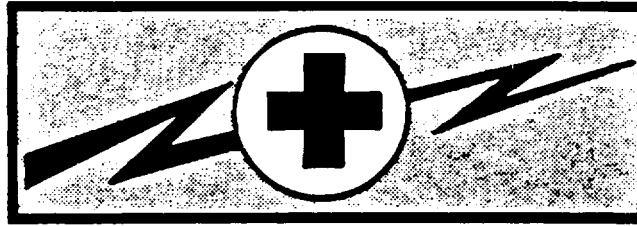


TECHNICAL MANUAL
MAINTENANCE INSTRUCTIONS
ORGANIZATIONAL/DIRECT SUPPORT/GENERAL SUPPORT LEVELS
COMMUNICATION CONTROL CONSOLE
OJ-512/FRC-176(V)
(NSN 5895-01-123-0084)

CONTROL INTERFACE GROUP
OK-449(V)/FRC-176(V)

VOLUME II

WARNING



WARNING

HIGH VOLTAGE

is used in the operation of this equipment

DEATH ON CONTACT

may result if personnel fail to observe safety precautions

Never work on electronic equipment unless there is another person nearby who is familiar with the operation and hazards of the equipment and who is competent in administering first aid. When the technician is aided by operators, he must warn them about dangerous areas.

Whenever possible, the power supply to the equipment must be shut off before beginning work on the equipment. Take particular care to ground every capacitor likely to hold a dangerous potential. When working inside the equipment, after the power has been turned off, always ground every part before touching it.

Be careful not to contact high-voltage connections of 115 volt ac input connections when installing or operating this equipment.

Whenever the nature of the operation permits, keep one hand away from the equipment to reduce the hazard of current flowing through vital organs of the body.

WARNING Do not be misled by the term "low voltage". Potentials as low as 50 volts may cause death under adverse conditions.

For Artificial Respiration, refer to FM 21-11.



5

SAFETY STEPS TO FOLLOW IF SOMEONE IS THE VICTIM OF ELECTRICAL SHOCK

1

DO NOT TRY TO PULL OR GRAB THE INDIVIDUAL

2

IF POSSIBLE, TURN OFF THE ELECTRICAL POWER

3

IF YOU CANNOT TURN OFF THE ELECTRICAL POWER, PULL, PUSH, OR LIFT THE PERSON TO SAFETY USING A DRY WOODEN POLE OR A DRY ROPE OR SOME OTHER INSULATING MATERIAL

4

SEND FOR HELP AS SOON AS POSSIBLE

5

AFTER THE INJURED PERSON IS FREE OF CONTACT WITH THE SOURCE OF ELECTRICAL SHOCK, MOVE THE PERSON A SHORT DISTANCE AWAY AND IMMEDIATELY START ARTIFICIAL RESUSCITATION

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b

VOLUME 2

DEPARTMENTS OF THE
ARMY AND AIR FORCE
Washington, D.C.
11 February 1983

Organizational/Direct Support/General Support Levels
COMMUNICATION CONTROL CONSOLE
OJ-512/FRC-176(V) (NSN 5895-01-123-0084)
CONTROL INTERFACE GROUP
OK-449(V)/FRC-176(V)

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to Commander, US Army Communications - Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, NJ 07703.

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, T.O. 00-5-1. Forward direct to the prime ALC/MST.

In either case, a reply will be sent directly to you.

Volume 2

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CHAPTER 6
SCHEMATIC DIAGRAMS

6-1. GENERAL

To understand Theory of Operation and perform Organizational, Direct Support, and General Support Maintenance on the Communication Control Console and Control Interface Group, schematic diagrams are provided in this chapter. Table 6-1 lists and locates all of the schematic diagrams required to support the Communications Control Console and Control Interface Group.

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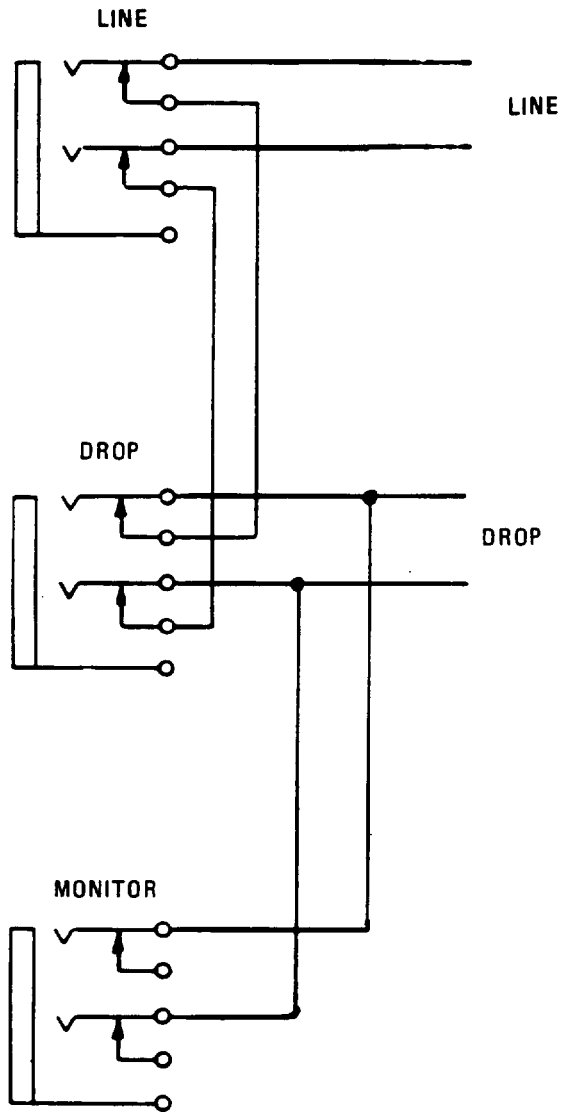


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Table 7-44. Control Interface Group OK-449(V)/FRC-176(V)RF Equipment Bay Cables (Bann Site Only)

| “W” Number | From | To | Part Number |
|-----------------------|-------------|-----------|--------------------|
| W1 | 1A1J71 | 1A10 | 7052-2051 |
| W2 | 1A2J1 | 1A10 | 7052-2052 |
| W3 | 1A2J2 | 1A10 | 7052-2053 |
| W4 | 1A3J1 | 1A10 | 7052-2054 |
| W5 | 1A3J2 | 1A10 | 7052-2055 |
| W6 | 1A3P1 | 1A10 | 7052-2056 |
| W7 | 1A3P2 | 1A10 | 7052-2057 |
| W8 | 1A4J1 | 1A10 | 7052-2058 |
| W9 | 1A4J2 | 1A10 | 7052-2059 |
| W10 | 1A4P1 | 1A10 | 7052-2060 |
| W11 | 1A4P2 | 1A10 | 7052-2061 |
| W12 | 1A5J1 | 1A10 | 7052-2062 |
| W13 | 1A5J2 | 1A10 | 7052-2063 |
| W14 | 1A5P1 | 1A10 | 7052-2064 |
| W15 | 1A5P2 | 1A10 | 7052-2065 |

Table 7-45. RF Equipment Bay Cable W1, 7052-5201 (All Sites)

| From | To | Function | | Notes |
|----------------|----------------|----------|--------|------------------------|
| 1A1J1-1 -26 | 1A7J2-1 -26 | R1 T1 | LINE-1 | BLU/WHT WHT/BLU |
| -2 -27 | -2 -27 | R T | | ORN/WHT WHT/ORN |
| -3 -28 | -3 -28 | R1 T1 | L-2 | GRN/WHT WHT/GRN |
| -4 -29 | -4 -29 | R T | | BRN/WHT WHT/BRN |
| -5 -30 | -5 -30 | R T1 | L-3 | SLATE/WHT WHT/SLATE |
| -6 -31 | -6 -31 | R T | | BLU/RED RED/BLU |
| -7 -32 | -7 -32 | R1 T1 | L-4 | ORN/RED RED/ORN |
| -8 -33 | -8 -33 | R T | | GRN/RED RED/GRN |
| -9 -34 | -9 -34 | R1 T1 | L-5 | BRN/RED RED/BRN |
| -10 -35 | -10 -35 | R T | | SLATE/RED RED/SLATE |
| -11 -36 | -11 -36 | R1 T1 | L-6 | BLU/BLK BLK/BLU |
| -12 -37 | -12 -37 | R T | | ORN/BLK BLK/ORN |
| -13 -38 | -13 -38 | R1 T1 | L-7 | GRN/BLK BLK/GRN |
| -14 -39 | -14 -39 | R T | | BRN/BLK BLK/BRN |
| -15 -40 | -15 -40 | R1 T1 | L-8 | SLATE/BLK BLK/SLATE |
| -16 -41 | -16 -41 | R T | | BLU/YEL YEL/BLU |

Table 7-45. RF Equipment Bay Cable W1, 7052-5201 (All Sites) (Cont.)

| From | To | Function | Notes |
|-----------------|-----------------|----------|----------------------------|
| 1A1J1-17 -42 | 1A7J2-17 -42 | R1 T1 | L-9 ORN/YEL YEL/ORN |
| -18 -43 | -18 -43 | R T | GRN/YEL YEL/GRN |
| -19 -44 | -19 -44 | R1 T1 | L-10 BRN/YEL YEL/BRN |
| -20 -45 | -20 -45 | R T | SLATE/YEL YEL/SLATE |
| -21 -46 | -21 -46 | R1 T1 | L-11 BLU/VIO VIO/BLU |
| -22 -47 | -22 -47 | R T | ORN/VIO VIO/ORN |
| -23 -48 | -23 -48 | R1 T1 | L-12 GRN/VIO VIO/GRN |
| -24 -49 | -24 -49 | R T | BRN/VIO VIO/BRN |
| -25 -50 | | | SLATE/VIO VIO/SLATE |

Table 7-46. RF Equipment Bay Cable W2, 7052-5202 (All Sites Except Bann)

| From | To | Function | Notes |
|--------|------------|------------|-----------|
| A1J2-1 | * | | BLU/WHT |
| -26 | * | | WHT/BLU |
| -2 | * | | ORN/WHT |
| -27 | * | | WHT/ORN |
| -3 | * | | GRN/WHT |
| -28 | * | | WHT/GRN |
| -4 | * | | BRN/WHT |
| -29 | * | | WHT/BRN |
| -5 | * | | SLATE/WHT |
| -30 | * | | WHT/SLATE |
| -6 | * | | BLU/RED |
| -31 | * | | RED/BLU |
| -7 | * | | ORN/RED |
| -32 | * | | RED/ORN |
| -8 | * | | GRN/RED |
| -33 | * | | RED/GRN |
| -9 | * | | BRN/RED |
| -34 | * | | RED/BRN |
| -10 | * | | SLATE/RED |
| -35 | * | | RED/SLATE |
| -11 | * | | BLU/BLK |
| -36 | * | | BLK/BLU |
| -12 | * | | ORN/BLK |
| -37 | * | | BLK/ORN |
| -13 | * | | GRN/BLK |
| -38 | * | | BLK/GRN |
| -14 | 1TB2-AW-14 | M | LINE-1 |
| -39 | BW-14 | E | |
| -15 | AW-15 | M | LINE-2 |
| -40 | BW-15 | E | |
| -16 | | | BLU/YEL |
| -41 | | * TIE BACK | YEL/BLU |

Table 7-46. RF Equipment Bay Cable W2, 7052-5202 (All Sites Except Bann) (Cont.)

| From | To | Function | | Notes |
|-----------------|---------------------|----------|---------|------------------------|
| 1A1J2-17 -42 | 1TB2-AW-17 BW-17 | M E | LINE-4 | ORN/YEL YEL/ORN |
| -18 -43 | AW-18 BW-18 | M E | LINE-5 | GRN/YEL YEL/GRN |
| -19 -44 | AW-19 BW-19 | M E | LINE-6 | BRN/YEL YEL/BRN |
| -20 -45 | AW-20 BW-20 | M E | LINE-7 | SLATE/YEL YEL/SLATE |
| -21 -46 | AW-21 BW-21 | M E | LINE-8 | BLU/VIO VIO/BLU |
| -22 -47 | AW-22 BW-22 | M E | LINE-9 | ORN/VIO VIO/ORN |
| -23 -48 | AW-23 BW-23 | M E | LINE-10 | GRN/VIO VIO/GRN |
| -24 -49 | AW-24 BW-24 | M E | LINE-11 | BRN/VIO VIO/BRN |
| -25 -50 | AW-25 BW-25 | M E | LINE-12 | SLATE/VIO VIO/SLATE |

Table 7-47. Bann Site - RF Equipment Bay Cable W2, 7052-5251

| From | To | Function | Notes |
|---------------|---------------|----------|----------------------------------|
| A6P1-1 -26 | A1P2-1 -26 | | BLU/WHT WHT/BLU |
| -2 -27 | -2 -27 | | ORN/WHT WHT/ORN |
| -3 -28 | -3 -28 | | GRN/WHT WHT/GRN |
| -4 -29 | -4 -29 | | BRN/WHT WHT/BRN |
| -5 -30 | -5 -30 | | SLATE/WHT WHT/SLATE |
| -6 -31 | -6 -31 | | BLU/RED RED/BLU |
| -7 -32 | -7 -32 | | ORN/RED RED/ORN |
| -8 -33 | -8 -33 | | GRN/RED RED/GRN |
| -9 -34 | -9 -34 | | BRN/RED RED/BRN |
| -10 -35 | -10 -35 | | SLATE/RED RED/SLATE |
| -11 -36 | -11 -36 | | BLU/BLK BLK/BLU |
| -12 -37 | -12 -37 | | ORN/BLK BLK/ORN |
| -13 -38 | -13 -38 | | GRN/BLK BLK/GRN |
| -14 -39 | -14 -39 | M E | LINE-1 BRN/BLK BLK/BRN |
| -15 -40 | -15 -40 | M E | LINE-2 SLATE/BLK BLK/SLATE |
| -16 -41 | -16 -41 | M E | LINE-3 BLU/YEL YEL/BLU |

Table 7-47. Bann Site - RF Equipment Bay Cable W2, 7052-5251 (Cont.)

| From | To | Function | | Notes |
|----------------|----------------|----------|---------|------------------------|
| A6P1-17 -42 | A1P2-17 -42 | M E | LINE-4 | ORN/YEL YEL/ORN |
| -18 -43 | -18 -43 | M E | LINE-5 | GRN/YEL YEL/GRN |
| -19 -44 | -19 -44 | M E | LINE-6 | BRN/YEL YEL/BRN |
| -20 -45 | -20 -45 | M E | LINE-7 | SLATE/YEL YEL/SLATE |
| -21 -46 | -21 -46 | M E | LINE-8 | BLU/VIO VIO/BLU |
| -22 -47 | -22 -47 | M E | LINE-9 | ORN/VIO VIO/ORN |
| -23 -48 | -23 -48 | M E | LINE-10 | GRN/VIO VIO/GRN |
| -24 -49 | -24 -49 | M E | LINE-11 | BRN/VIO VIO/BRN |
| -25 -50 | -25 -50 | M E | LINE-12 | SLATE/VIO VIO/SLATE |

Table 7-48. RF Equipment Bay Cable W3, 7052-5203 (All Sites)

| From | To | Function | | Notes |
|---------------|----------------|------------|-----|------------------------|
| 1A5J1-5 -6 | 1A3J7-9 -11 | R T | L1 | BLU/WHT WHT/BLU |
| J2-5 -6 | -27 -29 | R T | L2 | ORN/WHT WHT/ORN |
| J3-5 -6 | -51 -53 | R T | L3 | GRN/WHT WHT/GRN |
| J4-5 -6 | J8-9 -11 | R T | L4 | BRN/WHT WHT/BRN |
| J5-5 -6 | -27 -29 | R T | L5 | SLATE/WHT WHT/SLATE |
| J6-5 -6 | -51 -53 | R T | L6 | BLU/RED RED/BLU |
| J7-5 -6 | J9-9 -11 | R T | L7 | ORN/RED RED/ORN |
| J8-5 -6 | -27 -29 | R T | L8 | GRN/RED RED/GRN |
| J9-5 -6 | -51 -53 | R T | L9 | BRN/RED RED/BRN |
| J10-5 -6 | J10-9 -11 | R T | L10 | SLATE/RED RED/SLATE |
| J11-5 -6 | -27 -29 | R T | L11 | BLU/BLK BLK/BLU |
| J12-5 -6 | -51 -53 | R T | L12 | ORN/BLK BLK/ORN |
| J1-7 -4 | J1-21 -23 | SXR SXT | L1 | GRN/BLK BLK/GRN |
| J2-7 -4 | -53 -47 | SXR SXT | L2 | DRN/BLK BLK/BRN |
| J3-7 -4 | J1-21 -23 | SXR SXT | L3 | SLATE/BLK BLK/SLATE |
| J1-5 -6 | J7-9 -11 | R T | L1 | BLU/YEL YEL/BLU |

Table 7-48. RF Equipment Bay Cable W3, 7052-5203 (All Sites) (Cont.)

| From | To | Function | | Notes |
|---------------|-----------------|------------|-----|------------------------|
| 1A5J2-5 -6 | 1A3J7-27 -29 | R T | L2 | ORN/WHT WHT/ORN |
| J3-5 -6 | -51 -53 | R T | L3 | GRN/WHT WHT/GRN |
| J4-5 -6 | J8-9 -11 | R T | L4 | BRN/WHT WHT/BRN |
| J5-5 -6 | -27 -29 | R T | L5 | SLATE/WHT WHT/SLATE |
| J6-5 -6 | -51 -53 | R T | L6 | BLU/RED RED/BLU |
| J7-5 -6 | J9-9 -11 | R T | L7 | ORN/RED RED/ORN |
| J8-5 -6 | -27 -29 | R T | L8 | GRN/RED RED/GRN |
| J9-5 -6 | -51 -53 | R T | L9 | BRN/RED RED/BRN |
| J10-5 -6 | J10-9 -11 | R T | L10 | SLATE/RED RED/SLATE |
| J11-5 -6 | -27 -29 | R T | L11 | BLU/BLK BLK/BLU |
| J12-5 -6 | -51 -53 | R T | L12 | ORN/BLK BLK/ORN |
| J1-7 -4 | J1-21 -23 | SXR SXT | L1 | GRN/BLK BLK/GRN |
| J2-7 -4 | -53 -47 | SXR SXT | L2 | BRN/BLK BLK/BRN |
| J3-7 -4 | J1-21 -23 | SXR SXT | L3 | SLATE/BLK BLK/SLATE |

