | J03 | GETC | J102 | 19D903880P21 |
| CHANNEL 04 | J04 | GETC | J102 | 19D903880P21 |
| CHANNEL 05 | J05 | GETC | J102 | 19D903880P21 |
| CHANNEL 06 | J06 | GETC | J102 | 19D903880P21 |
| CHANNEL 07 | J07 | GETC | J102 | 19D903880P22 |
| CHANNEL 08 | J08 | GETC | J102 | 19D903880P22 |
| CHANNEL 09 | J09 | GETC | J102 | 19D903880P22 |
| CHANNEL 10 | J10 | GETC | J102 | 19D903880P22 |
| CHANNEL 11 | J11 | GETC | J102 | 19D903880P22 |
| CHANNEL 12 | J12 | GETC | J102 | 19D903880P22 |
| CHANNEL 13 | J13 | GETC | J102 | 19D903880P23 |
| CHANNEL 14 | J14 | GETC | J102 | 19D903880P23 |
| CHANNEL 15 | J15 | GETC | J102 | 19D903880P23 |
| CHANNEL 16 | J16 | GETC | J102 | 19D903880P23 |
| CHANNEL 17 | J17 | GETC | J102 | 19D903880P24 |
| CHANNEL 18 | J18 | GETC | J102 | 19D903880P24 |
| CHANNEL 19 | J19 | GETC | J102 | 19D903880P24 |
| CHANNEL 20 | J20 | GETC | J102 | 19D903880P24 |

GETC RESET

|            |     |      |           |              |
|------------|-----|------|-----------|--------------|
| CHANNEL 01 | J01 | GETC | TB1-1/6 * | 19D903880P11 |
| CHANNEL 02 | J02 | GETC | TB1-1/6 * | 19D903880P11 |
| CHANNEL 03 | J03 | GETC | TB1-1/6 * | 19D903880P11 |
| CHANNEL 04 | J04 | GETC | TB1-1/6 * | 19D903880P11 |
| CHANNEL 05 | J05 | GETC | TB1-1/6 * | 19D903880P11 |
| CHANNEL 06 | J06 | GETC | TB1-1/6 * | 19D903880P11 |
| CHANNEL 07 | J07 | GETC | TB1-1/6 * | 19D903880P12 |
| CHANNEL 08 | J08 | GETC | TB1-1/6 * | 19D903880P12 |
| CHANNEL 09 | J09 | GETC | TB1-1/6 * | 19D903880P12 |
| CHANNEL 10 | J10 | GETC | TB1-1/6 * | 19D903880P12 |
| CHANNEL 11 | J11 | GETC | TB1-1/6 * | 19D903880P12 |
| CHANNEL 12 | J12 | GETC | TB1-1/6 * | 19D903880P12 |
| CHANNEL 13 | J13 | GETC | TB1-1/6 * | 19D903880P13 |
| CHANNEL 14 | J14 | GETC | TB1-1/6 * | 19D903880P13 |
| CHANNEL 15 | J15 | GETC | TB1-1/6 * | 19D903880P13 |
| CHANNEL 16 | J16 | GETC | TB1-1/6 * | 19D903880P13 |
| CHANNEL 17 | J17 | GETC | TB1-1/6 * | 19D903880P14 |
| CHANNEL 18 | J18 | GETC | TB1-1/6 * | 19D903880P14 |
| CHANNEL 19 | J19 | GETC | TB1-1/6 * | 19D903880P14 |
| CHANNEL 20 | J20 | GETC | TB1-1/6 * | 19D903880P14 |

\*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 | 19D903880P11 |
| CHANNEL 02 | J02 | GETC | TB1-2/3/4/5 | 19D903880P11 |
| CHANNEL 03 | J03 | GETC | TB1-2/3/4/5 | 19D903880P11 |
| CHANNEL 04 | J04 | GETC | TB1-2/3/4/5 | 19D903880P11 |
| CHANNEL 05 | J05 | GETC | TB1-2/3/4/5 | 19D903880P11 |
| CHANNEL 06 | J06 | GETC | TB1-2/3/4/5 | 19D903880P11 |
| CHANNEL 07 | J07 | GETC | TB1-2/3/4/5 | 19D903880P12 |
| CHANNEL 08 | J08 | GETC | TB1-2/3/4/5 | 19D903880P12 |
| CHANNEL 09 | J09 | GETC | TB1-2/3/4/5 | 19D903880P12 |
| CHANNEL 10 | J10 | GETC | TB1-2/3/4/5 | 19D903880P12 |
| CHANNEL 11 | J11 | GETC | TB1-2/3/4/5 | 19D903880P12 |
| CHANNEL 12 | J12 | GETC | TB1-2/3/4/5 | 19D903880P12 |

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

|                                                                 |       |      |             |              |
|-----------------------------------------------------------------|-------|------|-------------|--------------|
| GETC INHIBIT/VOTER TONE DETECT/RS232 TO VOTER SELECTOR--MODULE2 |       |      |             |              |
| CHANNEL 13                                                      | J01   | GETC | TB1-2/3/4/5 | 19D903880P13 |
| CHANNEL 14                                                      | J02   | GETC | TB1-2/3/4/5 | 19D903880P13 |
| CHANNEL 15                                                      | J03   | GETC | TB1-2/3/4/5 | 19D903880P13 |
| CHANNEL 16                                                      | J04   | GETC | TB1-2/3/4/5 | 19D903880P13 |
| CHANNEL 17                                                      | J05   | GETC | TB1-2/3/4/5 | 19D903880P14 |
| CHANNEL 18                                                      | J06   | GETC | TB1-2/3/4/5 | 19D903880P14 |
| CHANNEL 19                                                      | J07   | GETC | TB1-2/3/4/5 | 19D903880P14 |
| CHANNEL 20                                                      | J08   | GETC | TB1-2/3/4/5 | 19D903880P14 |
| BLUE/WHITE                                                      | TB1-2 |      |             |              |
| WHITE/BLUE                                                      | TB1-3 |      |             |              |
| ORANGE/WHITE                                                    | TB1-4 |      |             |              |
| WHITE/ORANGE                                                    | TB1-5 |      |             |              |

POWER CONNECTION TO GETC

|                                              |     |      |           |             |
|----------------------------------------------|-----|------|-----------|-------------|
| CHANNEL 01                                   | J01 | 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 |
| CHANNEL 11                                   | J11 | GETC | TB1-6/7 # | 19B802222P1 |
| CHANNEL 12                                   | J12 | GETC | TB1-6/7 # | 19B802222P1 |
| CHANNEL 13                                   | J13 | GETC | TB1-6/7 # | 19B802222P1 |
| CHANNEL 14                                   | J14 | GETC | TB1-6/7 # | 19B802222P1 |
| CHANNEL 15                                   | J15 | GETC | TB1-6/7 # | 19B802222P1 |
| CHANNEL 16                                   | J16 | GETC | TB1-6/7 # | 19B802222P1 |
| CHANNEL 17                                   | J17 | GETC | TB1-6/7 # | 19B802222P1 |
| CHANNEL 18                                   | J18 | GETC | TB1-6/7 # | 19B802222P1 |
| CHANNEL 19                                   | J19 | GETC | TB1-6/7 # | 19B802222P1 |
| CHANNEL 20                                   | J20 | GETC | TB1-6/7 # | 19B802222P1 |
| # CONNECT RED WIRE OF 19B802222P1 TO TB1-7   |     |      |           |             |
| # CONNECT BLACK WIRE OF 19B802222P1 TO TB1-6 |     |      |           |             |

|               |              |       |               |  |
|---------------|--------------|-------|---------------|--|
| FUSE PANEL #1 | POWER SUPPLY |       |               |  |
| 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 | 7143964P1   |
| TB1-3 | TB1-4 | 7143964P1   |
| TB1-5 | TB1-6 | 7143964P1   |
| TB1-7 | TB1-8 | 7143964P1   |
| TB2-1 | TB2-2 | 7143964P1   |
| TB2-3 | TB2-4 | 7143964P1   |
| TB2-5 | TB2-6 | 7143964P1   |
| TB2-7 | TB2-8 | 7143964P1   |
| J1    | P1    | 19D903998P1 |
| J2    | P2    |             |
| J3    | P3    |             |