Table 7-48. RF Equipment Bay Cable W3, 7052-5203 (All Sites) (Cont.)

| From | To | Function | | Notes |
|---------------|-----------------|------------|------|------------------------|
| 1A5J4-7 -4 | 1A3J2-53 -47 | SXR SXT | L-4 | BLU/YEL YEL/BLU |
| J5-7 -4 | J3-21 -23 | SXR SXT | L-5 | ORN/YEL YEL/ORN |
| J6-7 -4 | -53 -47 | SXR SXT | L-6 | GRN/YEL YEL/GRN |
| J7-7 -4 | J4-21 -23 | SXR SXT | L-7 | BRN/YEL YEL/BRN |
| J8-7 -4 | -53 -47 | SXR SXT | L-8 | SLATE/YEL YEL/SLATE |
| J9-7 -4 | J5-21 -23 | SXR SXT | L-9 | BLU/VIO VIO/BLU |
| J10-7 -4 | -53 -47 | SXR SXT | L-10 | ORN/VIO VIO/ORN |
| J11-7 -4 | J6-21 -23 | SXR SXT | L-11 | GRN/VIO VIO/GRN |
| J12-7 -4 | -53 -47 | SXR SXT | L-12 | BRN/VIO VIO/BRN |

Table 7-49. RF Equipment Bay Cable W4, 7052-5204 (All Sites)

| From | To | Function | | Notes |
|------------|----------|----------|-----|-----------|
| 1TB1-AW-20 | 1A3-J7-8 | R1 | L-1 | BLU/WHT |
| -21 | -7 | T1 | | WHT/BLU |
| -22 | -10 | R | | ORN/WHT |
| -23 | -13 | T | | WHT/ORN |
| BW-20 | -26 | R1 | L-2 | GRN/WHT |
| -21 | -25 | T1 | | WHT/GRN |
| -22 | -28 | R | | BRN/WHT |
| -23 | -31 | T | | WHT/BRN |
| CW-20 | -46 | R1 | L-3 | SLATE/WHT |
| -21 | -49 | T1 | | WHT/SLATE |
| -22 | -48 | R | | BLU/RED |
| -23 | -50 | T | | RED/BLU |
| DW-20 | J8-8 | R1 | L-4 | ORN/RED |
| -21 | -7 | T1 | | RED/ORN |
| -22 | -10 | R | | GRN/RED |
| -23 | -13 | T | | RED/GRN |
| EW-20 | -26 | R1 | L-5 | BRN/RED |
| -21 | -25 | T1 | | RED/BRN |
| -22 | -28 | R | | SLATE/RED |
| -23 | -31 | T | | RED/SLATE |
| FW-20 | -46 | R1 | L-6 | BLU/BLK |
| -21 | -49 | T1 | | BLK/BLU |
| -22 | -48 | R | | ORN/BLK |
| -23 | -50 | T | | BLK/ORN |
| HW-20 | J9-8 | R1 | L-7 | GRN/BLK |
| -21 | -7 | T1 | | BLK/GRN |
| -22 | -10 | R | | BRN/BLK |
| -23 | -13 | T | | BLK/BRN |
| JW-20 | -26 | R1 | L-8 | SLATE/BLK |
| -21 | -25 | T1 | | BLK/SLATE |
| -22 | -28 | R | | BLU/YEL |
| -23 | -31 | T | | YEL/BLU |

Table 7-49. RF Equipment Bay Cable W4, 7052-5204 (All Sites) (Cont.)

| From | To | Function | | Notes |
|------------|-----------|-----------|------|-----------|
| 1TB1-KW-20 | 1A3-J9-46 | R1 | L-9 | ORN/YEL |
| -21 | -49 | T1 | | YEL/ORN |
| -22 | -48 | R | | GRN/YEL |
| -23 | -50 | T | | YEL/GRN |
| LW-20 | J10-8 | R1 | L-10 | BRN/YEL |
| -21 | -7 | T1 | | YEL/BRN |
| -22 | -10 | R | | SLATE/YEL |
| -23 | -13 | T | | YEL/SLATE |
| MW-20 | -26 | R1 | L-11 | BLU/VIO |
| -21 | -25 | T1 | | VIO/BLU |
| -22 | -28 | R | | ORN/VIO |
| -23 | -31 | T | | VIO/ORN |
| NW-20 | -46 | R1 | L-12 | GRN/VIO |
| -21 | -49 | T1 | | VIO/GRN |
| -22 | -48 | R | | BRN/VIO |
| -23 | -50 | T | | VIO/BRN |
| | | | | SLATE/VIO |
| | | | | VIO/SLATE |
| | | *TIE BACK | | |

Table 7-50. RF Equipment Bay Cable W5, 7052-5205 (All Sites Except Bann)

| From | To | Function | Notes |
|----------------|--------------------|----------|------------------------------|
| 1A6J1-1 -26 | 1TB2-AW-1 -BW-1 | | BLU/WHT WHT/BLU |
| -2 -27 | -AW-2 -BW-2 | | ORN/WHT WHT/ORN |
| -3 -28 | -AW-3 -BW-3 | | GRN/WHT WHT/GRN |
| -4 -29 | -AW-4 -BW-4 | | BRN/WHT WHT/BRN |
| -5 -30 | -AW-5 -BW-5 | | SLATE/WHT WHT/SLATE |
| -6 -31 | -AW-6 -BW-6 | | BLU/RED RED/BLU |
| -7 -32 | -AW-7 -BW-7 | | ORN/RED RED/ORN |
| -8 -33 | -AW-8 -BW-8 | | GRN/RED RED/GRN |
| -9 -34 | -AW-9 -BW-9 | | BRN/RED RED/BRN |
| -10 -35 | -AW-10 -BW-10 | | SLATE/RED RED/SLATE |
| -11 -36 | -AW-11 -BW-11 | | BLU/BLK BLK/BLU |
| -12 -37 | -AW-12 -BW-12 | | ORN/BLK BLK/ORN |
| -13 -38 | -AW-13 -BW-13 | | GRN/BLK BLK/GRN |
| -14 -39 | -AW-14 -BW-14 | M E | LINE 1 BRN/BLK BLK/BRN |
| -15 -40 | -AW-15 -BW-15 | | SLATE/BLK BLK/SLATE |
| -16 -41 | -AW-16 -BW-16 | | BLU/YEL YEL/BLU |

Table 7-50. RF Equipment Bay Cable W5, 7052-5205 (All Sites Except Bann) (Cont.)

| From | To | Function | Notes |
|-----------------|----------------------|----------|------------------------|
| 1A6J1-17 -42 | 1TB2-AW-17 -BW-17 | | ORN/YEL YEL/ORN |
| -18 -43 | -AW-18 -BW-18 | | GRN/YEL YEL/GRN |
| -19 -44 | -AW-19 -BW-19 | | BRN/YEL YEL/BRN |
| -20 -45 | -AW-20 -BW-20 | | SLATE/YEL YEL/SLATE |
| -21 -46 | -AW-21 -BW-21 | | BLU/VIO VIO/BLU |
| -22 -47 | -AW-22 -BW-22 | | ORN/VIO VIO/ORN |
| -23 -48 | -AW-23 -BW-23 | | GRN/VIO VIO/GRN |
| -24 -49 | -AW-24 -BW-24 | | BRN/VIO VIO/BRN |
| -25 -50 | -AW-25 -BW-25 | | SLATE/VIO VIO/SLATE |

Table 7-51. Bann Site - RF Equipment Bay Cable W5, 7052-5252

| From | To | Function | Notes |
|---------------|----------------|--|--|
| A7P1-1 -26 | A10J4-1 -26 | REC LEFT CHANNEL 'A' REC LEFT CHANNEL 'A' | BLU/WHT WHT/BLU |
| -2 -27 | -2 -27 | REC RIGHT CHANNEL 'A' REC RIGHT CHANNEL 'A' | ORN/WHT WHT/ORN |
| -3 -28 | -3 -28 | PLAY LEFT CHANNEL 'A' PLAY LEFT CHANNEL 'A' | GRN/WHT WHT/GRN |
| -4 -29 | -4 -29 | PLAY RIGHT CHANNEL 'A' PLAY RIGHT CHANNEL 'A' | BRN/WHT WHT/BRN |
| -5 -30 | -5 -30 | REC LEFT CHANNEL 'B' REC LEFT CHANNEL 'B' | CONSOLE 1 SLATE/WHT WHT/SLATE |
| -6 -31 | -6 -31 | REC RIGHT CHANNEL 'B' REC RIGHT CHANNEL 'B' | BLU/RED RED/BLU |
| -7 -32 | -7 -32 | PLAY LEFT CHANNEL 'B' PLAY LEFT CHANNEL 'B' | ORN/RED RED/ORN |
| -8 -33 | -8 -33 | PLAY RIGHT CHANNEL 'B' PLAY RIGHT CHANNEL 'B' | GRN/RED RED/GRN |
| -9 -34 | -1 -26 | REC LEFT CHANNEL 'A' REC LEFT CHANNEL 'A' | BRN/RED RED/BRN |
| -10 -35 | -2 -27 | REC RIGHT CHANNEL 'A' REC RIGHT CHANNEL 'A' | SLATE/RED RED/SLATE |
| -11 -36 | -3 -28 | PLAY LEFT CHANNEL 'A' PLAY LEFT CHANNEL 'A' | BLU/BLK BLK/BLU |
| -12 -37 | -4 -29 | PLAY RIGHT CHANNEL 'A' PLAY RIGHT CHANNEL 'A' | CONSOLE 2 ORN/BLK BLK/ORN |
| -13 -38 | -5 -30 | REC LEFT CHANNEL 'B' REC LEFT CHANNEL 'B' | GRN/BLK BLK/GRN |
| -14 -39 | -6 -31 | REC RIGHT CHANNEL 'B' REC RIGHT CHANNEL 'B' | BRN/BLK BLK/BRN |
| -15 -40 | -7 -32 | PLAY LEFT CHANNEL 'B' PLAY LEFT CHANNEL 'B' | SLATE/BLK BLK/SLATE |
| -16 -41 | -8 -33 | PLAY RIGHT CHANNEL 'B' PLAY RIGHT CHANNEL 'B' | BLU/YEL YEL/BLU |

Table 7-51. Bann Site - RF Equipment Bay Cable W5, 7052-5252 (Cont'.)

| From | To | Function | Notes |
|----------------|----------------|--|--|
| A7P1-17 -42 | A10J4-1 -26 | REC LEFT CHANNEL 'A' REC LEFT CHANNEL 'A' | ORN/YEL YEL/ORN |
| -18 -43 | -2 -27 | REC RIGHT CHANNEL 'A' REC RIGHT CHANNEL 'A' | GRN/YEL YEL/GRN |
| -19 -44 | -3 -28 | PLAY LEFT CHANNEL 'A' PLAY LEFT CHANNEL 'A' | BRN/YEL YEL/BRN |
| -20 -45 | -4 -29 | PLAY RIGHT CHANNEL 'A' PLAY RIGHT CHANNEL 'A' | CONSOLE 3 SLATE/YEL YEL/SLATE |
| -21 -46 | -5 -30 | REC LEFT CHANNEL 'B' REC LEFT CHANNEL 'B' | BLU/VIO VIO/BLU |
| -22 -47 | -6 -31 | REC RIGHT CHANNEL 'B' REC RIGHT CHANNEL 'B' | ORN/VIO VIO/ORN |
| -23 -48 | -7 -32 | PLAY LEFT CHANNEL 'B' PLAY LEFT CHANNEL 'B' | GRN/VIO VIO/GRN |
| -24 -49 | -8 -33 | PLAY RIGHT CHANNEL 'B' PLAY RIGHT CHANNEL 'B' | CONSOLE 3 BRN/VIO VIO/BRN |
| -25 -50 | NC NC | ----- ----- | SLATE/VIO VIO/SLATE |

Table 7-52. RF Equipment Bay Cable W6, 7052-5206 (All Sites Except Bann)

| From | To | Function | | Notes |
|----------------|--------------------|----------|--------|------------------------|
| 1A6J1-1 -26 | 1TB2-CW-1 -DW-1 | | | BLU/WHT WHT/BLU |
| -2 -27 | -CW-2 -DW-2 | | | ORN/WHT WHT/ORN |
| -3 -28 | -CW-3 -DW-3 | | | GRN/WHT WHT/GRN |
| -4 -29 | -CW-4 -DW-4 | | | BRN/WHT WHT/BRN |
| -5 -30 | -CW-5 -DW-5 | | | SLATE/WHT WHT/SLATE |
| -6 -31 | -CW-6 -DW-6 | | | BLU/RED RED/BLU |
| -7 -32 | -CW-7 -DW-7 | | | ORN/RED RED/ORN |
| -8 -33 | -CW-8 -DW-8 | | | GRN/RED RED/GRN |
| -9 -34 | -CW-9 -DW-9 | | | BRN/RED RED/BRN |
| -10 -35 | -CW-10 -DW-10 | | | SLATE/RED RED/SLATE |
| -11 -36 | -CW-11 -DW-11 | | | BLU/BLK BLK/BLU |
| -12 -37 | -CW-12 -DW-12 | | | ORN/BLK BLK/ORN |
| -13 -38 | -CW-13 -DW-13 | | | GRN/BLK BLK/GRN |
| -14 -39 | -CW-14 -DW-14 | M E | LINE 1 | BRN/BLK BLK/BRN |
| -15 -40 | -CW-15 -DW-15 | | | SLATE/BLK BLK/SLATE |
| -16 -41 | -CW-16 -DW-16 | | | BLU/YEL YEL/BLU |

Table 7-52. RF Equipment Bay Cable W6, 7052,5206 (All Sites Except Bann)(Cont.)

| From | To | Function | Notes |
|-----------------|----------------------|----------|------------------------|
| 1A6J2-17 -42 | 1TB2-CW-17 -DW-17 | | ORN/YEL YEL/ORN |
| -18 -43 | -CW-18 -DW-18 | | GRN/YEL YEL/GRN |
| -19 -44 | -CW-19 -DW-19 | | BRN/YEL YEL/BRN |
| -20 -45 | -CW-20 -DW-20 | | SLATE/YEL YEL/SLATE |
| -21 -46 | -CW-21 -DW-21 | | BLU/VIO VIO/BLU |
| -22 -47 | -CW-22 -DW-22 | | ORN/VIO VIO/ORN |
| -23 -48 | -CW-23 -DW-23 | | GRN/VIO VIO/GRN |
| -24 -49 | -CW-24 -DW-24 | | BRN/VIO VIO/BRN |
| -25 -50 | -CW-25 -DW-25 | | SLATE/VIO VIO/SLATE |

Table 7-53. Bann Site - RF Equipment Bay Cable W6, 7052-5253

| From | To | Function | Notes |
|---------------|-----------------|--|------------------------|
| A7J1-1 -26 | A10J4-13 -38 | REC LEFT CHANNEL 'A' REC LEFT CHANNEL 'A' | BLU/WHT WHT/BLU |
| -2 -2 | -14 -14 | REC RIGHT CHANNEL 'A' REC RIGHT CHANNEL 'A' | ORN/WHT WHT/ORN |
| -3 -28 | -15 -40 | PLAY LEFT CHANNEL 'A' PLAY LEFT CHANNEL 'A' | GRN/WHT WHT/GRN |
| -4 -29 | -16 -41 | PLAY RIGHT CHANNEL 'A' PLAY RIGHT CHANNEL 'A' | BRN/WHT WHT/BRN |
| -5 -30 | -17 -42 | REC LEFT CHANNEL 'B' REC LEFT CHANNEL 'B' | SLATE/WHT WHT/SLATE |
| -6 -31 | -18 -43 | REC RIGHT CHANNEL 'B' REC RIGHT CHANNEL 'B' | BLU/RED RED/BLU |
| -7 -32 | -19 -44 | PLAY LEFT CHANNEL 'B' PLAY LEFT CHANNEL 'B' | ORN/RED RED/ORN |
| -8 -33 | -20 -45 | PLAY RIGHT CHANNEL 'B' PLAY RIGHT CHANNEL 'B' | GRN/RED RED/GRN |
| -9 -34 | -13 -38 | REC LEFT CHANNEL 'A' REC LEFT CHANNEL 'A' | BRN/RED RED/BRN |
| -10 -35 | -14 -39 | REC RIGHT CHANNEL 'A' REC RIGHT CHANNEL 'A' | SLATE/RED RED/SLATE |
| -11 -36 | -15 -40 | PLAY LEFT CHANNEL 'A' PLAY LEFT CHANNEL 'A' | BLU/BLK BLK/BLU |
| -12 -37 | -16 -41 | PLAY RIGHT CHANNEL 'A' PLAY RIGHT CHANNEL 'A' | ORN/BLK BLK/ORN |
| -13 -38 | -17 -42 | REC LEFT CHANNEL 'B' REC LEFT CHANNEL 'B' | GRN/BLK BLK/GRN |
| -14 -39 | -18 -43 | REC RIGHT CHANNEL 'B' REC RIGHT CHANNEL 'B' | BRN/BLK BLK/BRN |
| -15 -40 | -19 -44 | PLAY LEFT CHANNEL 'B' PLAY LEFT CHANNEL 'B' | SLATE/BLK BLK/SLATE |
| -16 -41 | -20 -45 | PLAY RIGHT CHANNEL 'B' PLAY RIGHT CHANNEL 'B' | BLU/YEL YEL/BLU |

Table 7-53. Bann Site - RF Equipment Bay Cable W6, 7052-5253 (Cont.)

| From | To | Function | Notes |
|----------------|-----------------|--|------------------------------------|
| A7J1-17 -42 | A10J4-13 -38 | REC LEFT CHANNEL 'A' REC LEFT CHANNEL 'A' | ORN/YEL YEL/ORN |
| -18 -43 | -14 -39 | REC RIGHT CHANNEL 'A' REC RIGHT CHANNEL 'A' | GRN/YEL YEL/GRN |
| -19 -44 | -15 -40 | PLAY LEFT CHANNEL 'A' PLAY LEFT CHANNEL 'A' | BRN/YEL YEL/BRN |
| -20 -45 | -16 -41 | PLAY RIGHT CHANNEL 'A' PLAY RIGHT CHANNEL 'A' | SLATE/YEL YEL/SLATE |
| -21 -46 | -17 -42 | REC LEFT CHANNEL 'B' REC LEFT CHANNEL 'B' | CONSOLE 3 BLU/VIO VIO/BLU |
| -22 -47 | -18 -43 | REC RIGHT CHANNEL 'B' REC RIGHT CHANNEL 'B' | ORN/VIO VIO/ORN |
| -23 -48 | -19 -44 | PLAY LEFT CHANNEL 'B' PLAY LEFT CHANNEL 'B' | GRN/VIO VIO/GRN |
| -24 -49 | -20 -45 | PLAY RIGHT CHANNEL 'B' PLAY RIGHT CHANNEL 'B' | BRN/VIO VIO/BRN |
| -25 -50 | NC NC | ----- ----- | SLATE/VIO VIO/SLATE |

Table 7-54. RF Equipment Bay Cable W7, 7052-5207 (All Sites)

| From | To | Function | | Notes |
|----------------|------------------|----------|-----|------------------------|
| 1A7P2-1 -26 | 1TB1AW-20 -21 | R1 T1 | L-1 | BLU/WHT WHT/BLU |
| -2 -27 | -22 -23 | R T | | ORN/WHT WHT/ORN |
| -3 -28 | -BW-20 -21 | R1 T1 | L-2 | GRN/WHT WHT/GRN |
| -4 -29 | -22 -23 | R T | | BRN/WHT WHT/BRN |
| -5 -30 | -CW-20 -21 | R1 T1 | L-3 | SLATE/WHT WHT/SLATE |
| -6 -31 | -22 -23 | R T | | BLU/RED RED/BLU |
| -7 -32 | -DW-20 -21 | R1 T1 | L-4 | ORN/RED RED/ORN |
| -8 -33 | -22 -23 | R T | | GRN/RED RED/GRN |
| -9 -34 | -EW-20 -21 | R1 T1 | L-5 | BRN/RED RED/BRN |
| -10 -35 | -22 -23 | R T | | SLATE/RED RED/SLATE |
| -11 -36 | -FW-20 -21 | R1 T1 | L-6 | BLU/BLK BLK/BLU |
| -12 -37 | -22 -23 | R T | | ORN/BLK BLK/ORN |
| -13 -38 | -HW-20 -21 | R1 T1 | L-7 | GRN/BLK BLK/GRN |
| -14 -39 | -22 -23 | R T | | BRN/BLK BLK/BRN |
| -15 -40 | -JW-20 -21 | R1 T1 | L-8 | SLATE/BLK BLK/SLATE |
| -16 -41 | -22 -23 | R T | | BLU/YEL YEL/BLU |

Table 7-54. RF Equipment Bay Cable W7, 7052-5207 (All Sites) (Cont.)

| From | To | Function | | Notes |
|----------|-----------|----------|------|-----------|
| 1A7P2-17 | 1TB1KW-20 | R1 | L-9 | ORN/YEL |
| -42 | -21 | T1 | | YEL/ORN |
| -18 | -22 | R | | GRN/YEL |
| -43 | -23 | T | | YEL/GRN |
| -19 | -LW-20 | R1 | L-10 | BRN/YEL |
| -44 | -21 | T1 | | YEL/BRN |
| -20 | -22 | R | | SLATE/YEL |
| -45 | -23 | T | | YEL/SLATE |
| -21 | -MW-20 | R1 | L-11 | BLU/VIO |
| -46 | -21 | T1 | | VIO/BLU |
| -22 | -22 | R | | ORN/VIO |
| -47 | -23 | T | | VIO/ORN |
| -23 | -NW-20 | R1 | L-12 | GRN/VIO |
| -48 | -21 | T1 | | VIO/GRN |
| -24 | -22 | R | | BRN/VIO |
| -49 | -23 | T | | VIO/BRN |
| -25 | | | | SLATE/VIO |
| -50 | | | | VIO/SLATE |

Table 7-55. RF Equipment Bay Cable W8, 7052-5208 (All Sites Except Bann)

| From | To | Function | Notes |
|---------|------------|----------|----------|
| 1A8J1-1 | 1A10 J12-6 | | BLK } PR |
| -26 | J12-7 | | RED } PR |
| -2 | J13-6 | | BLK } PR |
| -27 | J13-7 | | WHT } PR |
| -3 | J14-6 | | BLK } PR |
| -28 | J14-7 | | GRN } PR |
| -4 | J15-6 | | BLK } PR |
| -29 | J15-7 | | BLU } PR |
| -5 | J16-6 | | BLK } PR |
| -30 | J16-7 | | YEL } PR |
| -6 | J17-6 | | BLK } PR |
| -31 | J17-7 | | BRN } PR |
| -7 | J18-6 | | BLK } PR |
| -32 | J18-7 | | ORN } PR |
| -8 | J19-6 | | RED } PR |
| -33 | J19-7 | | WHT } PR |
| -9 | J20-6 | | RED } PR |
| -34 | J20-7 | | GRN } PR |
| -10 | J21-6 | | RED } PR |
| -35 | J21-7 | | BLU } PR |
| -11 | J22-6 | | RED } PR |
| -36 | J22-7 | | YEL } PR |
| -12 | J23-6 | | RED } PR |
| -37 | J23-7 | | BRN } PR |
| -13 | J12-1 | | GRN } PR |
| -38 | J12-2 | | WHT } PR |
| -14 | J13-1 | | GRN } PR |
| -39 | J13-2 | | BLU } PR |
| -15 | J14-1 | | GRN } PR |
| -40 | J14-2 | | YEL } PR |
| -16 | J15-1 | | GRN } PR |
| -41 | J15-2 | | BRN } PR |

Table 7-55. RF Equipment Bay Cable W8, 7052-5208 (All Sites Except Bann) (Cont.)

| From | To | Function | Notes |
|----------------------|---------------------|----------|-------------------|
| 1A8J1-17 -42 | 1A10 J16-1 J16-2 | | GRN } PR ORN } |
| -18 -43 | J17-1 J17-2 | | WHT } PR BLU } |
| -19 -44 | J18-1 J18-2 | | WHT } PR YEL } |
| -20 -45 | J19-1 J19-2 | | WHT } PR BRN } |
| -21 -46 | J20-1 J20-2 | | WHT } GRN } PR |
| -22 -47 | J21-1 J21-2 | | BLU } YEL } PR |
| -23 -48 | J22-1 J22-2 | | BLU } PR BRN } |
| -24 -49 | J23-1 J23-2 | | BLU } PR ORN } |
| -25 -50 SHIELD | NC NC E1 | | SHLD |

Table 7-56. Bann Site - Telephone Equipment Bay Cable W8, 7052-5254

| From | To | Function | | Notes |
|-----------|----------|----------|-----|-------|
| TB1-AW-20 | TB2-AW-1 | R1 | L-1 | BLU |
| -AW-21 | -BW-1 | T1 | | WHT |
| -AW-22 | -AW-2 | R | | ORN |
| -AW-23 | -BW-2 | T | | WHT |
| -BW-20 | -AW-3 | R1 | L-2 | GRN |
| -BW-21 | -BW-3 | T1 | | WHT |
| -BW-22 | -AW-4 | R | | BRN |
| -BW-23 | -BW-4 | T | | WHT |
| -CW-20 | -AW-5 | R1 | L-3 | SLATE |
| -CW-21 | -BW-5 | T1 | | WHT |
| -CW-22 | -AW-6 | R | | BLU |
| -CW-23 | -BW-6 | T | | RED |
| -DW-20 | -AW-7 | R1 | L-4 | ORN |
| -DW-21 | -BW-7 | T1 | | RED |
| -DW-22 | -AW-8 | R | | GRN |
| -DW-23 | -BW-8 | T | | RED |
| -EW-20 | -AW-9 | R1 | L-5 | BRN |
| -EW-21 | -BW-9 | T1 | | RED |
| -EW-22 | -AW-10 | R | | SLATE |
| -EW-23 | -BW-10 | T | | RED |
| -FW-20 | -AW-11 | R1 | L-6 | BLU |
| -FW-21 | -BW-11 | T1 | | BLK |
| -FW-22 | -AW-12 | R | | ORN |
| -FW-23 | -BW-12 | T | | BLK |
| -HW-20 | -AW-13 | R1 | L-7 | GRN |
| -HW-21 | -BW-13 | T1 | | BLK |
| -HW-22 | -AW-14 | R | | BRN |
| -HW-23 | -BW-14 | T | | BLK |
| -JW-20 | -AW-15 | R1 | L-8 | SLATE |
| -JW-21 | -BW-15 | T1 | | BLK |
| -JW-22 | -AW-16 | R | | BLU |
| -JW-23 | -AW-16 | T | | YEL |

Table 7-56. Bann Site - Telephone Equipment Bay Cable W8, 7052-5254 (Cont.)

| From | To | Function | | Notes |
|-----------|-----------|----------|------|-------|
| TB1-KW-20 | TB2-AW-17 | R1 | L-9 | ORN |
| -KW-21 | -BW-17 | T1 | | YEL |
| -KW-22 | -AW-18 | R | | GRN |
| -KW-23 | -BW-18 | T | | YEL |
| -LW-20 | -AW-19 | R1 | L-10 | GRN |
| -LW-21 | -BW-19 | T1 | | YEL |
| -LW-22 | -AW-20 | R | | SLATE |
| -LW-23 | -BW-20 | T | | YEL |
| -MW-20 | -AW-21 | R1 | L-11 | BLU |
| -MW-21 | -BW-21 | T1 | | VIO |
| -MW-22 | -AW-22 | R | | ORN |
| -MW-23 | -BW-22 | T | | VIO |
| -NW-20 | -AW-23 | R1 | L-12 | GRN |
| -NW-21 | -BW-23 | T1 | | VIO |
| -NW-22 | -AW-24 | R | | BRN |
| -NW-23 | -BW-24 | T | | VIO |
| -AW-11 | -AW-25 | SP1 | | SLATE |
| -BW-11 | -BW-25 | SP2 | | VIO |

Table 7-57. RF Equipment Bay Cable W9, 7052-5209 (All Sites Except Bann)

| From | To | Function | Notes |
|----------------|--------------------|----------|------------------------|
| 1A8J2-1 -26 | 1TB2-EW-1 -FW-1 | | BLU/WHT WHT/BLU |
| -2 -27 | -EW-2 -FW-2 | | ORN/WHT WHT/ORN |
| -3 -28 | -EW-3 -FW-3 | | GRN/WHT WHT/GRN |
| -4 -29 | -EW-4 -FW-4 | | BRN/WHT WHT/BRN |
| -5 -30 | -EW-5 -FW-5 | | SLATE/WHT WHT/SLATE |
| -6 -31 | -EW-6 -FW-6 | | BLU/RED RED/BLU |
| -7 -32 | -EW-7 -FW-7 | | ORN/RED RED/ORN |
| -8 -33 | -EW-8 -FW-8 | | GRN/RED RED/GRN |
| -9 -34 | -EW-9 -FW-9 | | BRN/RED RED/BRN |
| -10 -35 | -EW-10 -FW-10 | | SLATE/RED RED/SLATE |
| -11 -36 | -EW-11 -FW-11 | | BLU/BLK BLK/BLU |
| -12 -37 | -EW-12 -FW-12 | | ORN/BLK BLK/ORN |
| -13 -38 | -EW-13 -FW-13 | | GRN/BLK BLK/GRN |
| -14 -39 | -EW-14 -FW-14 | | BRN/BLK BLK/BRN |
| -15 -40 | -EW-15 -FW-15 | | SLATE/BLK BLK/SLATE |
| -16 -41 | -EW-16 -FW-16 | | BLU/YEL YEL/BLU |

Table 7-57. RF Equipment Bay Cable W9, 7052-5209 (All Sites Except Bann,(Cont.)

| From | To | Function | Notes |
|-----------------|----------------------|----------|------------------------|
| 1A8J2-17 -42 | 1TB2-EW-17 -FW-17 | | ORN/YEL YEL/ORN |
| -18 -43 | -EW-18 -FW-18 | | GRN/YEL YEL/GRN |
| -19 -44 | -EW-19 -FW-19 | | BRN/YEL YEL/BRN |
| -20 -45 | -EW-20 -FW-20 | | SLATE/YEL YEL/SLATE |
| -21 -46 | -EW-21 -FW-21 | | BLU/VIO VIO/BLU |
| -22 -47 | -EW-22 -FW-22 | | ORN/VIO VIO/ORN |
| -23 -48 | -EW-23 -FW-23 | | GRN/VIO VIO/GRN |
| -24 -49 | -EW-24 -FW-24 | | BRN/VIO VIO/BRN |
| -25 -50 | NC NC | | SLATE/VIO VIO/SLATE |

Table 7-58. Bann Site - Telephone Equipment Bay Cable W9, 7052-5255

| From | To | Function | Notes |
|------------------|-------------------|------------------|--------------|
| TB1-AW-14 -15 | TB2-CW-1 -DW-1 | R(STA) T(STA) | BLU WHT |
| -16 -17 | -CW-2 -DW-2 | A L | ORN WHT |
| TB1-BW-14 -15 | -CW-3 -DW-3 | R(STA) T(STA) | GRN WHT |
| -16 -17 | -CW-4 -DW-4 | A L | BRN WHT |
| TB1-CW-14 -15 | -CW-5 -DW-5 | R(STA) T(STA) | SLATE WHT |
| -16 -17 | -CW-6 -DW-6 | A L | BLU RED |
| TB1-DW-14 -15 | -CW-7 -DW-7 | R(STA) T(STA) | ORN RED |
| -16 -17 | -CW-8 -DW-8 | A L | GRN RED |
| TB1-EW-14 -15 | -CW-9 -DW-9 | R(STA) T(STA) | BRN RED |
| -16 -17 | -CW-10 -DW-10 | A L | SLATE RED |
| TB1-FW-14 -15 | -CW-11 -DW-11 | R(STA) T(STA) | BLU BLK |
| -16 -17 | -CW-12 -DW-12 | A L | ORN BLK |
| TB1-HW-14 -15 | -CW-13 -DW-13 | R(STA) T(STA) | GRN BLK |
| -16 -17 | -CW-14 -DW-14 | A L | BRN BLK |
| TB1-JW-14 -15 | -CW-15 -DW-15 | R(STA) T(STA) | SLATE BLK |
| -16 -17 | -CW-16 -DW-16 | A L | BLU YEL |

Table 7-58. Bann Site - Telephone Equipment Bay Cable W9, 7052-5255 (Cont.)

| From | To | Function | Notes |
|-----------|-----------|----------|-------|
| TB1-KW-14 | TB2-CW-17 | R(STA) | ORN |
| -15 | -DW-17 | T(STA) | YEL |
| -16 | -CW-18 | A | GRN |
| -17 | -DW-18 | L | YEL |
| TB1-LW-14 | -CW-19 | R(STA) | BRN |
| -15 | -DW-19 | T(STA) | YEL |
| -16 | -CW-20 | A | SLATE |
| -17 | -DW-20 | L | YEL |
| TB1-MW-14 | -CW-21 | R(STA) | BLU |
| -15 | -DW-21 | T(STA) | VIO |
| -16 | -CW-22 | A | ORN |
| -17 | -DW-22 | L | VIO |
| TB1-MW-14 | -CW-23 | R(STA) | GRN |
| -15 | -DW-23 | -(STA) | VIO |
| -16 | -CW-24 | A | BRN |
| -17 | -DW-24 | L | VIO |
| -CW-11 | -CW-25 | SP3 | SLATE |
| -DW-11 | -DW-25 | SP4 | VIO |

Table 7-59. RF Equipment Bay Cable W10, 7052-5210 (All Sites Except Bann)

| From | To | Function | Notes |
|----------------|-----------------|----------|------------------------|
| 1A8P1-1 -26 | 1A10J5-1 -26 | | BLU/WHT WHT/BLU |
| -2 -27 | -2 -27 | | ORN/WHT WHT/ORN |
| -3 -28 | -3 -28 | | GRN/WHT WHT/GRN |
| -4 -29 | -4 -29 | | BRN/WHT WHT/BRN |
| 5 -30 | -5 -30 | | SLATE/WHT WHT/SLATE |
| -6 -31 | -6 -31 | | BLU/RED RED/BLU |
| -7 -32 | -7 -32 | | ORN/RED RED/ORN |
| -8 -33 | -8 -33 | | GRN/RED RED/GRN |
| -9 -34 | -9 -34 | | BRN/RED RED/BRN |
| -10 -35 | -10 -35 | | SLATE/RED RED/SLATE |
| -11 -36 | -11 -36 | | BLU/BLK BLK/BLU |
| -12 -37 | -12 -37 | | ORN/BLK BLK/ORN |
| -13 -38 | -13 -38 | | GRN/BLK BLK/GRN |
| -14 -39 | -14 -39 | | BRN/BLK BLK/BRN |
| -15 -40 | -15 -40 | | SLATE/BLK BLK/SLATE |
| -16 -41 | -16 -41 | | BLU/YEL YEL/BLU |

Table 7-59. RF Equipment Bay Cable W10, 7052-5210 (All Sites Except Bann) (Cont.)

| From | To | Function | Notes |
|----------|-----------|----------|-----------|
| 1A8P1-17 | 1A10J5-17 | | ORN/YEL |
| -42 | | -42 | YEL/ORN |
| -18 | | -18 | GRN/YEL |
| -43 | | -43 | YEL/GRN |
| -19 | | -19 | BRN/YEL |
| -44 | | -44 | YEL/BRN |
| -20 | | -20 | SLATE/YEL |
| -45 | | -45 | YEL/SLATE |
| -21 | | -21 | BLU/VIO |
| -46 | | -46 | VIO/BLU |
| -22 | | -22 | ORN/VIO |
| -47 | | -47 | VIO/ORN |
| -23 | | -23 | GRN/VIO |
| -48 | | -48 | VIO/GRN |
| -24 | | -24 | BRN/VIO |
| -49 | | -49 | VIO/BRN |
| -25 | | NC | SLATE/VIO |
| -50 | | NC | VIO/SLATE |