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 | 7143964P1   |               |
| TB1-3 | TB1-4 | 7143964P1   |               |
| TB1-5 | TB1-6 | 7143964P1   |               |
| TB1-7 | TB1-8 | 7143964P1   |               |
| TB2-1 | TB2-2 | 7143964P1   |               |
| TB2-3 | TB2-4 | 7143964P1   |               |
| TB2-5 | TB2-6 | 7143964P1   |               |
| TB2-7 | TB2-8 | 7143964P1   |               |
| J1    | P4    | 19D903999P1 |               |

|                     |       |             |
|---------------------|-------|-------------|
| 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 |       |             |
| GETC CHANNEL 11 J11 |       |             |
| GETC CHANNEL 12 J12 |       |             |
| GETC CHANNEL 13 J13 |       |             |
| GETC CHANNEL 14 J14 |       |             |
| GETC CHANNEL 15 J15 |       |             |
| GETC CHANNEL 16 J16 | ----- | 19D903999P1 |
| GETC CHANNEL 17 J17 |       |             |
| GETC CHANNEL 18 J18 |       |             |
| GETC CHANNEL 19 J19 |       |             |
| GETC CHANNEL 20 J20 |       |             |

11-20 CHANNEL GETC CONFIGURATION

Cable Connections, Module Location & Identification

EXTERNAL CONNECTION TO GETC CABINET

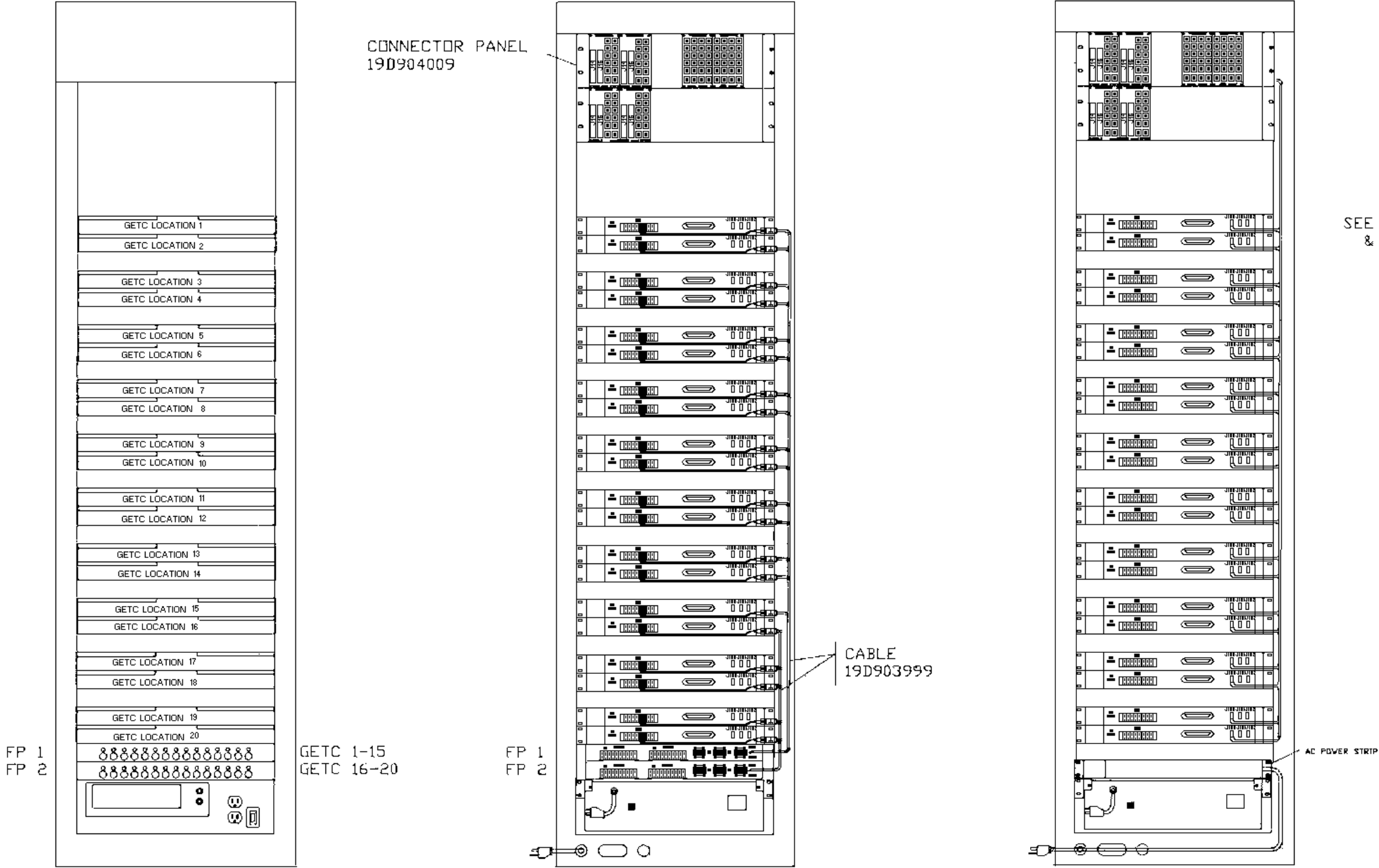
|           |                 |     |                           |     |               |
|-----------|-----------------|-----|---------------------------|-----|---------------|
| RACK GETC | GETC DATA 1-12  | J14 | SITE CNTL GETC DATA 1-12  | J14 | 19D903880P123 |
| RACK GETC | GETC DATA 13-20 | J14 | SITE CNTL GETC DATA 13-20 | J14 | 19D903880P123 |
| RACK GETC | GETC SERIAL MOD | J21 | SITE CNTL GETC SERIAL MOD | J07 | 19D903880P162 |

GETC INTERFACE TO SIMULCAST EQUIPMENT (RACK #1)

|      |            |      |       |                     |               |
|------|------------|------|-------|---------------------|---------------|
| GETC | CHANNEL 01 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P123 |
| GETC | CHANNEL 02 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P123 |
| GETC | CHANNEL 03 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P123 |
| GETC | CHANNEL 04 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P123 |
| GETC | CHANNEL 05 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P123 |
| GETC | CHANNEL 06 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P123 |
| GETC | CHANNEL 07 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P123 |
| GETC | CHANNEL 08 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P123 |
| GETC | CHANNEL 09 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P123 |
| GETC | CHANNEL 10 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P123 |
| GETC | CHANNEL 11 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P121 |
| GETC | CHANNEL 12 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P121 |
| GETC | CHANNEL 13 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P121 |
| GETC | CHANNEL 14 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P121 |
| GETC | CHANNEL 15 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P121 |
| GETC | CHANNEL 16 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P121 |
| GETC | CHANNEL 17 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P121 |
| GETC | CHANNEL 18 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P121 |
| GETC | CHANNEL 19 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P121 |
| GETC | CHANNEL 20 | 25PR | TELCO | RACK#1 PANEL 01 J01 | 19D903880P121 |