Table 7-60. Bann Site - Telephone Equipment Bay Cable W10, 7052-5256

| From | To | Function | | Notes |
|---------------------|-------------------|-------------|------------------|--------------|
| TB1-AW-24 -AW-25 | TB2-EW-1 -FW-1 | BR L | RADIO PATCH - 1 | BLU WHT |
| -BW-24 -BW-25 | -EW-2 -FW-2 | BR L | RADIO PATCH - 2 | ORN WHT |
| -CW-24 -CW-25 | -EW-3 -FW-3 | BR L | RADIO PATCH - 3 | GRN WHT |
| -DW-24 -DW-25 | -EW-4 -FW-4 | BR L | RADIO PATCH - 4 | BRN WHT |
| -EW-24 -EW-25 | -EW-5 -FW-5 | BR L | RADIO PATCH - 5 | SLATE WHT |
| -FW-24 -FW-25 | -EW-6 -FW-6 | BR L | RADIO PATCH - 6 | BLU RED |
| -HW-24 -HW-25 | -EW-7 -FW-7 | BR L | RADIO PATCH - 7 | ORN RED |
| -JW-24 -JW-25 | -EW-8 -FW-8 | BR L | RADIO PATCH - 8 | GRN RED |
| -KW-24 -KW-25 | -EW-9 -FW-9 | BR L | RADIO PATCH - 9 | BRN RED |
| -LW-24 -LW-25 | -EW-10 -FW-10 | BR | RADIO PATCH - 10 | SLATE RED |
| -MW-24 -MW-25 | -EW-11 -FW-11 | BR L | RADIO PATCH - 11 | BLU BLK |
| -NW-24 -NW-25 | -EW-12 -FW-12 | BR L | RADIO PATCH - 12 | ORN BLK |
| -AW-12 -AV-12 | -EW-13 -FW-13 | RC5 RC4 | | GRN BLK |
| -CW-12 -DW-12 | -EW-14 -FW-14 | RING RC1 | | BRN BLK |
| -EW-12 -FW-12 | -EW-15 -FW-15 | TIP RC2 | | SLATE BLK |
| -HW-12 -HW-12 | -EW-16 -FW-16 | L LC3 | | BLU YEL |

Table 7-60. Bann Site - Telephone Equipment Bay Cable W10, 7052-5256 (Cont.)

| From | To | Function | Notes |
|---------------------|---------------------|------------------------------|--------------|
| TB1-KW-12 -LW-12 | TB2-EW-17 -FW-17 | RCC B1 | ORN YEL |
| -MW-12 -NW-12 | -EW-18 -FW-18 | L ERG LINE 1 L ERG LINE 2 | GRN YEL |
| -AW-13 -BW-13 | -EW-19 -FW-19 | LTS 1 LTS 2 | BRN YEL |
| -CW-13 -DW-13 | -EW-20 -FW-20 | 10 VAC RG - RT11 | SLATE YEL |
| -EW-13 -FW-13 | -EW-21 -FW-21 | SIG CFTT RTN SIG CFTT RTN | BLU VIO |
| -HW-13 -JW-13 | -EW-22 -FW-22 | SP-6 SP-7 | ORN VIO |
| -KW-13 -LW-13 | -EW-23 -FW-23 | SP-8 SP-9 | GRN VIO |
| -AW-18 -BW-18 | -EW-24 -FW-24 | LAMP GNO 1 LAMP GNO 1 | BRN VIO |
| -AW-26 -BW-26 | -EW-25 -FW-25 | LAMP GNO 2 LAMP GNO 2 | SLATE VIO |

Table 7-61. RF Equipment Bay Cable W11, 7052-5211 (All Sites Except Bann)

| From | To | Function | Notes |
|----------------|-----------------|----------|------------------------|
| 1A8P2-1 -26 | 1A10J6-1 -26 | | BLU/WHT WHT/BLU |
| -2 -27 | -2 -27 | | ORN/WHT WHT/ORN |
| -3 -28 | -3 -28 | | GRN/WHT WHT/GRN |
| -4 -29 | -4 -29 | | BRN/WHT WHT/BRN |
| -5 -30 | -5 -30 | | SLATE/WHT WHT/SLATE |
| -6 -31 | -6 -31 | | BLU/RED RED/BLU |
| -7 -32 | -7 -32 | | ORN/RED RED/ORN |
| -8 -33 | -8 -33 | | GRN/RED RED/GRN |
| -9 -34 | -9 -34 | | BRN/RED RED/BRN |
| -10 -35 | -10 -35 | | SLATE/RED RED/SLATE |
| -11 -36 | -11 -36 | | BLU/BLK BLK/BLU |
| -12 -37 | -12 -37 | | ORN/BLK BLK/ORN |
| -13 -38 | -13 -38 | | GRN/BLK BLK/GRN |
| -14 -39 | -14 -39 | | BRN/BLK BLK/BRN |
| -15 -40 | -15 -40 | | SLATE/BLK BLK/SLATE |
| -16 -41 | -16 -41 | | BLU/YEL YEL/BLU |

Table 7-61. RF Equipment Bay Cable W11, 7052-5210 (All Sites Except Bann) (Cont.)

| From | To | Function | Notes |
|-----------------|------------------|----------|------------------------|
| 1A8P2-17 -42 | 1A10J6-17 -42 | | ORN/YEL YEL/ORN |
| -18 -43 | -18 -43 | | GRN/YEL YEL/GRN |
| -19 -44 | -19 -44 | | BRN/YEL YEL/BRN |
| -20 -45 | -20 -45 | | SLATE/YEL YEL/SLATE |
| -21 -46 | -21 -46 | | BLU/VIO VIO/BLU |
| -22 -47 | -22 -47 | | ORN/VIO VIO/ORN |
| -23 -48 | -23 -48 | | GRN/VIO VIO/GRN |
| -24 -49 | -24 -49 | | BRN/VIO VIO/BRN |
| -25 -50 | NC NC | | SLATE/VIO VIO/SLATE |

Table 7-62. Bann Site - Telephone Equipment Bay Cable W11, 7052-5257

| From | To | Function | | Notes |
|-------------------|----------------|----------|-----|--------------|
| TB2-AW-1 -BW-1 | A10J1-I -26 | R1 T1 | L-1 | BLU WHT |
| -AW-2 -BW-2 | -2 -27 | R T | | ORN WHT |
| -AW-3 -BW-3 | -3 -28 | R1 T1 | L-2 | GRN WHT |
| -AW-4 -BW-4 | -4 -29 | R T | | BRN WHT |
| -AW-5 -BW-5 | -5 -30 | R1 T1 | L-3 | SLATE WHT |
| -AW-6 -BW-6 | -6 -31 | R T | | BLU RED |
| -AW-7 -BW-7 | -7 -32 | R1 T1 | L-4 | ORN RED |
| -AW-8 -BW-8 | -8 -33 | R T | | GRN RED |
| -AW-9 -BW-9 | -9 -34 | R1 T1 | L-5 | BRN RED |
| -AW-10 -BW-10 | -10 -35 | R T | | SLATE RED |
| -AW-11 -BW-11 | -11 -36 | R1 T1 | L-6 | BLU BLK |
| -AW-12 -BW-12 | -12 -37 | R T | | ORN BLK |
| -AW-13 -BW-13 | -13 -38 | R1 T1 | L-7 | GRN BLK |
| -AW-14 -BW-14 | -14 -39 | R T | | BRN BLK |
| -AW-15 -BW-15 | -15 -40 | R1 T1 | L-8 | SLATE BLK |
| -AW-16 -BW-16 | -16 -41 | R T | | BLU YEL |

Table 7-62. Bann Site - Telephone Equipment Bay Cable W11, 7052-5257 (Cont.)

| From | To | Function | | Notes |
|-----------|----------|----------|------|-------|
| TB2-AW-17 | A10J1-17 | R1 | L-9 | ORN |
| -BW-17 | -42 | T1 | | YEL |
| -AW-18 | -18 | R | | GRN |
| -BW-18 | -43 | T | | YEL |
| -AW-19 | -19 | R1 | L-10 | GRN |
| -BW-19 | -44 | T1 | | YEL |
| -AW-20 | -20 | R | | SLATE |
| -BW-20 | -45 | T | | YEL |
| -AW-21 | -21 | R1 | L-11 | BLU |
| -BW-21 | -46 | T1 | | VIO |
| -AW-22 | -22 | R | | ORN |
| -BW-22 | -47 | T | | VIO |
| -AW-23 | -23 | R1 | L-12 | GRN |
| -BW-23 | -48 | T1 | | VIO |
| -AW-24 | -24 | R | | BRN |
| -BW-24 | -49 | T | | VIO |
| -AW-25 | -25 | SP1 | | SLATE |
| -BW-25 | -50 | SP2 | | VIO |

Table 7-63. RF Equipment Bay Cable W12, 705B-5212 (All Sites)

| From | To | Function | | | Notes |
|--------------------------|--------------------------|------------------|-----------------------|-----------------------|------------------------|
| 1A9J16-1 -26 | 1TB1AW-AW-12 BW-12 | R(CO) T(CO) | RC5 RC1 | INTERCOM (KS LN-1) | BLU/WHT WHT/BLU |
| -2 -27 | CW-12 DW-12 | R(STA) T(STA) | RING RC2 | | ORN/WHT WHT/ORN |
| -3 -28 | EW-12 FW-12 | A1 A | TIP/GND. RC4 | | GRN/WHT WHT/GRN |
| -4 -29 | HW-12 JW-12 | L LG | L RC3 | | BRN/WHT WHT/BRN |
| -5 -30 | KW-12 LW-12 | R1 B1 | N.C. N.C. | | SLATE/WHT WHT/SLATE |
| -6 -31 | AW-2 -6 | R(CO) T(CO) | LINE-1 (KS LN-2) | | BLU/RED RED/BLU |
| -7 -32 | -14 -15 | R(STA) T(STA) | | | ORN/RED RED/ORN |
| -8 -33 | # * -16 | A1 A | | | GRN/RED RED/GRN |
| -9 -34 | -17 -18 | L LG | | | BRN/RED RED/BRN |
| -10 -35 | -19 4 | R1 B1 | | | SLATE/RED RED/SLATE |
| -11 -36 | -BW-2 -6 | R(CO) T(CO) | LINE-2 (KS LINE-3) | | BLU/BLK BLK/BLU |
| -12 -37 | -14 -15 | R(STA) T(STA) | | | ORN/BLK BLK/ORN |
| -13 -38 | # * -16 | A1 A | | | GRN/BLK BLK/GRN |
| -14 -39 | -17 -18 | L LG | | | BRN/BLK BLK/BRN |
| -15 -40 | -19 # * | R1 B1 | | | SLATE/BLK BLK/SLATE |
| -16 -41 # INSULATE | -CW-2 -6 *TIE BACK | R(CO) T(CO) | LINE-3 (KS-LINE-4) | | BLU/YEL YEL/BLU |

Table 7-63. RF Equipment Bay Cable W12, 7052-5212 (All Sites) (Cont.)

| From | To | Function | Notes |
|------------------|-------------------|------------------|---|
| 1A9J16-17 -42 | 1TB1-CW-14 -15 | R(STA) T(STA) | ORN/YEL YEL/ORN |
| -18# ' -43 | AI -16 | A | GRN/YEL YEL/GRN |
| -19 -44 | -17 -18 | L LG | BRN/YEL YEL/BRN |
| -20 -45 | -19 # * | R1 B1 | SLATE/YEL YEL/SLATE |
| -21 -46 | -DW-2 -6 | R(CO) T(CO) | LINE-4 (KS LINE-5) BLU/VIO VIO/BLU |
| -22 -47 | -14 -15 | R(STA) T(STA) | ORN/VIO VIO/ORN |
| -23 -48 | -16 | A1 A | GRN/VIO VIO/GRN |
| -24 -49 | -17 -18 | L LG | BRN/VIO VIO/BRN |
| -25 -50 | -19 # * | R1 B1 | SLATE/VIO VIO/SLATE |
| # INSULATE | * TIE BACK | | |

Table 7-64. RF Equipment Bay Cable W13, 7052-5213 (All Sites)

| From | To | Function | | Notes |
|-----------------|-----------------|-------------|-----------------------|------------------------|
| 1A9J17-1 -26 | 1TB1-EW-2 -6 | R(CO) T | LINE-5 (KS LINE-6) | BLU/WHT WHT/BLU |
| -2 -27 | -14 -15 | R(STA) T | | ORN/WHT WHT/ORN |
| -3 -28 | # * -16 | A1 A | | GRN/WHT WHT/GRN |
| -4 -29 | -17 -18 | L LG | | BRN/WHT WHT/BRN |
| -5 -30 | -19 # * | R1 B1 | | SLATE/WHT WHT/SLATE |
| -6 -31 | FW-2 -6 | R(CO) T | LINE-6 (KS LINE-7) | BLU/RED RED/BLU |
| -7 -32 | -14 -15 | R(STA) T | | ORN/RED RED/ORN |
| -8 -33 | # * -16 | A1 A | | GRN/RED RED/GRN |
| -9 -34 | -17 -18 | L LG | | BRN/RED RED/BRN |
| -10 -35 | -19 # * | R1 B1 | | SLATE/RED RED/SLATE |
| -11 -36 | HW-2 -6 | R(CO) T | LINE-7 (KS LINE-8) | BLU/BLK BLK/BLU |
| -12 -37 | -14 -15 | R(STA) T | | ORN/BLK BLK/ORN |
| -13 -38 | # * -16 | A1 A | | GRN/BLK BLK/GRN |
| -14 -39 | -17 -18 | L LG | | BRN/BLK BLK/BRN |
| -15 -40 | -19 # * | R1 B1 | | SLATE/BLK BLK/SLATE |
| -16 -41 | JW-2 -6 | R(CO) T | LINE-8 (KS LINE-9) | BLU/YEL YEL/BLU |
| # INSULATE | * TIE BACK | | | |

Table 7-64. RF Equipment Bay Cable W13, 7052-5213 (All Sites) (Cont.)

| From | To | Function | Notes |
|------------|------------|----------|------------------------|
| 1A9J17-17 | 1TB1-JW-14 | R(STA) | ORN/YEL |
| -42 | -15 | T | YEL/ORN |
| -18 | # * | A1 | GRN/YEL |
| -43 | -16 | A | YEL/GRN |
| -19 | -17 | L | BRN/YEL |
| -44 | -18 | LG | YEL/BRN |
| -20 | -19 | R1 | SLATE/YEL |
| -45 | # * | B1 | YEL/SLATE |
| -21 | KW-2 | R(W) | BLU/VIO |
| -46 | -6 | T | VIO/BLU |
| | | | LINE-9 (KS LINE-10) |
| -22 | -14 | R(STA) | ORN/VIO |
| -47 | -15 | T | VIO/ORN |
| -23 | # * | A1 | GRN/VIO |
| -48 | -16 | A | VIO/GRN |
| -24 | -17 | L | BRN/VIO |
| -49 | -18 | LG | VIO/BRN |
| -25 | -19 | R1 | SLATE/VIO |
| -50 | # * | B1 | VIO/SLATE |
| # INSULATE | * TIE BACK | | |

Table 7-65. RF Equipment Bay Cable W14, 7052-5214 (All Sites)

| From | To | Function | | Notes |
|------------------------|-----------------|-------------|-------------------------|------------------------|
| 1A9J18-1 -26 | 1TB1-LW-2 -6 | R(CO) T | LINE-10 (KS LINE-11) | BLU/WHT WHT/BLU |
| -2 -27 | -14 -15 | R(STA) T | | ORN/WHT WHT/ORN |
| -3 -28 | # * -16 | A1 A | | GRN/WHT WHT/GRN |
| -4 -29 | -17 -18 | L LG | | BRN/WHT WHT/BRN |
| -5 -30 | -19 # * | R1 B1 | | SLATE/WHT WHT/SLATE |
| -6 -31 | MW-2 -6 | R(CO) T | LINE-11 (KS LINE-12) | BLU/RED RED/BLU |
| -7 -32 | -14 -15 | R(STA) T | | ORN/RED RED/ORN |
| -8 -33 | # * -16 | A1 A | | GRN/RED RED/GRN |
| -9 -34 | -17 -18 | L LG | | BRN/RED RED/BRN |
| -10 -35 | -19 # * | R1 | B1 | SLATE/RED RED/SLATE |
| -11 -36 | NW-2 -6 | R(CO) T | LINE-12 (KS LINE-13) | BLU/BLK BLK/BLU |
| -12 -37 | -14 -15 | R(STA) T | | ORN/BLK BLK/ORN |
| -13 -38 | # * -16 | A1 A | | GRN/BLK BLK/GRN |
| -14 -39 | -17 -18 | L LG | | BRN/BLK BLK/BRN |
| -15 -40 | -19 # * | R1 B1 | | SLATE/BLK BLK/SLATE |
| -16 -41 | * * | R(W) T | (KS LINE-14) | BLU/YEL YEL/BLU |
| #* INSULATE & TIE BACK | | | | |

Table 7-65. RF Equipment Bay Cable W14, 7052-5214 (All Sites)(Cont.)

| From | To | Function | Notes |
|------------------|------------|---------------|------------------------|
| 1A9J18-17 -42 | 1TB1 * | R(STA) * T | ORN/YEL YEL/ORN |
| -18 -43 | # * * | A1 A | GRN/YEL YEL/GRN |
| -19 -44 | * # * | L LG | BRN/YEL YEL/BRN |
| -20 -45 | * # * | R1 B1 | SLATE/YEL YEL/SLATE |
| -21 -46 | * * | R(CO) T | BLU/VIO VIO/BLU |
| -22 -47 | | R(STA) T | ORN/VIO VIO/ORN |
| -23 -48 | # * * | A1 A | GRN/VIO VIO/GRN |
| -24 -49 | * # * | L LG | BRN/VIO VIO/BRN |
| -25 -50 | * # * | R1 B1 | SLATE/VIO VIO/SLATE |
| # INSULATE | * TIE BACK | | |

Table 7-66. RF Equipment Bay Cable W15, 7052-5215 (All Sites Except Bann)

| From | To | Function | Notes |
|----------|------------|----------|-------|
| 1A10J1-1 | 1A10-J12-3 | | |
| -26 | J12-4 | | |
| -2 | J13-3 | | |
| -27 | J13-4 | | |
| -3 | J14-3 | | |
| -28 | J14-4 | | |
| -4 | J15-3 | | |
| -29 | J15-4 | | |
| -5 | J16-3 | | |
| -30 | J16-4 | | |
| -6 | J17-3 | | |
| -31 | J17-4 | | |
| -7 | J18-3 | | |
| -32 | J18-4 | | |
| -8 | J19-3 | | |
| -33 | J19-4 | | |
| -9 | J20-3 | | |
| -34 | J20-4 | | |
| -10 | J21-3 | | |
| -35 | J21-4 | | |
| -11 | J22-3 | | |
| -36 | J22-4 | | |
| -12 | J23-3 | | |
| -37 | J23-4 | | |
| -13 | NC | | |
| -38 | NC | | |
| -14 | NC | | |
| -39 | NC | | |
| -15 | NC | | |
| -40 | NC | | |
| -16 | NC | | |
| -41 | NC | | |

Table 7-66. RF Equipment Bay Cable W15, 7052-5215 (All Sites Except Bann)(Cont.)

| From | To | Function | Notes |
|-----------|----|----------|-------|
| 1A10J1-17 | NC | | |
| -42 | NC | | |
| -18 | NC | | |
| -43 | NC | | |
| -19 | NC | | |
| -44 | NC | | |
| -20 | NC | | |
| -45 | NC | | |
| -21 | NC | | |
| -46 | NC | | |
| -22 | NC | | |
| -47 | NC | | |
| -23 | NC | | |
| -48 | NC | | |
| -24 | NC | | |
| -49 | NC | | |
| -25 | NC | | |
| -50 | NC | | |

Table 7-67. Bann Site - Telephone Equipment Bay Cable W15, 7052-5258

| From | To | Function | Notes |
|-------------------|-----------------|------------------|--------------|
| TB2-CW-1 -DW-1 | A100J2-1 -26 | R(STA) T(STA) | BLU WHT |
| -CW-2 -DW-2 | -2 -27 | A L | ORN WHT |
| -CW-3 -DW-3 | -3 -28 | R(STA) T(STA) | GRN WHT |
| -CW-4 -DW-4 | -4 -29 | A L | BRN WHT |
| -CW-5 -DW-5 | -5 -30 | R(STA) T(STA) | SLATE WHT |
| -CW-6 -DW-6 | -6 -31 | A L | BLU RED |
| -CW-7 -DW-7 | -7 -32 | R(STA) T(STA) | ORN RED |
| -CW-8 -DW-8 | -8 -33 | A L | GRN RED |
| -CW-9 -DW-9 | -9 -34 | R(STA) T(STA) | BRN RED |
| -CW-10 -DW-10 | -10 -35 | A L | SLATE RED |
| -CW-11 -DW-11 | -11 -36 | R(STA) T(STA) | BLU BLK |
| -CW-12 -DW-12 | -12 -37 | A L | ORN BLK |
| -CW-13 -DW-13 | -13 -38 | R(STA) T(STA) | GRN BLK |
| -CW-14 -DW-14 | -14 -39 | A L | BRN BLK |
| -CW-15 -DW-15 | -15 -40 | R(STA) T(STA) | SLATE BLK |
| -CW-16 -DW-16 | -16 -41 | A L | BLU YEL |

Table 7-67. Bann Site Telephone Equipment Bay Cable W15, 7052-5258 (Cont.)

| From | To | Function | Notes |
|-----------|----------|----------|-------|
| TB2-CW-17 | A10J2-17 | R(STA) | ORN |
| -DW-17 | -42 | T(STA) | YEL |
| -CW-18 | -18 | A | GRN |
| -DW-18 | -43 | L | YEL |
| -CW-19 | -19 | R(STA) | GRN |
| -DW-19 | -44 | T(STA) | YEL |
| -CW-20 | -20 | A | SLATE |
| -DW-20 | -45 | L | YEL |
| -CW-21 | -21 | R(STA) | BLU |
| -DW-21 | -46 | T(STA) | VIO |
| -CW-22 | -22 | A | ORN |
| -DW-22 | -47 | L | VIO |
| -CW-23 | -23 | R(STA) | GRN |
| -DW-23 | -48 | T(STA) | VIO |
| -CW-24 | -24 | A | BRN |
| -DW-24 | -49 | L | VIO |
| -CW-25 | -25 | SP3 | SLATE |
| -DW-25 | -50 | SP4 | VIO |

Table 7-68. RF Equipment Bay Cable W16, 7052-5216 (All Sites Except Bann)

| From | To | Function | | Notes |
|----------|------------|----------|-----|-----------|
| 1A10J2-1 | 1TB1-AW-20 | R1 | L-1 | BLU/WHT |
| -26 | -21 | T1 | | WHT/BLU |
| -2 | -22 | R | | ORN/WHT |
| -27 | -23 | T | | WHT/ORN |
| -3 | BW-20 | R1 | L-2 | GRN/WHT |
| -28 | -21 | T1 | | WHT/GRN |
| -4 | -22 | R | | BRN/WHT |
| -29 | -23 | T | | WHT/BRN |
| -5 | CW-20 | R1 | L-3 | SLATE/WHT |
| -30 | -21 | T1 | | WHT/SLATE |
| -6 | -22 | R | | BLU/RED |
| -31 | -23 | T | | RED/BLU |
| -7 | DW-20 | R1 | L-4 | ORN/RED |
| -32 | -21 | T1 | | RED/ORN |
| -8 | -22 | R | | GRN/RED |
| -33 | -23 | T | | RED/GRN |
| -9 | EW-20 | R1 | L-5 | BRN/RED |
| -34 | -21 | T1 | | RED/BRN |
| -10 | -22 | R | | SLATE/RED |
| -35 | -23 | T | | RED/SLATE |
| -11 | FW-20 | R1 | L-6 | BLU/BLK |
| -36 | -21 | T1 | | BLK/BLU |
| -12 | -22 | R | | ORN/BLK |
| -37 | -23 | T | | BLK/ORN |
| -13 | HW-20 | R1 | L-7 | GRN/BLK |
| -38 | -21 | T1 | | BLK/GRN |
| -14 | -22 | R | | BRN/BLK |
| -39 | -23 | T | | BLK/BRN |
| -15 | JW-20 | R1 | L-8 | SLATE/BLK |
| -40 | -21 | T1 | | BLK/SLATE |
| -16 | -22 | R | | BLU/YEL |
| -41 | -23 | T | | YEL/BLU |

Table 7-68. RF Equipment Bay Cable W16, 7052-5216 (All Sites Except Bann)(Cont.)

| From | To | Function | Notes |
|-----------|------------|----------|-----------|
| 1A10J2-17 | 1TB1-KW-20 | R1 | ORN/YEL |
| -42 | -21 | T1 | YEL/ORN |
| -18 | -22 | R | GRN/YEL |
| -43 | -23 | T | YEL/GRN |
| -19 | LW-20 | R1 | BRN/YEL |
| -44 | -21 | T1 | YEL/BRN |
| -20 | -22 | R | SLATE/YEL |
| -45 | -23 | T | YEL/SLATE |
| -21 | MW-20 | R1 | BLU/VIO |
| -46 | -21 | T1 | VIO/BLU |
| -22 | -22 | R | ORN/VIO |
| -47 | -23 | T | VIO/ORN |
| -23 | NW-20 | R1 | GRN/VIO |
| -48 | -21 | T1 | VIO/GRN |
| -24 | -22 | R | BRN/VIO |
| -49 | -23 | T | VIO/BRN |
| -25 | AW-11 | SP1 | SLATE/VIO |
| -50 | BW-11 | SP2 | VIO/SLATE |

Table 7-69. Bann Site - Telephone Equipment Bay Cable, W16, 7052-5259

| From | To | Function | | Notes |
|-------------------|----------------|-------------|----------------|--------------|
| TB2-EW-1 -FW-1 | A10J3-1 -26 | BR L | RADIO PATCH-1 | BLU WHT |
| -EW-2 -FW-2 | -2 -27 | BR L | RADIO PATCH-2 | ORN WHT |
| -EW-3 -FW-3 | -3 -28 | BR L | RADIO PATCH-3 | GRN WHT |
| -EW-4 -FW-4 | -4 -29 | BR L | RADIO PATCH-4 | BRN WHT |
| -EW-5 -FW-5 | -5 -30 | BR L | RADIO PATCH-5 | SLATE WHT |
| -EW-6 -FW-6 | -6 -31 | BR L | RADIO PATCH-6 | BLU RED |
| -EW-7 -FW-7 | -7 -32 | BR L | RADIO PATCH-7 | ORN RED |
| -EW-8 -FW-8 | -8 -33 | BR L | RADIO PATCH-8 | GRN RED |
| -EW-9 -FW-9 | -9 -34 | BR L | RADIO PATCH-9 | BRN RED |
| -EW-10 -FW-10 | -10 -35 | BR L | RADIO PATCH-10 | SLATE RED |
| -EW-11 -FW-11 | -11 -36 | BR L | RADIO PATCH-11 | BLU BLK |
| -EW-12 -FW-12 | -12 -37 | BR L | RADIO PATCH-12 | ORN BLK |
| -EW-13 -FW-13 | -13 -38 | RC5 RC4 | | GRN BLK |
| -EW-14 -FW-14 | -14 -39 | RING RC1 | | BRN BLK |
| -EW-15 -FW-15 | -15 -40 | TIP RC2 | | SLATE BLK |
| -EW-16 -FW-16 | -16 -41 | L RC3 | | BLU YEL |

Table 7-69. Bann Site - Telephone Equipment Bay Cable, W16, 7052-5259 (Cont.)

| From | To | Function | Notes |
|-----------|----------|--------------|-------|
| TB2-EW-17 | A10J3-17 | RCC | ORN |
| -FW-17 | -42 | B1 | YEL |
| -EW-18 | -18 | L ERG LINE 1 | GRN |
| -FW-18 | -43 | L ERG LINE 2 | YEL |
| -EW-19 | -19 | LTS 1 | GRN |
| -FW-19 | -44 | LTS 2 | YEL |
| -EW-20 | -20 | 10 VAC | SLATE |
| -FW-20 | -45 | RG - RTN | YEL |
| -EW-21 | -21 | SIG BATT RTN | BLU |
| -FW-21 | -46 | SIG BATT RTN | VIO |
| -EW-22 | -22 | SP-6 | ORN |
| -FW-22 | -47 | SP-7 | VIO |
| -EW-23 | -23 | SP-8 | GRN |
| -FW-23 | -48 | SP-9 | VIO |
| -EW-24 | -24 | LAMP GNO 1 | BRN |
| -FW-24 | -49 | | VIO |
| -EW-25 | -25 | LAMP GNO 2 | SLATE |
| -FW-25 | -50 | | VIO |

Table 7-70. RF Equipment Bay Cable W17, 7052-5217 (All Sites Except Bann)

| From | To | Function | | Notes |
|----------|------------|----------|--------|-----------|
| 1A10J3-1 | 1TB1-AW-14 | R(STA) | LINE-1 | BLU/WHT |
| -26 | -15 | T(STA) | | WHT/BLU |
| -2 | -16 | A | | ORN/WHT |
| -27 | -17 | L | | WHT/ORN |
| -3 | BW-14 | R(STA) | LINE-2 | GRN/WHT |
| -28 | -15 | T(STA) | | WHT/GRN |
| -4 | -16 | A | | BRN/WHT |
| -29 | -17 | L | | WHT/BRN |
| -5 | CW-14 | R(STA) | LINE-3 | SLATE/WHT |
| -30 | -15 | T(STA) | | WHT/SLATE |
| -6 | -16 | A | | BLU/RED |
| -31 | -17 | L | | RED/BLU |
| -7 | DW-14 | R(STA) | LINE-4 | ORN/RED |
| -32 | -15 | T(STA) | | RED/ORN |
| -8 | -16 | A | | GRN/RED |
| -33 | -17 | L | | RED/GRN |
| -9 | EW-14 | R(STA) | LINE-5 | BRN/RED |
| -34 | -15 | T(STA) | | RED/BRN |
| -10 | -16 | A | | SLATE/RED |
| -35 | -17 | L | | RED/SLATE |
| -11 | FW-14 | R(STA) | LINE-6 | BLU/BLK |
| -36 | -15 | T(STA) | | BLK/BLU |
| -12 | -16 | A | | ORN/BLK |
| -37 | -17 | L | | BLK/ORN |
| -13 | HW-14 | R(STA) | LINE-7 | GRN/BLK |
| -38 | -15 | T(STA) | | BLK/GRN |
| -14 | -16 | A | | BRN/BLK |
| -39 | -17 | L | | BLK/BRN |
| -15 | JW-14 | R(STA) | LINE-8 | SLATE/BLK |
| -40 | -15 | T(STA) | | BLK/SLATE |
| -16 | -16 | A | | BLU/YEL |
| -41 | -17 | L | | YEL/BLU |

Table 7-70. RF Equipment Bay Cable W17, 7052-5217 (All Sites Except Bann)(Cont.)

| From | To | Function | | Notes |
|-----------|------------|----------|---------|-----------|
| 1A10J3-17 | 1TB1-KW-14 | R(STA) | LINE-9 | ORN/YEL |
| -42 | -15 | T(STA) | | YEL/ORN |
| -18 | -16 | A | | GRN/YEL |
| -43 | -17 | L | | YEL/GRN |
| -19 | LW-14 | R(STA) | LINE-10 | BRN/YEL |
| -44 | -15 | T(STA) | | YEL/BRN |
| -20 | -16 | A | | SLATE/YEL |
| -45 | -17 | L | | YEL/SLATE |
| -21 | MW-14 | R(STA) | LINE-11 | BLU/VIO |
| -46 | -15 | T(STA) | | VIO/BLU |
| -22 | -16 | A | | ORN/VIO |
| -47 | -17 | L | | VIO/ORN |
| -23 | NW-14 | R(STA) | LINE-12 | GRN/VIO |
| -48 | -15 | T(STA) | | VIO/GRN |
| -24 | -16 | A | | BRN/VIO |
| -49 | -17 | L | | VIO/BRN |
| -25 | CW-11 | SP3 | | SLATE/VIO |
| -50 | DW-11 | SP4 | | VIO/SLATE |

Table 7-71. Bann Site - Telephone Equipment Bay Cable W17, 7052-5260

| From | To | Function | | Notes |
|----------|---------|----------|-----|-------|
| TB2-AW-1 | A10J5-1 | R1 | L-1 | BLU |
| -BW-1 | -26 | T1 | | WHT |
| -AW-2 | -2 | R | | ORN |
| -BW-2 | -27 | T | | WHT |
| -AW-3 | -3 | R1 | L-2 | GRN |
| -BW-3 | -28 | T1 | | WHT |
| -AW-4 | -4 | R | | BRN |
| -BW-4 | -29 | T | | WHT |
| -AW-5 | -5 | R1 | L-3 | SLATE |
| -BW-5 | -30 | T1 | | WHT |
| -AW-6 | -6 | R | | BLU |
| -BW-6 | -31 | T | | RED |
| -AW-7 | -7 | R1 | L-4 | ORN |
| -BW-7 | -32 | T1 | | RED |
| -AW-8 | -8 | R | | GRN |
| -BW-8 | -33 | T | | RED |
| -AW-9 | -9 | R1 | L-5 | BRN |
| -BW-9 | -34 | T1 | | RED |
| -AW-10 | -10 | R | | SLATE |
| -BW-10 | -35 | T | | RED |
| -AW-11 | -11 | R1 | L-6 | BLU |
| -BW-11 | -36 | T1 | | BLK |
| -AW-12 | -12 | R | | ORN |
| -BW-12 | -37 | T | | BLK |
| -AW-13 | -13 | R1 | L-7 | GRN |
| -BW-13 | -38 | T1 | | BLK |
| -AW-14 | -14 | R | | BRN |
| -BW-14 | -39 | T | | BLK |
| -AW-15 | -15 | R1 | L-8 | SLATE |
| -BW-15 | -40 | T1 | | BLK |
| -AW-16 | -16 | R | | BLU |
| -AW-16 | -41 | T | | YEL |

Table 7-71. Bann Site - Telephone Equipment Bay Cable W17, 7052-5260 (Cont.)

| From | To | Function | | Notes |
|-----------|----------|----------|------|-------|
| TB2-AW-17 | A10J5-17 | R1 | L-9 | ORN |
| -BW-17 | -42 | T1 | | YEL |
| -AW-T8 | -18 | R | | GRN |
| -BW-18 | -43 | T | | YEL |
| -AW-19 | -19 | R1 | L-10 | GRN |
| -BW-19 | -44 | T1 | | YEL |
| -AW-20 | -20 | R | | SLATE |
| -BW-20 | -45 | T | | YEL |
| -AW-21 | -21 | R1 | L-11 | BLU |
| -BW-21 | -46 | T1 | | VIO |
| -AW-22 | -22 | R | | ORN |
| -BW-22 | -47 | T | | VIO |
| -AW-23 | -23 | R1 | L-12 | GRN |
| -BW-23 | -48 | T1 | | VIO |
| -AW-24 | -24 | R | | BRN |
| -BW-24 | -49 | T | | VIO |
| -AW-25 | -25 | SP1 | | SLATE |
| -BW-25 | -50 | SP2 | | VIO |