11-20 CHANNEL GETC CONFIGURATION  
Cable Connections, Module Location & Identification

(344A4263, Sh. 5, Rev. 4)



22 GETC CABINET  
FRONT VIEW

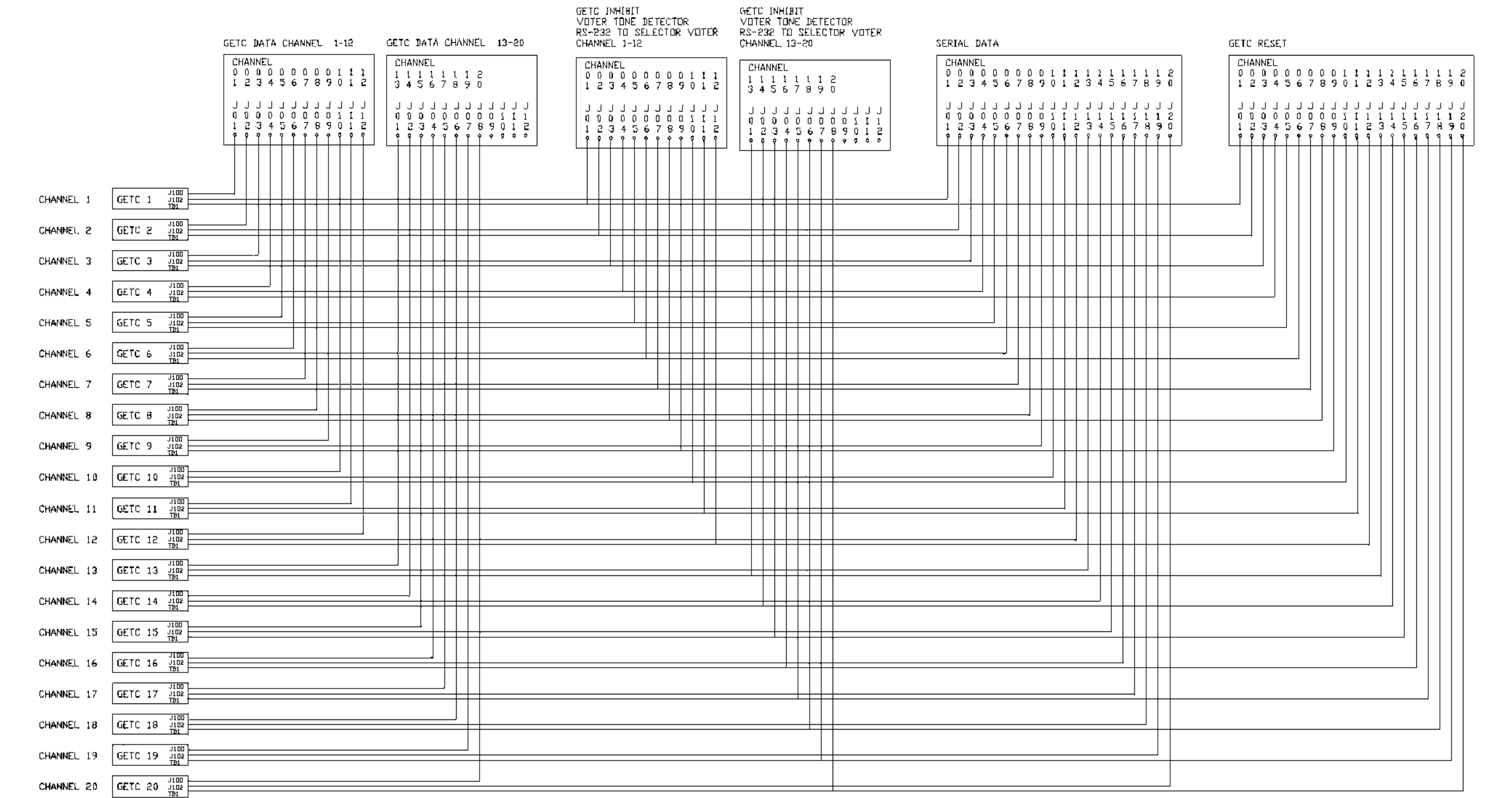
GETC CABINET  
REAR VIEW  
(POWER WIRING)

GETC CABINET  
REAR VIEW  
(SIGNAL WIRING)

11-20 CHANNEL SYSTEM CONFIGURATION  
Equipment Rackup  
19D904160P22

(19D904160, Sh. 12, Rev. 1)

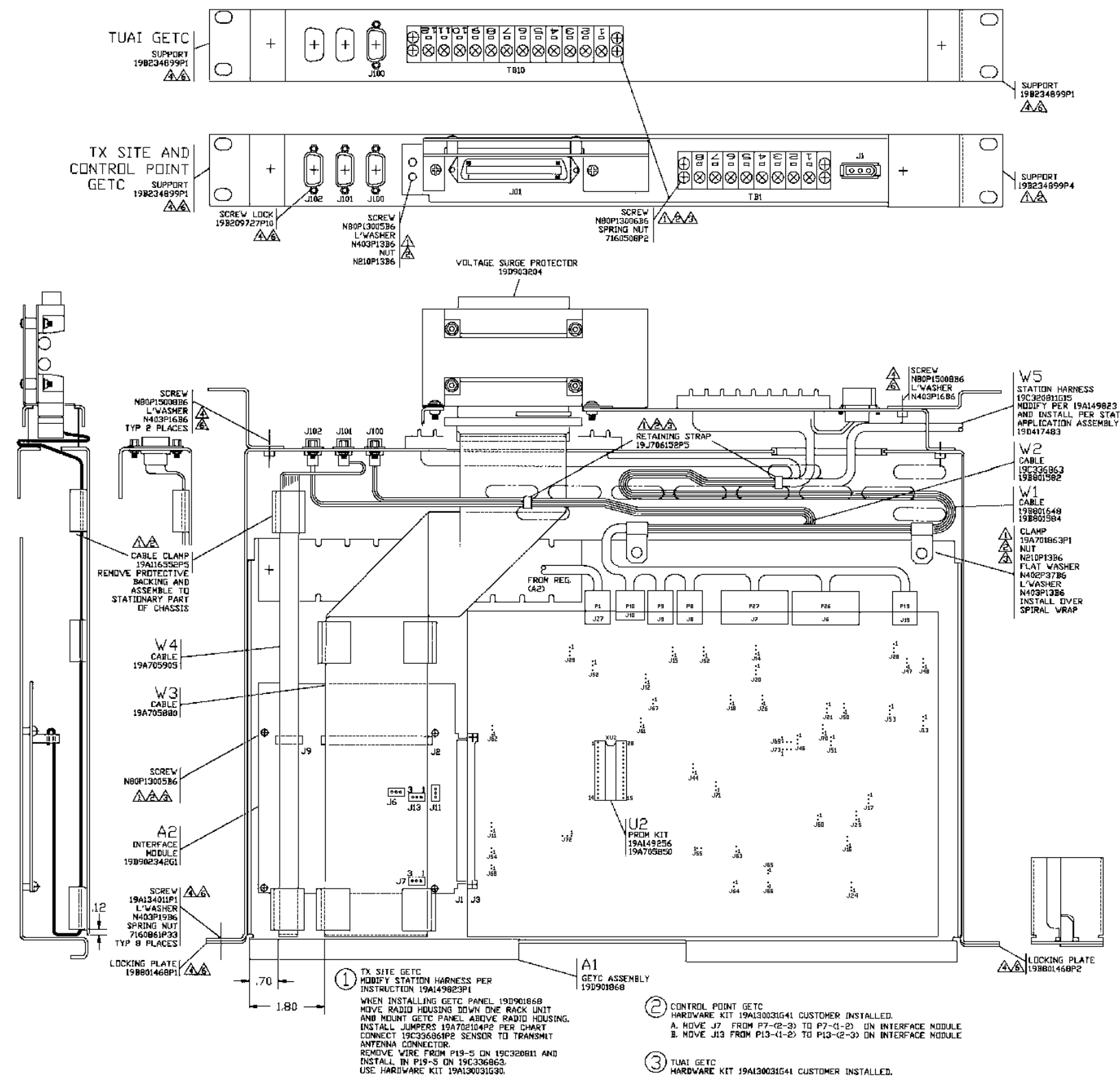
SEE 344A4263 FOR  
MODULE IDENTIFICATION  
AND CONNECTION LIST



11-20 CHANNEL SYSTEM CONFIGURATION  
GETC Intra Cabinet Wiring Diagram

(19D904230, Sh. 4, Rev. 0)





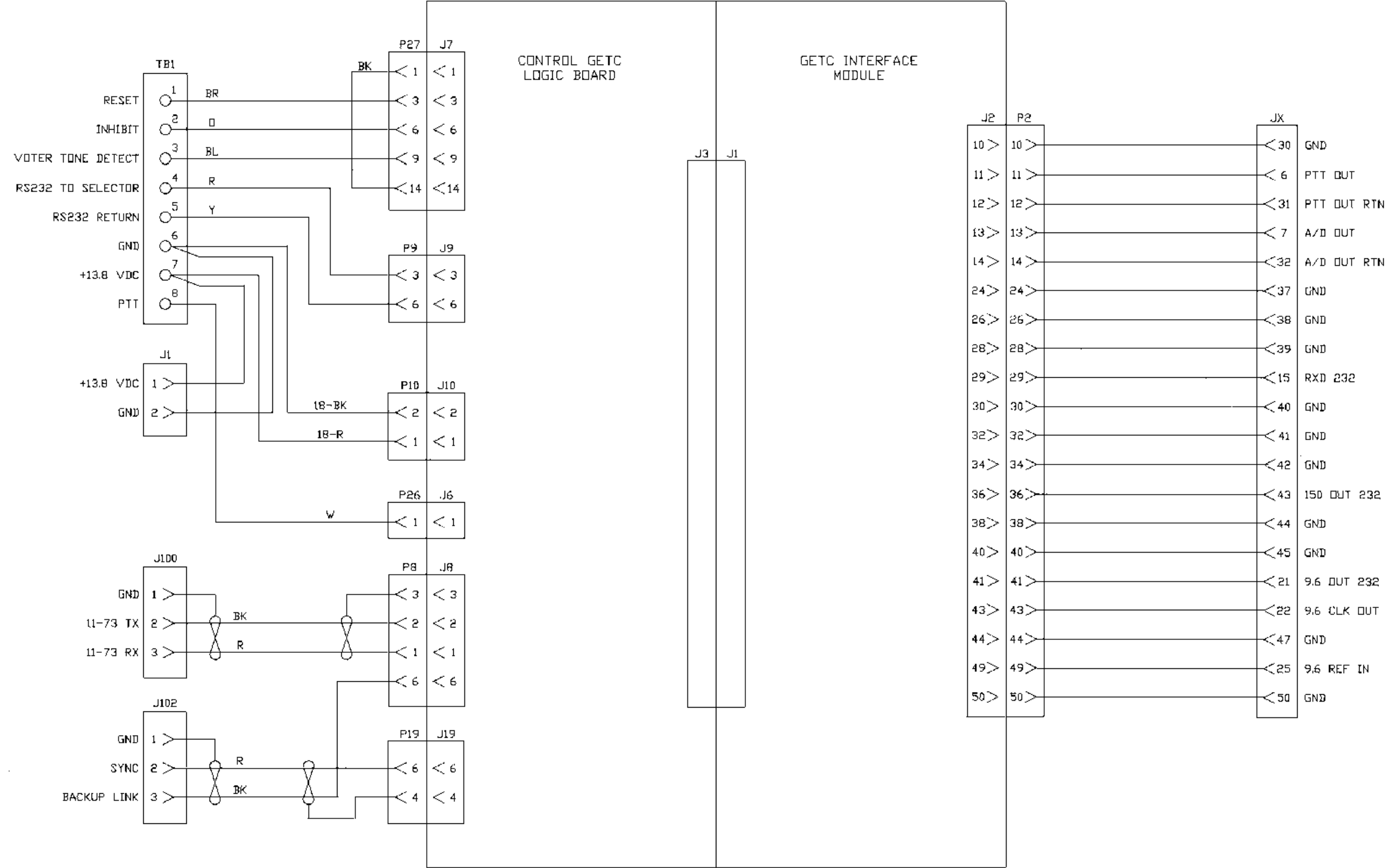
- NOTES:
- ⚠ PART OF HARDWARE KIT PL19A14982IG1
  - ⚠ PART OF HARDWARE KIT PL19A14982IG2
  - ⚠ PART OF HARDWARE KIT PL19A14982IG3
  - ⚠ PART OF HARDWARE KIT PL19A13003IG30
  - ⚠ PART OF HARDWARE KIT PL19A13003IG40
  - ⚠ PART OF HARDWARE KIT PL19A13003IG41
  - 7. INSTALL JUMPERS P11-P73 PER TABLE

| JUMPER | PST<br>SIMULCAST<br>REMOTE<br>(1) | PST<br>SIMULCAST<br>CONTROL<br>(2) | PST<br>SIMULCAST<br>TUAI<br>(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                               | OMIT                            |
| 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                             |

B. THESE INSTRUCTIONS SUPERCEDE GETC  
ASSEMBLY INSTRUCTIONS SHOWN ON  
APPLICATION ASSEMBLY 19D417483

11-20 CHANNEL SYSTEM CONFIGURATION  
GETC Application Assembly

(19D902587, Rev. 4)



11-20 CHANNEL SYSTEM CONFIGURATION  
GETC Block Diagram

(19D903822, Sh. 2, Rev. 1)