Table 7-72. RF Equipment Bay Cable W18, 7052-5218 (All Sites Except Bann)

| From | To | Function | | Notes |
|-----------------|-------------------|-------------|---------------|------------------------|
| 1A10J4-1 -26 | 1TB1-AW-24 -25 | BR L | RADIO PATCH-1 | BLU/WHT WHT/BLU |
| -2 -27 | -BW-24 -25 | BR L | -2 | ORN/WHT WHT/ORN |
| -3 -28 | -CW-24 -25 | BR L | -3 | GRN/WHT WHT/GRN |
| -4 -29 | -DW-24 -25 | BR L | -4 | BRN/WHT WHT/BRN |
| -5 -30 | -EW-24 -25 | BR L | -5 | SLATE/WHT WHT/SLATE |
| -6 -31 | -FW-24 -25 | BR L | -6 | BLU/RED RED/BLU |
| -7 -32 | -HW-24 -25 | BR L | -7 | ORN/RED RED/ORN |
| -8 -33 | -JW-24 -25 | BR L | -8 | GRN/RED RED/GRN |
| -9 -34 | -KW-24 -25 | BR L | -9 | BRN/RED RED/BRN |
| -10 -35 | -LW-24 -25 | BR L | -10 | SLATE/RED RED/SLATE |
| -11 -36 | -MW-24 -25 | BR L | -11 | BLU/BLK BLK/BLU |
| -12 -37 | -NW-24 -25 | BR L | -12 | ORN/BLK BLK/ORN |
| -13 -38 | -AW-12 -BW-12 | RC5 RC4 | INTERCOM | GRN/BLK BLK/GRN |
| -14 -39 | -CW-12 -DW-12 | RING RC1 | - ICOM | BRN/BLK BLK/BRN |
| -15 -40 | -EW-12 -FW-12 | TIP RC2 | - ICOM | SLATE/BLK BLK/SLATE |
| -16 -41 | -HW-12 -JW-12 | L RC3 | INTERCOM | BLU/YEL YEL/BLU |

Table 7-72. RF Equipment Bay Cable W18, 7052-5218 (All Sites Except Bann)(Cont.)

| From | To | Function | Notes |
|-----------|------------|--------------|-----------|
| 1A10J4-17 | 1TB1-KW-12 | RC6 | ORN/YEL |
| -42 | -LW-12 | B1 | YEL/ORN |
| -18 | -MW-12 | L BRG LINE 1 | GRN/YEL |
| -43 | -NW-12 | L BRG LINE 2 | YEL/GRN |
| -19 | -AW-13 | LTS-1 | BRN/YEL |
| -44 | -BW-13 | LTS-2 | YEL/BRN |
| -20 | -CW-13 | 9 VAC | SLATE/YEL |
| -45 | -DW-13 | RG-RTN | YEL/SLATE |
| -21 | -EW-13 | SIG BATT RTN | BLU/VIO |
| -46 | -FW-13 | SIG BATT RTN | VIO/BLU |
| -22 | -HW-13 | SP-6 | ORN/VIO |
| -47 | -JW-13 | -7 | VIO/ORN |
| -23 | -KW-13 | -8 | GRN/VIO |
| -48 | -LW-13 | -9 | VIO/GRN |
| -24 | -AW-18 | LAMP GND-1 | BRN/VIO |
| -49 | -BW-18 | | VIO/BRN |
| -25 | -AW-26 | LAMP GND-2 | SLATE/VIO |
| -50 | -BW-26 | | VIO/SLATE |

Table 7-73. Bann Site - Telephone Equipment Bay Cable W18, 7052-5261

| From | To | Function | Notes |
|-------------------|----------------|------------------|--------------|
| TB2-CW-1 -DW-1 | A10J6-1 -26 | R(STA) T(STA) | BRN WHT |
| -CW-2 -DW-2 | -2 -27 | A L | ORN WHT |
| -CW-3 -DW-3 | -3 -28 | R(STA) T(STA) | GRN WHT |
| -CW-4 -DW-4 | -4 -29 | A L | BRN WHT |
| -CW-5 -DW-5 | -5 -30 | R(STA) T(STA) | SLATE WHT |
| -CW-6 -DW-6 | -6 -31 | A L | BLU RED |
| -CW-7 -DW-7 | -7 -32 | R(STA) T(STA) | ORN RED |
| -CW-8 -DW-8 | -8 -33 | A L | GRN RED |
| -CW-9 -DW-9 | -9 -34 | R(STA) T(STA) | BRN RED |
| -CW-10 -DW-10 | -10 -35 | A L | SLATE RED |
| -CW-11 -DW-11 | -11 -36 | R(STA) T(STA) | BLU BLK |
| -CW-12 -DW-12 | -12 -37 | A L | ORN BLK |
| -CW-13 -DW-13 | -13 -38 | R(STA) T(STA) | GRN BLK |
| -CW-14 -DW-14 | -14 -39 | A L | GRN BLK |
| -CW-15 -DW-15 | -15 -40 | R(STA) T(STA) | SLATE BLK |
| -CW-16 -DW-16 | -16 -41 | A L | BLU YEL |

Table 7-73. Bann Site - Telephone Equipment Bay Cable W18, 7052-5261 (Cont.)

| From | To | Function | Notes |
|-----------|----------|----------|-------|
| TB2-CW-17 | A10J6-17 | R(STA) | ORN |
| -DW-17 | -42 | T(STA) | YEL |
| -CW-18 | -18 | A | GRN |
| -DW-18 | -43 | L | YEL |
| -CW-19 | -19 | R(STA) | BRN |
| -DW-19 | -44 | T(STA) | YEL |
| -CW-20 | -20 | A | SLATE |
| -DW-20 | -45 | L | YEL |
| -CW-21 | -21 | R(STA) | BLU |
| -DW-21 | -46 | T(STA) | VIO |
| -CW-22 | -22 | A | ORN |
| -DW-22 | -47 | L | VIO |
| -CW-23 | -23 | R(STA) | GRN |
| -DW-23 | -48 | T(STA) | VIO |
| -CW-24 | -24 | A | BRN |
| -DW-24 | -49 | L | VIO |
| -CW-25 | -25 | SP3 | SLATE |
| -DW-25 | -50 | SP4 | VIO |

Table 7-74. RF Equipment Bay Cable W19, 7052-5219 (All Sites Except Bann)

| From | To | Function | Notes |
|---------|--------|------------------------|-----------|
| A10J7-1 | A7J1-1 | REC LEFT CHANNEL 'A' | BLU/WHT |
| -26 | -26 | REC LEFT CHANNEL 'A' | WHT/BLU |
| -2 | -2 | REC RIGHT CHANNEL 'A' | ORN/WHT |
| -27 | -27 | REC RIGHT CHANNEL 'A' | WHT/ORN |
| -3 | -3 | PLAY LEFT CHANNEL 'A' | GRN/WHT |
| -28 | -28 | PLAY LEFT CHANNEL 'A' | WHT/GRN |
| -4 | -4 | PLAY RIGHT CHANNEL 'A' | BRN/WHT |
| -29 | -29 | PLAY RIGHT CHANNEL 'A' | WHT/BRN |
| -5 | -5 | REC LEFT CHANNEL 'B' | SLATE/WHT |
| -30 | -30 | REC LEFT CHANNEL 'B' | WHT/SLATE |
| -6 | -6 | REC RIGHT CHANNEL 'B' | BLU/RED |
| -31 | -31 | REC RIGHT CHANNEL 'B' | RED/BLU |
| -7 | -7 | PLAY LEFT CHANNEL 'B' | ORN/RED |
| -32 | -32 | PLAY LEFT CHANNEL 'B' | RED/ORN |
| -8 | -8 | PLAY RIGHT CHANNEL 'B' | GRN/RED |
| -33 | -33 | PLAY RIGHT CHANNEL 'B' | RED/GRN |
| -9 | -9 | | BRN/RED |
| -34 | -34 | | RED/BRN |
| -10 | -10 | | SLATE/RED |
| -35 | -35 | | RED/SLATE |
| -11 | -11 | | BLU/BLK |
| -36 | -36 | | BLK/BLU |
| -12 | -12 | | ORN/BLK |
| -37 | -37 | | BLK/ORN |
| -13 | -1 | REC LEFT CHANNEL 'A' | BLU/WHT |
| -38 | -26 | REC LEFT CHANNEL 'A' | WHT/BLU |
| -14 | -2 | REC RIGHT CHANNEL 'A' | ORN/WHT |
| -39 | -27 | REC RIGHT CHANNEL 'A' | WHT/ORN |
| -15 | -3 | PLAY LEFT CHANNEL 'A' | GRN/WHT |
| -40 | -28 | PLAY LEFT CHANNEL 'A' | WHT/GRN |
| -16 | -4 | PLAY RIGHT CHANNEL 'A' | BRN/WHT |
| -41 | -29 | PLAY RIGHT CHANNEL 'A' | WHT/BRN |

Table 7-74. RF Equipment Bay Cable W19, 7052-5219 (All Sites Except Bann) (Cont.)

| From | To | Function | Notes |
|-----------|---------|------------------------|-----------|
| 1A10J7-17 | 1A7P1-5 | PLAY LEFT CHANNEL 'B' | SLATE/WHT |
| -42 | -30 | PLAY LEFT CHANNEL 'B' | WHT/SLATE |
| -18 | -6 | REC RIGHT CHANNEL 'B' | BLU/RED |
| -43 | -31 | REC RIGHT CHANNEL 'B' | RED/BLU |
| -19 | -7 | PLAY LEFT CHANNEL 'B' | ORN/RED |
| -44 | -32 | PLAY LEFT CHANNEL 'B' | RED/ORN |
| -20 | -8 | PLAY RIGHT CHANNEL 'B' | GRN/RED |
| -45 | -33 | PLAY RIGHT CHANNEL 'B' | RED/GRN |
| -21 | -9 | | BRN/RED |
| -46 | -34 | | RED/BRN |
| -22 | -10 | | SLATE/RED |
| -47 | -35 | | RED/SLATE |
| -23 | -11 | | BLU/BLK |
| -48 | -34 | | BLK/BLU |
| -24 | -12 | | ORN/BLK |
| -49 | -35 | | BLK/ORN |
| -25 | -13 | | GRN/BLK |
| -50 | -36 | | BLK/GRN |

Table 7-75. Bann Site - Telephone Equipment Bay Cable W19, 7052-5262

| From | To | Function | Notes |
|-------------------|----------------|------------------------|--------------|
| TB2-EW-1 -FW-1 | A10J7-1 -26 | BR RADIO PATCH-1 L | BLU WHT |
| -EW-2 -FW-2 | -2 -27 | BR RADIO PATCH-2 L | ORN WHT |
| -EW-3 -FW-3 | -3 -28 | BR RADIO PATCH-3 L | GRN WHT |
| -EW-4 -FW-4 | -4 -29 | BR RADIO PATCH-4 L | BRN WHT |
| -EW-5 -FW-5 | -5 -30 | BR RADIO PATCH-5 L | SLATE WHT |
| -EW-6 -FW-6 | -6 -31 | BR RADIO PATCH-6 L | BLU RED |
| -EW-7 -FW-7 | -7 -32 | BR RADIO PATCH-7 L | ORN RED |
| -EW-8 -FW-8 | -8 -33 | BR RADIO PATCH-8 L | GRN RED |
| -EW-9 -FW-9 | -9 -34 | BR RADIO PATCH-9 L | BRN RED |
| -EW-10 -FW-10 | -10 -35 | BR RADIO PATCH-10 L | SLATE RED |
| -EW-11 -FW-11 | -11 -36 | BR RADIO PATCH-11 L | BLU BLK |
| -EW-12 -FW-12 | -12 -37 | BR RADIO PATCH-12 L | ORN BLK |
| -EW-13 -FW-13 | -13 -38 | RC5 RC4 | GRN BLK |
| -EW-14 -FW-14 | -14 -39 | RING RC1 | BRN BLK |
| -EW-15 -FW-15 | -15 -40 | TIP RC2 | SLATE BLK |
| -EW-16 -FW-16 | -16 -41 | L RC3 | BLU YEL |

Table 7-75. Bann Site - Telephone Equipment Bay Cable W19, 7052-5262 (Cont.)

| From | To | Function | Notes |
|-----------|----------|--------------|-------|
| TB2-EW-17 | A10J7-17 | RCC | ORN |
| -FW-17 | -42 | B1 | YEL |
| -EW-18 | -18 | L ERG LINE 1 | GRN |
| -FW-18 | -43 | L ERG LINE 2 | YEL |
| -EW-19 | -19 | LTS 1 | GRN |
| -FW-19 | -44 | LTS 2 | YEL |
| -EW-20 | -20 | 10 VAC | SLATE |
| -FW-20 | -45 | RG - RTN | YEL |
| -EW-21 | -21 | SIG BATT RTN | BLU |
| -FW-21 | -46 | SIG BATT RTN | VIO |
| -EW-22 | -22 | SP-6 | ORN |
| -FW-22 | -47 | SP-7 | VIO |
| -EW-23 | -23 | SP-8 | GRN |
| -FW-23 | -48 | SP-9 | VIO |
| -EW-24 | -24 | LAMP GNO 1 | BRN |
| -FW-24 | -49 | | VIO |
| -EW-25 | -25 | LAMP GNO 2 | SLATE |
| -FW-25 | -50 | | VIO |

Table 7-76. RF Equipment Bay Cable W20, 7052-5220 (All Sites Except Bann)

| From | To | Function | Notes |
|-----------|----------|----------|----------|
| 1TB2-AS-1 | 1A10J8-1 | | BLK } PR |
| BS-1 | J8-9 | | RED } PR |
| CS-1 | J8-2 | | BLK } PR |
| DS-1 | J8-10 | | WHT } PR |
| AS-2 | J8-3 | | BLK } PR |
| BS-2 | J8-11 | | GRN } PR |
| CS-2 | J8-4 | | BLK } PR |
| DS-2 | J8-12 | | BLU } PR |
| ES-5 | J8-5 | | BLK } PR |
| FS-5 | J8-13 | | YEL } PR |
| ES-6 | J8-6 | | BLK } PR |
| FS-6 | J8-14 | | BRN } PR |
| AS-3 | J9-1 | | BLK } PR |
| BS-3 | J9-9 | | ORN } PR |
| CS-3 | J9-2 | | RED } PR |
| DS-3 | J9-10 | | WHT } PR |
| AS-3 | J9-3 | | RED } PR |
| BS-4 | J9-11 | | GRN } PR |
| CS-4 | J9-4 | | RED } PR |
| DS-4 | J9-12 | | BLU } PR |
| ES-7 | J9-5 | | RED } PR |
| FS-7 | J9-13 | | YEL } PR |
| ES-8 | J9-6 | | RED } PR |
| FS-8 | J9-14 | | BRN } PR |
| AS-5 | J10-1 | | GRN } PR |
| BS-5 | J10-9 | | WHT } PR |
| CS-8 | J10-2 | | GRN } PR |
| DS-5 | J10-11 | | BLU } PR |
| AS-6 | J10-3 | | GRN } PR |
| BS-6 | J10-11 | | YEL } PR |
| CS-6 | J10-4 | | GRN } PR |
| DS-6 | J10-12 | | BRN } PR |

Table 7-76. RF Equipment Bay Cable W20, 7052-5220 (All Sites Except Bann)(Cont.)

| From | To | Function | Notes |
|------------------------------|------------------------------------|----------|--------------------------|
| 1TB2-ES-9 FS-9 | 1A10J10-5 J10-13 | | GRN } ORN } PR |
| ES-10 FS-10 | J10-6 J10-14 | | WHT } BLU } PR |
| AS-7 BS-7 | J11-1 J11-9 | | WHT } YEL } PR |
| CS-7 DS-7 | J11-2 J11-10 | | WHT } BRN } PR |
| AS-8 BS-8 | J11-3 J10-1 | | WHT } ORN } PR |
| CS-8 DS-8 | J10-4 J10-12 | | BLU } YEL } PR |
| ES-11 FS-11 | J11-5 J11-13 | | BLU } BRN } PR |
| ES-12 FS-12 | J11-6 J11-14 | | BLU } ORN } PR |
| ES-1 ES-2 ES-3 ES-4 | J8-15 J9-15 J10-15 J11-15 | | BLK BRN RED ORN |

Table 7-77. Bann Site - Telephone Equipment Bay Cable W20, 7052-5263

| From | To | Function | | Notes |
|----------|---------|----------|-----|-------|
| TB2-AW-1 | A10J9-1 | R1 | L-1 | BLU |
| -BW-1 | -26 | T1 | | WHT |
| -AW-2 | -2 | R | | ORN |
| -BW-2 | -27 | T | | WHT |
| -AW-3 | -3 | R1 | L-2 | GRN |
| -BW-3 | -28 | T1 | | WHT |
| -AW-4 | -4 | R | | BRN |
| -BW-4 | -29 | T | | WHT |
| -AW-5 | -5 | R1 | L-3 | SLATE |
| -BW-5 | -30 | T1 | | WHT |
| -AW-6 | -6 | R | | BLU |
| -BW-6 | -31 | T | | RED |
| -AW-7 | -7 | R1 | L-4 | ORN |
| -BW-7 | -32 | T1 | | RED |
| -AW-8 | -8 | R | | GRN |
| -BW-8 | -33 | T | | RED |
| -AW-9 | -9 | R1 | L-5 | BRN |
| -BW-9 | -34 | T1 | | RED |
| -AW-10 | -10 | R | | SLATE |
| -BW-10 | -35 | T | | RED |
| -AW-11 | -11 | R1 | L-6 | BLU |
| -BW-11 | -36 | T1 | | BLK |
| -AW-12 | -12 | R | | ORN |
| -BW-12 | -37 | T | | BLK |
| -AW-13 | -13 | R1 | L-7 | GRN |
| -BW-13 | -38 | T1 | | BLK |
| -AW-14 | -14 | R | | BRN |
| -BW-14 | -39 | T | | BLK |
| -AW-15 | -15 | R1 | L-8 | SLATE |
| -BW-15 | -40 | T1 | | BLK |
| -AW-16 | -16 | R | | BLU |
| -BW-16 | -41 | T | | YEL |

Table 7-77. Bann Site - Telephone Equipment Bay Cable W20, 7052-5263 (Cont.)

| From | To | Function | | Notes |
|-----------|----------|----------|------|-------|
| TB2-AW-17 | A10J9-17 | R1 | L-9 | ORN |
| -BW-17 | -42 | T1 | | YEL |
| -AW-18 | -18 | R | | GRN |
| -BW-18 | -43 | T | | YEL |
| -AW-19 | -19 | R1 | L-10 | GRN |
| -BW-19 | -44 | T1 | | YEL |
| -AW-20 | -20 | R | | SLATE |
| -BW-20 | -45 | T | | YEL |
| -AW-21 | -21 | R1 | L-11 | BLU |
| -BW-21 | -46 | T1 | | VIO |
| -AW-22 | -22 | R | | ORN |
| -BW-22 | -47 | T | | VIO |
| -AW-23 | -23 | R1 | L-12 | GRN |
| -BW-23 | -48 | T1 | | VIO |
| -AW-24 | -24 | R | | BRN |
| -BW-24 | -49 | T | | VIO |
| -AW-25 | -25 | SP1 | | SLATE |
| -BW-25 | -50 | SP2 | | VIO |