SIMULCAST RIC RACK - CHANNELS 1-20

CAT PICK-UP ONE PACKAGE PER SYSTEM

GETC CABINET SCRIB

|        |                        |               |    |
|--------|------------------------|---------------|----|
| SCCA1U | 83" CABINET            |               | 1  |
| SCCN1Z | POWER OUTLET STRIP     |               | 1  |
| SCFN1A | FAN                    |               | 1  |
| SCT    | COMB NUMBER            |               | 1  |
| SCPSIN | POWER SUPPLY (13.8)    |               | 1  |
| SCPDIG | FUSE PANEL             |               | 1  |
| SCCE1F | POWER CABLE (1-15)     | 19D903998P1   | 1  |
|        | PS TO FUSE PANEL CABLE | 19D903880P300 | 1  |
|        | PS TO FUSE PANEL CABLE | 19D903880P301 | 1  |
|        | FUSE PANEL JUMPERS     | 7143964P1     | 8  |
|        | EDAC PANEL             | 19D904009G3   | 1  |
|        | RIC CABLE (AUDIO IN)   | 19D903880P41  | 20 |
|        | RIC CABLE (AUDIO IN)   | 19D903880P11  | 10 |
|        | RIC CABLE (SERIAL)     | 19D903880P211 | 10 |
|        | APPLICATION ASM        | 19D904160P25  | X  |

RIC CABINET EXPANSION FOR 16-20

|        |                        |               |    |
|--------|------------------------|---------------|----|
| SCPDIG | FUSE PANEL             |               | 1  |
| SCCE1P | POWER CABLE (16-20)    | 19D903999P1   | 1  |
|        | PS TO FUSE PANEL CABLE | 19D903880P300 | 1  |
|        | PS TO FUSE PANEL CABLE | 19D903880P301 | 1  |
|        | RIC CABLE (AUDIO IN)   | 19D903880P41  | 2  |
|        | RIC CABLE (AUDIO IN)   | 19D903880P43  | 8  |
|        | RIC CABLE (AUDIO IN)   | 19D903880P11  | 2  |
|        | RIC CABLE (AUDIO IN)   | 19D903880P13  | 8  |
|        | RIC CABLE (SERIAL)     | 19D903880P211 | 10 |

CAT PICK-UP -- ONE PER CHANNEL EQUIP FOR TELEPHONE INTERCONNECT

|        |           |  |   |
|--------|-----------|--|---|
| SCMD3C | RIC       |  | 1 |
| SCCD9D | RIC CABLE |  | 1 |

CAT PICK-UP -- ONE FOR 86" OPEN RACK

|        |  |  |  |
|--------|--|--|--|
| SCZA3P |  |  |  |
|--------|--|--|--|

CAT PICK-UP ONE PER SYSTEM

|        |                                       |               |   |
|--------|---------------------------------------|---------------|---|
| SCCE1G | FIELD INSTALLATION KIT (1-20 CHANNEL) |               |   |
|        | CABLE                                 | 19D903880P122 | 2 |
|        | CABLE                                 | 19D903880P162 | 1 |

CABLE CONNECTION TO SIMULCAST CONTROL POINT RIC CABINET

TELEPHONE LINE CONNECTION 1-20 CHANNELS

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 |
| CHANNEL 11 | J11 | RIC #11 J100 | 19D903880P41 |
| CHANNEL 12 | J12 | RIC #12 J100 | 19D903880P41 |

RIC AUDIO #2 TO LIX PANEL

|                |            |              |              |
|----------------|------------|--------------|--------------|
| CHANNEL 13     | J01        | RIC #13 J100 | 19D903880P43 |
| CHANNEL 14     | J02        | RIC #14 J100 | 19D903880P43 |
| CHANNEL 15     | J03        | RIC #15 J100 | 19D903880P43 |
| CHANNEL 16     | J04        | RIC #16 J100 | 19D903880P43 |
| CHANNEL 17     | J05        | RIC #17 J100 | 19D903880P43 |
| CHANNEL 18     | J06        | RIC #18 J100 | 19D903880P43 |
| CHANNEL 19     | J07        | RIC #19 J100 | 19D903880P43 |
| CHANNEL 20     | J08        | RIC #20 J100 | 19D903880P43 |
| 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  |
| RIC CHANNEL 11 | TB10-7 RED | TB10-6 BLACK | 19B802222P1  |
| RIC CHANNEL 12 | TB10-7 RED | TB10-6 BLACK | 19B802222P1  |
| RIC CHANNEL 13 | TB10-7 RED | TB10-6 BLACK | 19B802222P1  |
| RIC CHANNEL 14 | TB10-7 RED | TB10-6 BLACK | 19B802222P1  |
| RIC CHANNEL 15 | TB10-7 RED | TB10-6 BLACK | 19B802222P1  |
| RIC CHANNEL 16 | TB10-7 RED | TB10-6 BLACK | 19B802222P1  |
| RIC CHANNEL 17 | TB10-7 RED | TB10-6 BLACK | 19B802222P1  |
| RIC CHANNEL 18 | TB10-7 RED | TB10-6 BLACK | 19B802222P1  |
| RIC CHANNEL 19 | TB10-7 RED | TB10-6 BLACK | 19B802222P1  |
| RIC CHANNEL 20 | TB10-7 RED | TB10-6 BLACK | 19B802222P1  |

11-20 CHANNEL GETC CONFIGURATION

Cable Connections, Module Location & Identification

|                   |              |                           |               |               |       |              |       |               |
|-------------------|--------------|---------------------------|---------------|---------------|-------|--------------|-------|---------------|
| AUDIO IN #1       |              |                           |               | FUSE PANEL #1 |       | POWER SUPPLY |       |               |
| CHANNEL 01        | J01          | RIC #01 TB10-9/10/11/12 * | 19D903880P11  | TB1-1         |       | P01-1        | RED   | 19D903880P300 |
| CHANNEL 02        | J02          | RIC #02 TB10-9/10/11/12 * | 19D903880P11  | TB1-3         |       | P01-1        | RED   |               |
| CHANNEL 03        | J03          | RIC #03 TB10-9/10/11/12 * | 19D903880P11  | TB1-5         |       | P01-1        | RED   |               |
| CHANNEL 04        | J04          | RIC #04 TB10-9/10/11/12 * | 19D903880P11  | TB1-7         |       | P01-1        | RED   |               |
| CHANNEL 05        | J05          | RIC #05 TB10-9/10/11/12 * | 19D903880P11  | TB2-1         |       | P01-2        | BLACK | 19D903880P301 |
| CHANNEL 06        | J06          | RIC #06 TB10-9/10/11/12 * | 19D903880P11  | TB2-3         |       | P01-2        | BLACK |               |
| CHANNEL 07        | J07          | RIC #07 TB10-9/10/11/12 * | 19D903880P11  | TB2-5         |       | P01-2        | BLACK |               |
| CHANNEL 08        | J08          | RIC #08 TB10-9/10/11/12 * | 19D903880P11  | TB2-7         |       | P01-2        | BLACK |               |
| CHANNEL 09        | J09          | RIC #09 TB10-9/10/11/12 * | 19D903880P11  | TB1-1         | TB1-2 |              |       | 7143964P1     |
| CHANNEL 10        | J10          | RIC #10 TB10-9/10/11/12 * | 19D903880P11  | TB1-3         | TB1-4 |              |       | 7143964P1     |
| CHANNEL 11        | J11          | RIC #11 TB10-9/10/11/12 * | 19D903880P11  | TB1-5         | TB1-6 |              |       | 7143964P1     |
| CHANNEL 12        | J12          | RIC #12 TB10-9/10/11/12 * | 19D903880P11  | TB1-7         | TB1-8 |              |       | 7143964P1     |
|                   |              |                           |               | TB2-1         | TB2-2 |              |       | 7143964P1     |
|                   |              |                           |               | TB2-3         | TB2-4 |              |       | 7143964P1     |
|                   |              |                           |               | TB2-5         | TB2-6 |              |       | 7143964P1     |
|                   |              |                           |               | TB2-7         | TB2-8 |              |       | 7143964P1     |
|                   |              |                           |               | J1            |       | P1           |       | 19D903998P1   |
|                   |              |                           |               | J2            |       | P2           |       |               |
|                   |              |                           |               | J3            |       | P1           |       |               |
| AUDIO IN #2       |              |                           |               | FUSE PANEL #2 |       | POWER SUPPLY |       |               |
| CHANNEL 13        | J01          | RIC #13 TB10-9/10/11/12 * | 19D903880P13  | TB1-1         |       | P01-3        | RED   | 19D903880P300 |
| CHANNEL 14        | J02          | RIC #14 TB10-9/10/11/12 * | 19D903880P13  | TB1-3         |       | P01-3        | RED   |               |
| CHANNEL 15        | J03          | RIC #15 TB10-9/10/11/12 * | 19D903880P13  | TB1-5         |       | P01-3        | RED   |               |
| CHANNEL 16        | J04          | RIC #16 TB10-9/10/11/12 * | 19D903880P13  | TB1-7         |       | P01-3        | RED   |               |
| CHANNEL 17        | J05          | RIC #17 TB10-9/10/11/12 * | 19D903880P13  | TB2-1         |       | P01-4        | BLACK | 19D903880P301 |
| CHANNEL 18        | J06          | RIC #18 TB10-9/10/11/12 * | 19D903880P13  | TB2-3         |       | P01-4        | BLACK |               |
| CHANNEL 19        | J07          | RIC #19 TB10-9/10/11/12 * | 19D903880P13  | TB2-5         |       | P01-4        | BLACK |               |
| CHANNEL 20        | J08          | RIC #20 TB10-9/10/11/12 * | 19D903880P13  | TB2-7         |       | P01-4        | BLACK |               |
| * TB10-9          | BLUE/WHITE   | TB10-10                   | WHITE/BLUE    |               |       |              |       |               |
| * TB10-11         | ORANGE/WHITE | TB10-12                   | WHITE/ORANGE  |               |       |              |       |               |
| SERIAL MODULE 'B' |              |                           |               |               |       |              |       |               |
| CHANNEL 01        | J01          | RIC #01 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 02        | J02          | RIC #02 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 03        | J03          | RIC #03 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 04        | J04          | RIC #04 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 05        | J05          | RIC #05 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 06        | J06          | RIC #06 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 07        | J07          | RIC #07 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 08        | J08          | RIC #08 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 09        | J09          | RIC #09 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 10        | J10          | RIC #10 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 11        | J11          | RIC #11 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 12        | J12          | RIC #12 J101              | 19D903880P210 |               |       |              |       |               |
| CHANNEL 13        | J13          | RIC #13 J101              | 19D903880P211 |               |       |              |       |               |
| CHANNEL 14        | J14          | RIC #14 J101              | 19D903880P211 |               |       |              |       |               |
| CHANNEL 15        | J15          | RIC #15 J101              | 19D903880P211 |               |       |              |       |               |
| CHANNEL 16        | J16          | RIC #16 J101              | 19D903880P211 |               |       |              |       |               |
| CHANNEL 17        | J17          | RIC #17 J101              | 19D903880P211 |               |       |              |       |               |
| CHANNEL 18        | J18          | RIC #18 J101              | 19D903880P211 |               |       |              |       |               |
| CHANNEL 19        | J19          | RIC #19 J101              | 19D903880P211 |               |       |              |       |               |
| CHANNEL 20        | J20          | RIC #20 J101              | 19D903880P211 |               |       |              |       |               |

11-20 CHANNEL GETC CONFIGURATION  
Cable Connections, Module Location & Identification

RIC CHANNEL 01 J01

RIC CHANNEL 02 J02

RIC CHANNEL 03 J03

RIC CHANNEL 04 J04

RIC CHANNEL 05 J05

RIC CHANNEL 06 J06

RIC CHANNEL 07 J07

RIC CHANNEL 08 J08

RIC CHANNEL 09 J09

RIC CHANNEL 10 J10

RIC CHANNEL 11 J11

RIC CHANNEL 12 J12

RIC CHANNEL 13 J13

RIC CHANNEL 14 J14

RIC CHANNEL 15 J15

RIC CHANNEL 16 J16

RIC CHANNEL 17 J17

RIC CHANNEL 18 J18

RIC CHANNEL 19 J19

RIC CHANNEL 20 J20

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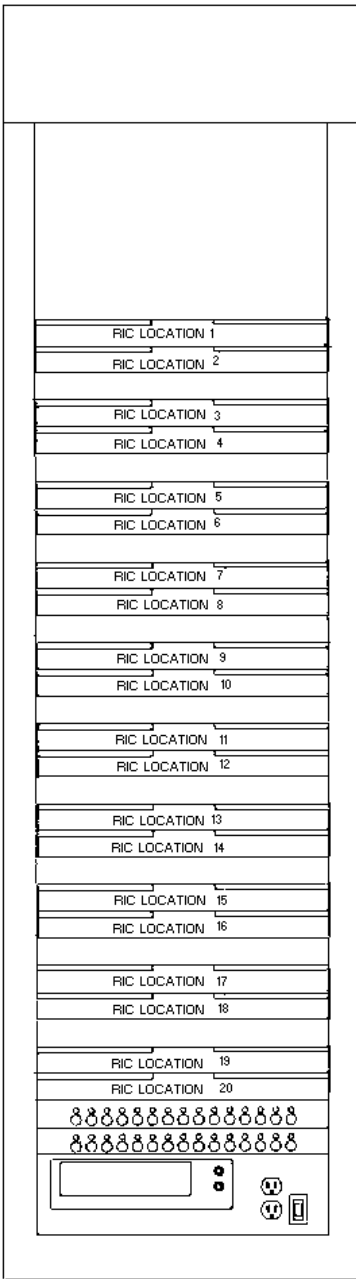
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19D903998P1

19D903999P1

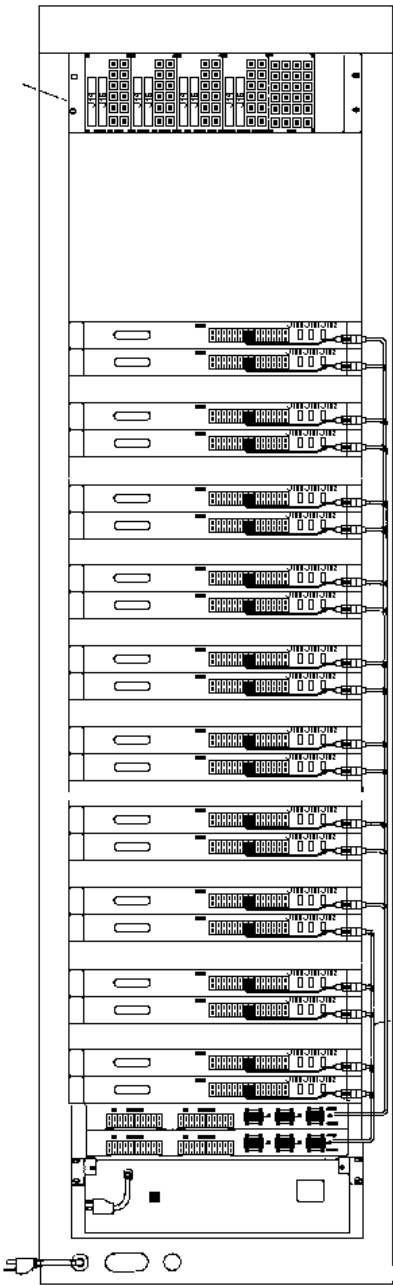
EXTERNAL CONNECTION T0 RIC CABINET

|          |                 |                           |     |               |
|----------|-----------------|---------------------------|-----|---------------|
| RACK RIC | RIC AUDIO 1-12  | SITE CNTL RIC AUDIO 1-12  | J14 | 19D903880P122 |
| RACK RIC | RIC AUDIO 13-20 | SITE CNTL RIC AUDIO 13-20 | J14 | 19D903880P122 |
| RACK RIC | RIC SERIAL 'B'  | SITE CNTL SERIAL MODULE   | J14 | 19D903880P162 |