Table 7-78. RF Equipment Bay Cable W21, 7052-5221 (All Sites Except Bann)

| From | To | Function | | Notes |
|------|-----|---|--|-------|
| PS-2 | 1A9 | Power Supply Cable-Terminals Unnomenclated | | |

Table 7-79. Bann Site - Telephone Equipment Bay Cable W21, 7052-5264

| From | To | Function | Notes |
|-------------------|-----------------|------------------|--------------|
| TB2-CW-1 -DW-1 | A10J10-1 -26 | R(STA) T(STA) | BLU WHT |
| -CW-2 -DW-2 | -2 -27 | A L | ORN WHT |
| -CW-3 -DW-3 | -3 -28 | R(STA) T(STA) | GRN WHT |
| -CW-4 -DW-4 | -4 -29 | A L | BRN WHT |
| -CW-5 -DW-5 | -5 -30 | R(STA) T(STA) | SLATE WHT |
| -CW-6 -DW-6 | -6 -31 | A L | BLU RED |
| -CW-7 -DW-7 | -7 -32 | R(STA) T(STA) | ORN RED |
| -CW-8 -DW-8 | -8 -33 | A L | GRN RED |
| -CW-9 -DW-9 | -9 -34 | R(STA) T(STA) | BRN RED |
| -CW-10 -DW-10 | -10 -35 | A L | SLATE RED |
| -CW-11 -DW-11 | -11 -36 | R(STA) T(STA) | BLU BLK |
| -CW-12 -DW-12 | -12 -37 | A L | ORN BLK |
| -CW-13 -DW-13 | -13 -38 | R(STA) T(STA) | GRN BLK |
| -CW-14 -DW-14 | -14 -39 | A L | BRN BLK |
| -CW-15 -DW-15 | -15 -40 | R(STA) T(STA) | SLATE BLK |
| -CW-16 -DW-16 | -16 -41 | A L | BLU YEL |

Table 7-79. Bann Site - Telephone Equipment Bay Cable W21, 7052-5264 (Cont.)

| From | To | Function | Notes |
|-----------|-----------|----------|-------|
| TB2-CW-17 | A10J10-17 | R(STA) | ORN |
| -DW-17 | -42 | T(STA) | YEL |
| -CW-18 | -18 | A | GRN |
| -DW-18 | -43 | L | YEL |
| -CW-19 | -19 | R(STA) | GRN |
| -DW-19 | -44 | T(STA) | YEL |
| -CW-20 | -20 | A | SLATE |
| -DW-20 | -45 | L | YEL |
| -CW-21 | -21 | R(STA) | BLU |
| -DW-21 | -46 | T(STA) | VIO |
| -CW-22 | -22 | A | ORN |
| -DW-22 | -47 | L | VIO |
| -CW-23 | -23 | R(STA) | GRN |
| -DW-23 | -48 | T(STA) | VIO |
| -CW-24 | -24 | A | BRN |
| -DW-24 | -49 | L | VIO |
| -CW-25 | -25 | SP3 | SLATE |
| -DW-25 | -50 | SP4 | VIO |

Table 7-80. RF Equipment Bay Cable W22, 7052-5222 (All Sites Except Bann)

| From | To | Function | Notes |
|------------|------------|----------|-------|
| 1TB2-ES-13 | 1A10 J12-5 | | BLK |
| -14 | J13-5 | | RED |
| -15 | J14-5 | | WHT |
| -16 | J15-5 | | GRN |
| -17 | J16-5 | | ORN |
| -18 | J17-5 | | BLU |
| -19 | J18-5 | | BRN |
| -20 | J19-5 | | YEL |
| -21 | J20-5 | | VIO |
| -22 | J21-5 | | GREY |
| -23 | J22-5 | | PINK |
| -24 | J23-5 | | TAN |

Table 7-81. Bann Site - Telephone Equipment Bay Cable W22, 7052-5265

| From | To | Function | | Notes |
|-------------------|-----------------|-------------|------------------|--------------|
| TB2-EW-1 -FW-1 | A10J11-1 -26 | BR L | RADIO PATCH - 1 | BLU WHT |
| -EW-2 -FW-2 | -2 -27 | BR L | RADIO PATCH - 2 | ORN WHT |
| -EW-3 -FW-3 | -3 -28 | BR L | RADIO PATCH - 3 | GRN WHT |
| -EW-4 -FW-4 | -4 -29 | BR L | RADIO PATCH - 4 | BRN WHT |
| -EW-5 -FW-5 | -5 -30 | BR L | RADIO PATCH - 5 | SLATE WHT |
| -EW-6 -FW-6 | -6 -31 | BR L | RADIO PATCH - 6 | BLU RED |
| -EW-7 -FW-7 | -7 -32 | BR L | RADIO PATCH - 7 | ORN RED |
| -EW-8 -FW-8 | -8 -33 | BR L | RADIO PATCH - 8 | GRN RED |
| -EW-9 -FW-9 | -9 -34 | BR L | RADIO PATCH - 9 | BRN RED |
| -EW-10 -FW-10 | -10 -35 | BR L | RADIO PATCH - 10 | SLATE RED |
| -EW-11 -FW-11 | -11 -36 | BR L | RADIO PATCH - 11 | BLU BLK |
| -EW-12 -FW-12 | -12 -37 | BR L | RADIO PATCH - 12 | ORN BLK |
| -EW-13 -FW-13 | -13 -38 | RC5 RC4 | | GRN BLK |
| -EW-14 -FW-14 | -14 -39 | RING RC1 | | BRN BLK |
| -EW-15 -FW-15 | -15 -40 | TIP RC2 | | SLATE BLK |
| -EW-16 -FW-16 | -16 -41 | L RC3 | | BLU YEL |

Table 7-81. Bann Site - Telephone Equipment Bay Cable W22, 7052-5265 (Cont.)

| From | To | Function | Notes |
|---------------------|-------------------|------------------------------|--------------|
| TB2-EW-17 -FW-17 | A110J11-17 -42 | RCC B1 | ORPN YEL |
| -EW-18 -FW-18 | -18 -43 | L ERG LINE 1 L ERG LINE 2 | GRN YEL |
| -EW-19 -FW-19 | -19 -44 | LTS 1 LTS 2 | GRN YEL |
| -EW-20 -FW-20 | -20 -45 | 10 VAC RG--RTN | SLATE YEL |
| -EW-21 -FW-21 | -21 -46 | SIG BATT RTN SIG BATT RTN | BLU VIO |
| -EW-22 -FW-22 | -22 -47 | SP-6 SP-7 | ORN VIO |
| -EW-23 -FW-23 | -23 -48 | SP-8 SP-9 | GRN VIO |
| -EW-24 -FW-24 | -24 -49 | LAMP GNO 1 | BRN VIO |
| -EW-25 -FW-25 | -25 -50 | LAMP GNO 2 | SLATE VIO |

Table 7-82. RF Equipment Bay Cable W23, 7052-5223, (All Sites)

| From | To | Function | Notes |
|-----------------|---------------|----------|------------------------|
| 1TB1-AW-3 -7 | 1A3J7-3 -5 | R1 T1 | BLU/WHT WHT/BLU |
| BW-3 -7 | -21 -23 | R1 T1 | ORN/WHT WHT/ORN |
| CW-3 -7 | -45 -47 | R1 T1 | GRN/WHT WHT/GRN |
| DW-3 -7 | 1A3J8-3 -5 | R1 T1 | BRN/WHT WHT/BRN |
| EW-3 -7 | -21 -23 | R1 T1 | SLATE/WHT WHT/SLATE |
| FW-3 -7 | -45 -47 | R1 T1 | BLU/RED RED/BLU |
| HW-3 -7 | 1A3J9-3 -5 | R1 T1 | ORN/RED RED/ORN |
| JW-3 -7 | -21 -23 | R1 T1 | GRN/RED RED/GRN |
| KW-3 -7 | -45 -47 | R1 T1 | BRN/RED RED/BRN |
| LW-3 -7 | A5J10-3 -5 | R1 T1 | SLATE/RED RED/SLATE |
| MW-3 -7 | -21 -23 | R1 T1 | BLU/BLK BLK/BLU |
| NW-3 -7 | -45 -47 | R1 T1 | ORN/BLK BLK/ORN |
| AW-4 -8 | 1A5J1-8 -9 | R T | GRN/BLK BLK/GRN |
| BW-4 -8 | J2-8 -9 | R T | BRN/BLK BLK/BRN |
| CW-4 -8 | J3-8 -9 | R T | SLATE/BLK BLK/SLATE |
| DW-4 -8 | J4-8 -9 | R T | BLU/YEL YEL/BLU |

Table 7-82. RF Equipment Bay Cable W23, 7052-5223 (All Sites) (Cont.)

| From | To | Function | Notes |
|-----------------|-----------------|----------|--|
| 1TB1-EW-4 -8 | 1A5J5-8 J5-9 | R T | ORN/YEL YEL/ORN |
| FW-4 -8 | J6-8 J6-9 | R T | GRN/YEL YEL/GRN |
| HW-4 -8 | J7-8 J7-9 | R T | BRN/YEL YEL/BRN |
| JW-4 -8 | J8-8 J8-9 | R T | SLATE/YEL YEL/SLATE |
| KW-4 -8 | J9-8 J9-9 | R T | BLU/VIO VIO/BLU |
| LW-4 -8 | J10-8 J10-9 | R T | ORN/VIO VIO/ORN |
| MW-4 -8 | J11-8 J11-9 | R T | GRN/VIO VIO/GRN |
| NW-4 -8 | J12-8 J12-9 | R T | BRN/VIO VIO/BRN SLATE/VIO VIO/SLATE |

Table 7-83. RF Equipment Bay Cable W24, 7052-5224 (All Sites Except Bann)

| From | To | Function | | Notes |
|---------------------|---------------|----------|--------|------------------------|
| * | * | | | BLU/WHT |
| * | * | | | WHT/BLU |
| * | * | | | ORN/WHT |
| * | * | | | WHT/ORN |
| * | * | | | GRN/WHT |
| * | * | | | WHT/GRN |
| * | * | | | BRN/WHT |
| * | * | | | WHT/BRN |
| * | * | | | SLATE/WHT |
| * | * | | | WHT/SLATE |
| * | * | | | BLU/RED |
| * | * | | | RED/BLU |
| * | * | | | ORN/RED |
| * | * | | | RED/ORN |
| * | * | | | GRN/RED |
| * | * | | | RED/GRN |
| * | * | | | BRN/RED |
| * | * | | | RED/BRN |
| * | * | | | SLATE/RED |
| * | * | | | RED/SLATE |
| * | * | | | BLU/BLK |
| * | * | | | BLK/BLU |
| * | * | | | ORN/BLK |
| * | * | | | BLK/ORN |
| * | * | | | GRN/BLK |
| * | * | | | BLK/GRN |
| 1TB2-CW-14 DW-14 | 1A4J-10 -2 | M E | LINE 1 | BRN/BLK BLK/BRN |
| CW-15 DW-15 | J2-10 -2 | M E | LINE 2 | SLATE/BLK BLK/SLATE |
| * TIE BACK | | | | |

Table 7-83. RF Equipment Bay Cable W24, 7052-5224 (All Sites Except Bann) (Cont.)

| From | To | Function | | Notes |
|---------------------|----------------|----------|---------|------------------------|
| 1TB2-CW-17 DW-17 | 1A4J4-10 -2 | M E | LINE-4 | ORN/YEL YEL/ORN |
| CW-18 DW-18 | J5-10 -2 | M E | LINE-5 | GRN/YEL YEL/GRN |
| CW-19 DW-19 | J6-10 -2 | M E | LINE-6 | BRN/YEL YEL/BRN |
| CW-20 DW-20 | J7-10 -2 | M E | LINE-7 | SLATE/YEL YEL/SLATE |
| CW-21 DW-21 | J8-10 -2 | M E | LINE-8 | BLU/VIO VIO/BLU |
| CW-22 DW-22 | J9-10 -2 | M E | LINE-9 | ORN/VIO VIO/ORN |
| CW-23 DW-23 | J10-10 -2 | M E | LINE-10 | GRN/VIO VIO/GRN |
| CW-24 DW-24 | J11-10 -2 | M E | LINE-11 | BRN/VIO VIO/BRN |
| CW-25 DW-25 | J12-10 -2 | M E | LINE-12 | SLATE/VIO VIO/SLATE |

Table 7-84. Bann Site - RF Equipment Bay Cable W24, 7052-52661

| From | To | Function | | Notes |
|---------------|--------------------|----------|--------|------------------------|
| A6P2-1 -26 | TIEBACK TIEBACK | | | BLU/WHT WHT/BLU |
| -2 -27 | TIEBACK TIEBACK | | | ORN/WHT WHT/ORN |
| -3 -28 | TIEBACK TIEBACK | | | GRN/WHT WHT/GRN |
| -4 -29 | TIEBACK TIEBACK | | | BRN/WHT WHT/BRN |
| -5 -30 | TIEBACK TIEBACK | | | SLATE/WHT WHT/SLATE |
| -6 -31 | TIEBACK TIEBACK | | | BLU/RED RED/BLU |
| -7 -32 | TIEBACK TIEBACK | | | ORN/RED RED/ORN |
| -8 -33 | TIEBACK TIEBACK | | | GRN/RED RED/GRN |
| -9 -34 | TIEBACK TIEBACK | | | BRN/RED RED/BRN |
| -10 -35 | TIEBACK TIEBACK | | | SLATE/RED RED/SLATE |
| -11 -36 | TIEBACK TIEBACK | | | BLU/BLK BLK/BLU |
| -12 -37 | TIEBACK TIEBACK | | | ORN/BLK BLK/ORN |
| -13 -38 | TIEBACK TIEBACK | | | GRN/BLK BLK/GRN |
| -14 -39 | A4J1-10 A4J1-2 | M E | LINE-1 | BRN/BLK BLK/BRN |
| -15 -40 | A4J2-10 A4J2-2 | M E | LINE-2 | SLATE/BLK BLK/SLATE |
| -16 -41 | A4J3-10 A4J3-2 | M E | LINE-3 | BLU/YEL YEL/BLU |

Table 7-84. Bann Site - RF Equipment Bay Cable W24, 7952-5266 (Cont.)

| From | To | Function | | Notes |
|---------|----------|----------|---------|-----------|
| A6P2-17 | A4J4-10 | M | LINE-4 | ORN/YEL |
| -42 | A4J4-2 | E | | YEL/ORN |
| -18 | A4J5-10 | M | LINE-5 | GRN/YEL |
| -43 | A4J5-2 | E | | YEL/GRN |
| -19 | A4J6-10 | M | LINE-6 | BRN/YEL |
| -44 | A4J6-2 | E | | YEL/BRN |
| -20 | A4J7-10 | M | LINE-7 | SLATE/YEL |
| -45 | A4J7-2 | E | | YEL/SLATE |
| -21 | A4J8-10 | M | LINE-8 | BLU/VIO |
| -46 | A4J8-2 | E | | VIO/BLU |
| -22 | A4J9-10 | M | LINE-9 | ORN/VIO |
| -47 | A4J9-2 | E | | VIO/ORN |
| -23 | A4J10-10 | M | LINE-10 | GRN/VIO |
| -48 | A4J10-2 | E | | VIO/GRN |
| -24 | A4J11-10 | M | LINE-11 | BRN/VIO |
| -49 | A4J11-2 | E | | VIO/BRN |
| -25 | A4J12-10 | M | LINE-12 | SLATE/VIO |
| -50 | A4J12-2 | E | | VIO/SLATE |

Table 7-85. RF Equipment Bay Cable W25, 7052-5225 (All Sites)

| From | To | Function | | Notes |
|------------|----------|----------|--------|-----------|
| 1A10-J1-41 | 1A4-J1-2 | E | LINE 1 | BLU/WHT |
| -43 | J2-2 | E | 2 | WHT/BLU |
| -46 | J3-2 | E | 3 | ORN/WHT |
| -45 | J4-2 | E | 4 | WHT/ORN |
| J3-41 | J5-2 | E | 5 | GRN/WHT |
| -43 | J6-2 | E | 6 | WHT/GRN |
| -46 | J7-2 | E | 7 | BRN/WHT |
| -45 | J8-2 | E | 8 | WHT/BRN |
| J5-41 | J9-2 | E | 9 | SLATE/WHT |
| -43 | J10-2 | E | 10 | WHT/SLATE |
| -46 | J11-2 | E | 11 | BLU/RED |
| -45 | J12-2 | E | 12 | RED/BLU |

Table 7-86. RF Equipment Bay Cable W26, 7052,5226 (All Sites)

| From | To | Function | Notes |
|----------|-----------|------------------------|-----------|
| IA3J7-18 | TB1-AW-25 | LAMP CNTL - RADIO LN-1 | BLU/WHT |
| -36 | BW-25 | 2 | WHT/BLU |
| -44 | CW-25 | 3 | ORN/WHT |
| J8-18 | DW-25 | 4 | WHT/ORN |
| -36 | EW-25 | 5 | GRN/WHT |
| -44 | FW-25 | 6 | WHT/GRN |
| J9-18 | HW-25 | 7 | BRN/WHT |
| -36 | JW-25 | 8 | WHT/BRN |
| -44 | KW-25 | 9 | SLATE/WHT |
| J10-18 | LW-25 | 10 | WHT/SLATE |
| -36 | MW-25 | 11 | BLU/RED |
| -44 | NW-25 | 12 | RED/BLU |
| J7-16 | AW-17 | LAMP CNTL - TEL LN-1 | ORN/RED |
| -34 | BW-17 | 2 | RED/ORN |
| -42 | CW-17 | 3 | GRN/RED |
| J8-16 | DW-17 | 4 | RED/GRN |
| -34 | EW-17 | 5 | BRN/RED |
| -42 | FW-17 | 6 | RED/BRN |
| J9-16 | HW-17 | 7 | SLATE/RED |
| -34 | JW-17 | 8 | RED/SLATE |
| -42 | KW-17 | 9 | BLU/BLK |
| J10-46 | LW-17 | 10 | BLK/BLU |
| -34 | MW-17 | 11 | ORN/BLK |
| -42 | NW-17 | 12 | BLK/ORN |
| 1A2J6-1 | AW-13 | LAMP TEST SWITCH-1 | GRN/BLK |
| J7-1 | BW-13 | LAMP TEST SWITCH-2 | BLK/GRN |
| 1A3J7-1 | AW-24 | BR - 1 | BRN/BLK |
| -35 | BW-24 | - 2 | BLK/BRN |
| -39 | CW-24 | - 3 | SLATE/BLK |
| J8-1 | DW-24 | - 4 | BLK/SLATE |
| -35 | EW-24 | - 5 | BLU/YEL |
| -30 | FW-24 | - 6 | YEL/BLU |