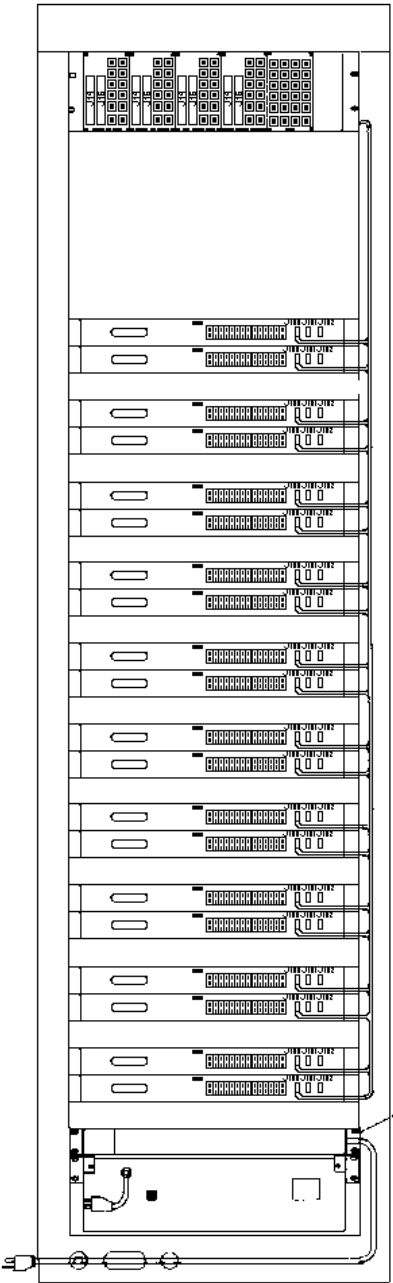
(25) RIC CABINET  
FRONT VIEW

CONNECTOR PANEL  
19D904009



RIC CABINET  
REAR VIEW  
(POWER WIRING)

SEE 344A4264 FOR  
MODULE IDENTIFICATION  
AND CONNECTION LIST

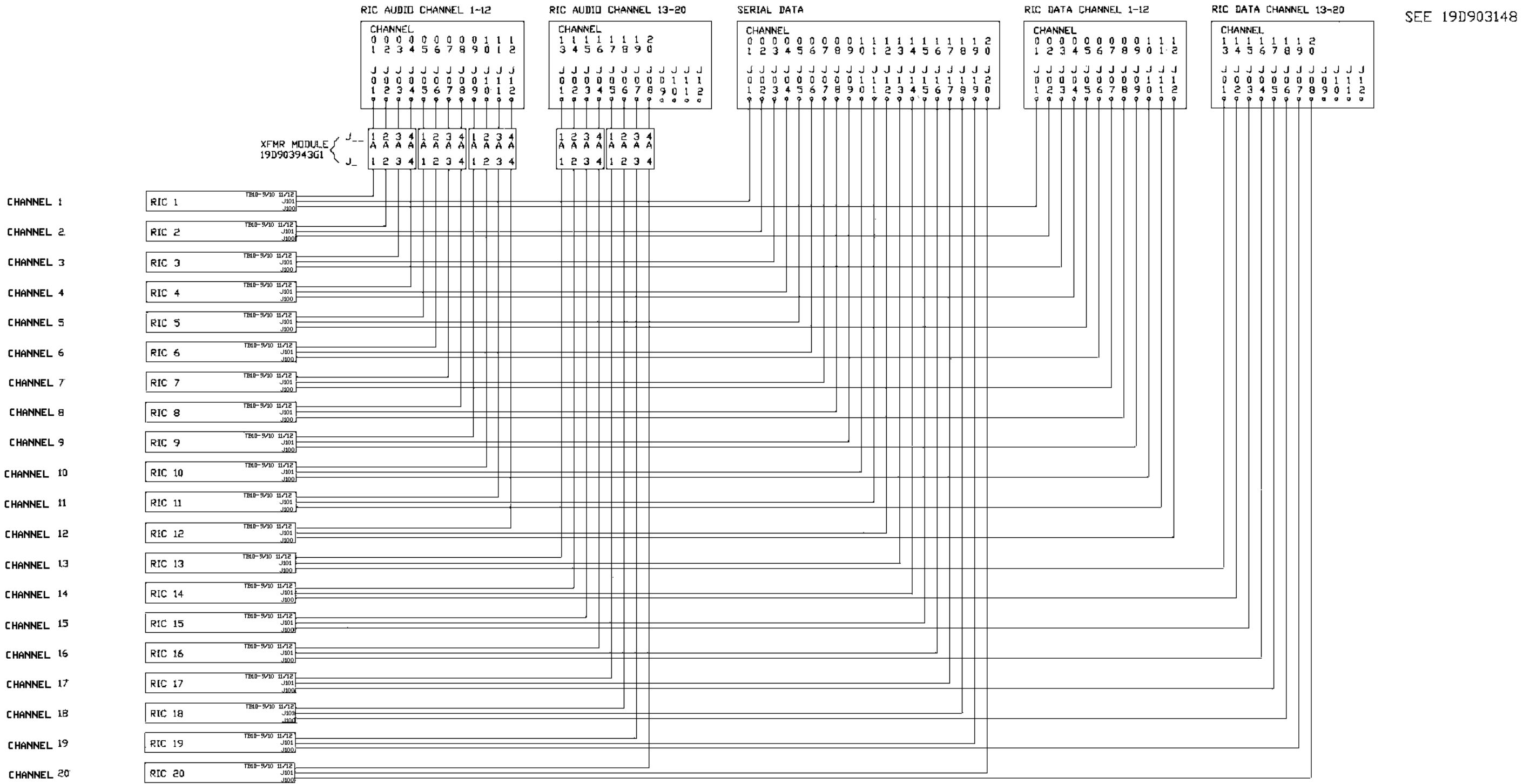


RIC CABINET  
REAR VIEW  
(SIGNAL WIRING)

AC POWER STRIP

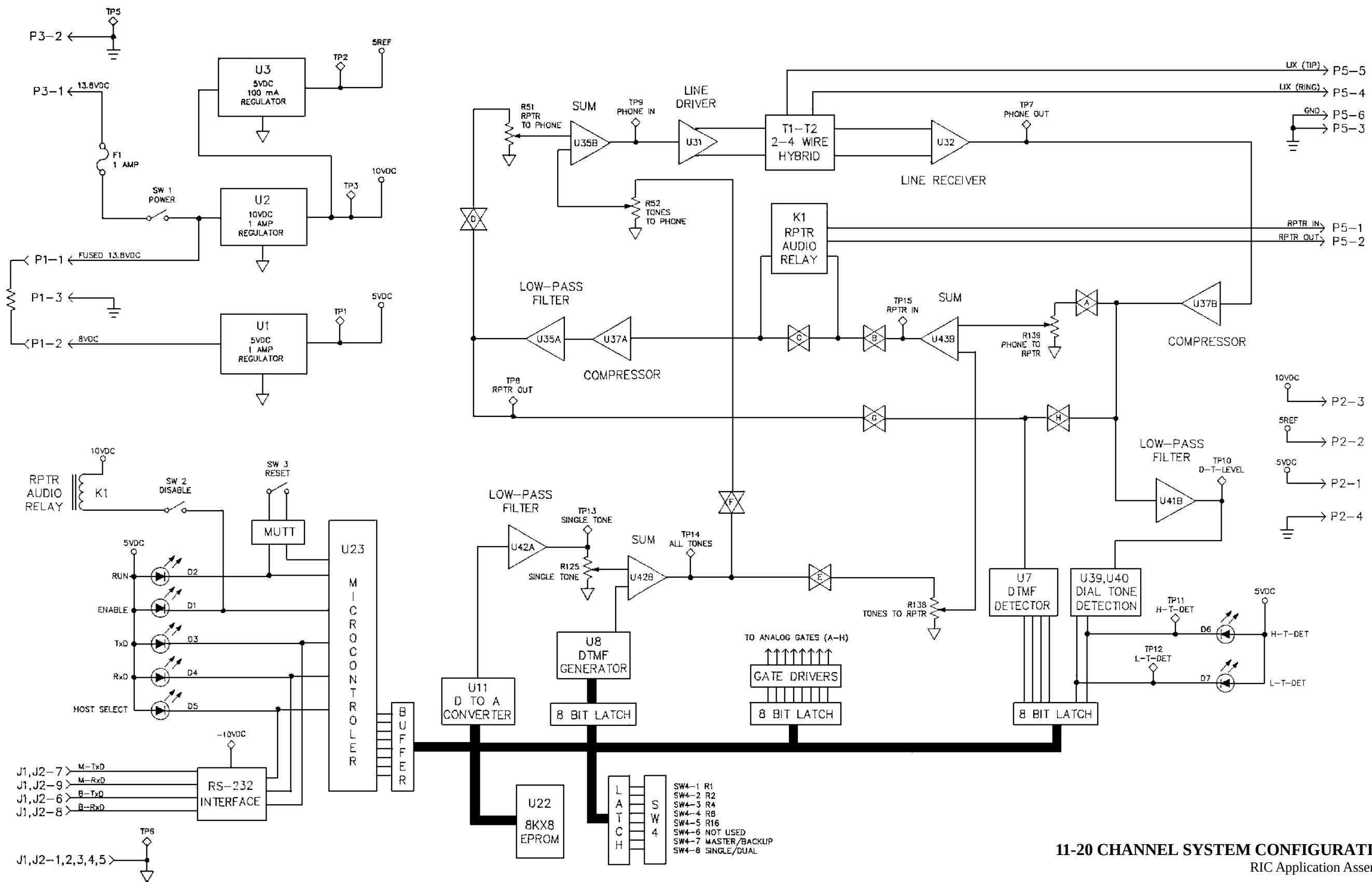
11-20 CHANNEL SYSTEM CONFIGURATION  
Equipment Rackup  
19D904160P25

(19D904160, Sh. 13, Rev. 1)



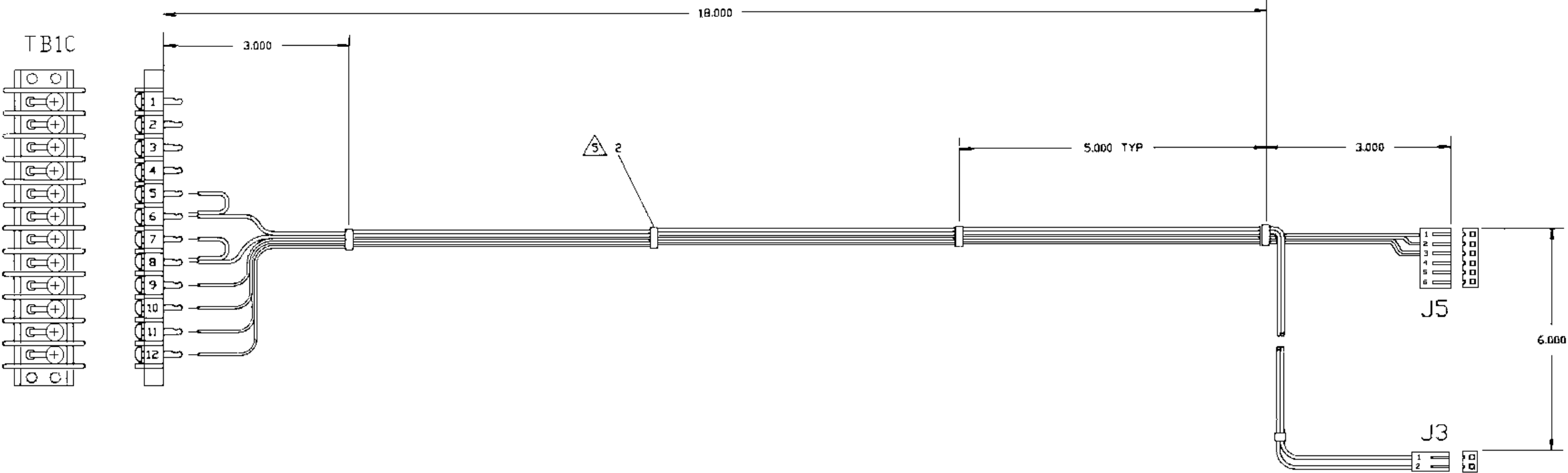
11-20 CHANNEL SYSTEM CONFIGURATION  
RIC Intra Cabinet Wiring Diagram

(19D904230, Sh. 5, Rev. 1)



11-20 CHANNEL SYSTEM CONFIGURATION  
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            |              |
| TB10-7           | SOLDER      | TB10-8 | SOLDER         | #18 RED              | A+           |
| TB10-8           | SOLDER      | P3-1   | ITEM 1         | #18 RED              |              |
| TB10-9           | SOLDER      | P5-1   | ITEM 1         | #24 WHITE            | RIC OUT      |
| TB10-10          | SOLDER      | P5-3   | ITEM 1         | #24 BLACK            | GROUND       |
| TB10-12          | SOLDER      | P5-2   | ITEM 1         | #24 GREEN            | RIC IN       |
| TB 10-11         | SOLDER      | P5-2   | ITEM 1         | #24 RED              |              |

| 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           | 19C301086P8     |                                      | TERMINAL BOARD  | 1   |
| 1             | 19A116781P4     | MOLEX 08-50-0107 OR MOLEX 08-50-0174 | CONTACT         | 5   |
| 2             | 19J706152P5     | PANDUIT SST-1M                       | RETAINING STRAP | 5   |

11-20 CHANNEL SYSTEM CONFIGURATION

RIC Cable (Internal To The RIC) 19D903148P1

(19D903148, Rev. 1)

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