Table 7-86. RF Equipment Bay Cable W26, 7052-5226 (All Sites) (Cont.)

| From | To | Function | Notes |
|----------|-----------|----------|---------|
| 1A3-J9-1 | TB1-HW-24 | BR - 7 | ORN/YEL |
| -35 | JW-24 | - 8 | YEL/ORN |
| -39 | KW-24 | - 9 | GRN/YEL |
| J10-1 | LW-24 | - 10 | YEL/GRN |
| -35 | MW-24 | - 11 | BRN/YEL |
| -39 | NW-24 | - 12 | YEL/BRN |

Table 7-87. RF Equipment Bay Cable W27, 7052-5227 (All Sites)

| From | To | Function | | Notes |
|-------------------|----------------|----------|--------------|------------------------|
| 1TB1-AW-1 AW-5 | 1A4J1-3 -4 | R T | LINE-1 | BLU/WHT WHT/BLU |
| BW-1 -5 | J2-3 -4 | R T | 2 | ORN/WHT WHT/ORN |
| CW-1 -5 | J3-3 -4 | R T | 3 | GRN/WHT WHT/GRN |
| DW-1 -5 | J4-3 -4 | R T | 4 | BRN/WHT WHT/BRN |
| EW-1 -5 | J5-3 -4 | R T | 5 | SLATE/WHT WHT/SLATE |
| FW-1 -5 | J6-3 -4 | R T | 6 | BLU/RED RED/BLU |
| HW-1 -5 | J7-3 -4 | R T | 7 | ORN/RED RED/ORN |
| JW-1 -5 | J8-3 -4 | R T | 8 | GRN/RED RED/GRN |
| KW-1 -5 | J9-3 -4 | R T | 9 | BRN/RED RED/BRN |
| LW-1 -5 | J10-3 -4 | R T | 10 | SLATE/RED RED/SLATE |
| MW-1 -5 | J11-3 -4 | R T | 11 | BLU/BLK BLK/BLU |
| NW-1 -5 | J12-3 -4 | R T | 12 | ORN/BLK BLK/ORN |
| AW-10 BW-10 | J1-10 J2-10 | M M | LINE- 1 2 | GRN/BLK BLK/GRN |
| CW-10 DW-10 | J3-10 J4-10 | M M | 3 4 | BRN/BLK BLK/BRN |
| EW-10 FW-10 | J5-10 J6-10 | M M | 5 6 | SLATE/BLK BLK/SLATE |
| HW-10 JW-10 | J7-10 J8-10 | M M | 7 8 | BLU/YEL YEL/BLU |

Table 7-87. RF Equipment Bay Cable W27, 7052-5227 (All Sites) (Cont.)

| From | To | Function | | Notes |
|------------|----------|----------------------|---------|-----------|
| ITB1-KW-10 | 1A4J9-10 | M | LINE- 9 | ORN/YEL |
| LW-10 | J10-10 | M | 10 | YEL/ORN |
| MW-10 | J11-10 | M | 11 | GRN/YEL |
| NW-10 | J12-10 | M | 12 | YEL/GRN |
| AW-9 | 1A2J2-12 | TIM | 1 | BRN/YEL |
| BW-9 | -11 | TIM | 2 | YEL/BRN |
| CW-9 | -32 | TIM | 3 | SLATE/YEL |
| DW-9 | -31 | TIM | 4 | YEL/SLATE |
| EW-9 | | TIM | 5 | BLU/VIO |
| FW-9 | -45 | TIM | 6 | VIO/BLU |
| HW-9 | J4-12 | TIM | 7 | ORN/VIO |
| JW-9 | -11 | TIM | | |
| KW-9 | -32 | TIM | 9 | GRN/VIO |
| LW-9 | -31 | TIM | 10 | VIO/GRN |
| MW-9 | J7-50 | TIM | 11 | BRN/VIO |
| NW-9 | -45 | TIM | 12 | VIO/BRN |
| HW-12 | J7-42 | LAMP TEST INCOM | | SLATE/VIO |
| MW-12 | -44 | LAMP TEST BRG LINE-1 | | VIO/SLATE |

Table 7-88. RF Equipment Bay Cable W28, 7052-5228 (All Sites)

| From | To | Function | Notes |
|------------|-------------|----------------------|---------|
| 1PS2-AB | 1A9-AB | TALK BATTERY -24 V | WHT |
| -BB | -BB | SIG BATTERY -24 V | RED-YEL |
| -LB (UPPR) | -LB (UPPR) | LAMP BATTERY 9 VAC | YEL |
| -LB (LOWR) | -LB (LOWR) | LAMP BATTERY 9 VAC | GRN |
| -RB-RB-27 | | RINGING 90 VAC | ORN |
| -AG | -AG | T.B. GND. | LT BRN |
| -BG | -BG | S.B. GND. | GRY |
| -LG (UPPR) | -LG (LEFT) | L.B. GND. | |
| -LG (LOWR) | -LG (RIGHT) | L.B. GND. | VIO |
| -RG | -RG | RINGING GND. | DK BRN |
| | | ALPHA 1181/15 | |
| | | W/ LUGS ON BOTH ENDS | |

Table 7-89. RF Equipment Bay Cable W29, 7052-5229 (All Sites)

| From | To | Function | Notes |
|----------------------------|-------------------|------------------------|--------------------|
| 1PS1-MINUS(-) -PLUS (+) | 1A4J12-L -A | -48 VDC GND | RED BLK |
| 1PS2-RB -RG | 1A3J6-9 -7 | RINGING GEN GEN RTN | ORG DK BRN |
| -AB -AG | 1A5J12-L -A | -24 VDC TALK GND | WHT GRY |
| -BB -BG | 1A2J6-37 J11-1 | -24 VDC SIGNAL GND | YEL GRY |
| -LB(UPPR) -LG(UPPR) | 1A3J7-12 J11-1 | LAMP 9 VAC 1 LG | YEL BLU |
| -LB(LOWR) -LG(LOWR) | J7-14 J11-5 | LAMP 9 VAC 2 LG | GRN VIO |
| -BZ -BZG | 1A2J11-5 -9 | BZ BZG | RED/GRN RED/BLK |
| LUGS | SOLDER | ALPHA 11 81/15 | |

Table 7-90. RF Equipment Bay Cable 7052-5230, A2 Jumper (All Sites)

| From | To | Function | | Notes |
|---------|--------|-----------|-----------|---------|
| A2J2-12 | A2J1-2 | E-P | TIMER - 1 | BRN #24 |
| A2J1-2 | -33 | P-J | | BRN #24 |
| -33 | -42 | J-R | | BRN #24 |
| J2-11 | -4 | | 2 | BRN #24 |
| J1-4 | -31 | | | BRN #24 |
| -31 | -40 | | | BRN #24 |
| J2-32 | -6 | | 3 | BRN #24 |
| J1-6 | -29 | | | BRN #24 |
| -29 | -38 | | | BRN #24 |
| J2-31 | -8 | | 4 | BRN #24 |
| J1-8 | -27 | | | BRN #24 |
| -27 | -35 | | | BRN #24 |
| J2-50 | J3-2 | | 5 | BRN #24 |
| J3-2 | -33 | | | BRN #24 |
| -33 | -42 | | | BRN #24 |
| J2-45 | -4 | | 6 | BRN #24 |
| J3-4 | -31 | | | BRN #24 |
| -31 | -40 | | | BRN #24 |
| J4-12 | -6 | | 7 | BRN #24 |
| J3-6 | -29 | | | BRN #24 |
| -29 | -38 | | | BRN #24 |
| J4-11 | -8 | | 8 | BRN #24 |
| J3-8 | -27 | | | BRN #24 |
| -27 | -35 | | | BRN #24 |
| J4-32 | J5-2 | | 9 | BRN #24 |
| J5-2 | -33 | | | BRN #24 |
| -33 | -42 | | | BRN #24 |
| J4-31 | -4 | | 10 | BRN #24 |
| J5-4 | -31 | | | BRN #24 |
| -31 | -40 | | | BRN #24 |
| J4-50 | -6 | | 11 | BRN #24 |
| J5-6 | -29 | | | BRN #24 |
| -29 | -38 | | | BRN #24 |
| J4-45 | -8 | | 12 | BRN #24 |
| J5-8 | -27 | | | BRN #24 |
| -27 | -35 | | | BRN #24 |
| J2-15 | J1-15 | F-N TIMER | 1 | BRN #24 |
| -18 | -13 | | 2 | BRN #24 |
| -35 | -11 | | 3 | BRN #24 |
| -38 | -9 | | 4 | BRN #24 |
| -54 | J3-15 | | 5 | BRN #24 |
| -49 | -13 | | 6 | BRN #24 |
| J4-15 | -11 | | 7 | BRN #24 |
| -18 | -9 | | 8 | BRN #24 |
| -35 | J5-15 | | 9 | BRN #24 |
| -38 | -13 | | 10 | BRN #24 |
| -54 | -11 | | 11 | BRN #24 |
| -49 | -9 | | 12 | BRN #24 |

Table 7-90. RF Equipment Cable 7052-5230, A2 Jumper (All Sites) (Cont.)

| From | To | Function | | | Notes |
|---------|---------|----------|-------|----|--------|
| A2J2-13 | A2J1-39 | G-S | TIMER | 1 | BRN#24 |
| -20 | -37 | | | 2 | BRN#24 |
| -33 | -36 | | | 3 | BRN#24 |
| -40 | -34 | | | 4 | BRN#24 |
| -52 | J3-39 | | | 5 | BRN#24 |
| -47 | -37 | | | 6 | BRN#24 |
| J4-13 | -36 | | | 7 | BRN#24 |
| -20 | -34 | | | 8 | BRN#24 |
| 33 | J5-39 | | | 9 | BRN#24 |
| 40 | -37 | | | 10 | BRN#24 |
| 52 | -36 | | | 11 | BRN#24 |
| 47 | -34 | | | 12 | BRN#24 |
| J2-9 | J1-16 | D-K | TIMER | 1 | BRN#24 |
| -30 | -14 | | | 2 | BRN#24 |
| -29 | -12 | | | 3 | BRN#24 |
| -48 | -10 | | | 4 | BRN#24 |
| -43 | J3-16 | | | 5 | BRN#24 |
| -14 | 6 | | | | BRN#24 |
| J4-10 | -12 | | | 7 | BRN#24 |
| -9 | -10 | | | 8 | BRN#24 |
| -30 | J5-16 | | | 9 | BRN#24 |
| -29 | -14 | | | 10 | BRN#24 |
| -48 | -12 | | | 11 | BRN#24 |
| -43 | -10 | | | 12 | BRN#24 |
| J2-6 | J1-1 | B-L | TIMER | 1 | BRN#24 |
| -5 | -3 | | | 2 | BRN#24 |
| -26 | -5 | | | 3 | BRN#24 |
| -25 | -7 | | | 4 | BRN#24 |
| -44 | J3-1 | | | 5 | BRN#24 |
| -39 | -3 | | | 6 | BRN#24 |
| J4-6 | -5 | | | 7 | BRN#24 |
| -5 | -7 | | | 8 | BRN#24 |
| -26 | J5-1 | | | 9 | BRN#24 |
| -25 | -3 | | | 10 | BRN#24 |
| -44 | -5 | | | 11 | BRN#24 |
| -39 | -7 | | | 12 | BRN#24 |
| J2-4 | J1-18 | A-M | TIMER | 1 | BRN#24 |
| -3 | -20 | | | 2 | BRN#24 |
| -24 | -22 | | | 3 | BRN#24 |
| -23 | -24 | | | 4 | BRN#24 |
| -42 | J3-18 | | | 5 | BRN#24 |
| -37 | -20 | | | 6 | BRN#24 |
| J4-4 | -22 | | | 7 | BRN#24 |
| -3 | -24 | | | 8 | BRN#24 |
| -24 | J5-18 | | | 9 | BRN#24 |
| -23 | -20 | | | 10 | BRN#24 |
| -42 | -22 | | | 11 | BRN#24 |
| -37 | -24 | | | 12 | BRN#24 |

Table 7-90. RF Equipment Bay Cable 7052-5230, A2 Jumper (All Sites) (Cont.)

| From | To | Function | Notes |
|---------|---------|-----------------------------|-----------|
| A2J2-2 | A2J4-2 | GND | BLACK #20 |
| A2J6-7 | A2J6-8 | LAMP TEST RYS 1 A&B 9 VAC | YEL #20 |
| -7 | -13 | | YEL #20 |
| -13 | -25 | | YEL #20 |
| -25 | -31 | | YEL #20 |
| -8 | -10 | | YEL #20 |
| -10 | -12 | | YEL #20 |
| -12 | -14 | | YEL #20 |
| -14 | -26 | | YEL #20 |
| -26 | -28 | | YEL #20 |
| -28 | -30 | | YEL #20 |
| -30 | -32 | | YEL #20 |
| A2J6-17 | A2J6-37 | -24 V | WHT #20 |
| A2J7-7 | A2J7-8 | LAMP TEST RYS 2 A&B&C 9 VAC | GREEN #20 |
| -7 | -13 | | GREEN #20 |
| -13 | -25 | | GREEN #20 |
| -25 | -31 | | GREEN #20 |
| -31 | -41 | | GREEN #20 |
| -41 | -43 | | GREEN #20 |
| -43 | -46 | | GREEN #20 |
| -8 | -10 | | GREEN #20 |
| -10 | -12 | | GREEN #20 |
| -12 | -14 | | GREEN #20 |
| -14 | -26 | | GREEN #20 |
| -26 | -28 | | GREEN #20 |
| -28 | -30 | | GREEN #20 |
| -30 | -32 | | GREEN #20 |
| A2J7-17 | A2J7-37 | -24 V | WHT #20 |
| A2J7-37 | -55 | -24 V | WHT #20 |
| A2J6-17 | -17 | -24 V | WHT #20 |
| A2J6-1 | A2J6-35 | LAMP TEST SW 1 RY A&B | BRN #24 |
| A2J7-1 | A2J7-35 | LAMP TEST SW 2 RY A,B,C | BRN #24 |
| A2J7-35 | -39 | | BRN #24 |
| A2J1-32 | A2J2-8 | H-C | BRN #24 |
| -30 | -7 | TIMER - 1 | BRN #24 |
| -28 | -28 | 2 | BRN #24 |
| -26 | -27 | 3 | BRN #24 |
| | | 4 | BRN #24 |

Table 7-90. RF Equipment Bay Cable 7052-5230, A2 Jumper (All Sites) (Cont.)

| From | To | Function | Notes |
|---------|---------|-----------|---------|
| A2J3-32 | A2J2-46 | TIMER - 5 | BRN #24 |
| -30 | -41 | 6 | BRN #24 |
| -28 | J4-8 | 7 | BRN #24 |
| -26 | -7 | 8 | BRN #24 |
| J5-32 | -28 | 9 | BRN #24 |
| -30 | -27 | 10 | BRN #24 |
| -28 | -46 | 11 | BRN #24 |
| -26 | -41 | 12 | BRN #24 |
| A2J4-2 | A2J5-56 | GND | BRN #24 |
| J5-56 | -55 | | BRN #24 |
| -55 | -53 | | BRN #24 |
| -53 | -51 | | BRN #24 |
| -51 | J3-56 | | BRN #24 |
| J3-56 | -55 | | BRN #24 |
| -55 | -53 | | BRN #24 |
| -53 | -51 | | BRN #24 |
| -51 | J1-56 | | BRN #24 |
| J1-56 | -55 | | BRN #24 |
| -55 | -53 | | BRN #24 |
| -53 | -51 | | BRN #24 |

Table 7-91. RF Equipment Bay Cable 7052-5231, A3 Jumper (All Sites)

| From | To | Function | Notes |
|---------|---------|----------|---------|
| A3J1-17 | A3J2-17 | GND | BLK #20 |
| -17 | -17 | GND | BLK #20 |
| -17 | -17 | GND | BLK #20 |
| -17 | -17 | GND | BLK #20 |
| -17 | -17 | GND | BLK #20 |
| -35 | -35 | -48V | RED #20 |
| -35 | -35 | -48V | RED #20 |
| -35 | -35 | -48V | RED #20 |
| -35 | -35 | -48V | RED #20 |
| -35 | -35 | -48V | RED #20 |
| -7 | -7 | RG1-T | BRN #20 |
| -7 | -7 | RG1-T | BRN #2C |
| -7 | -7 | RG1-T | BRN #20 |
| -7 | -7 | RG1-T | BRN #20 |
| -7 | -7 | RG1-T | BRN #20 |
| -9 | -9 | RG1-R | VIO #20 |
| -9 | -9 | RG1-R | VIO #20 |
| -9 | -9 | RG1-R | VIO #20 |
| -9 | -9 | RG1-R | VIO #20 |
| -9 | -9 | RG1-R | VIO #20 |
| -37 | -37 | RG2-T | BRN #20 |
| -37 | -37 | RG2-T | BRN #20 |
| -37 | -37 | RG2-T | BRN #20 |
| -37 | -37 | RG2-T | BRN #20 |
| -37 | -37 | RG2-T | BRN #20 |
| -39 | -39 | RG2-R | VIO #20 |
| -39 | -39 | RG2-R | VIO #20 |
| -39 | -39 | RG2-R | VIO #20 |
| -39 | -39 | RG2-R | VIO #20 |
| -39 | -39 | RG2-R | VIO #20 |
| -7 | -37 | RG-T | BRN #20 |
| -9 | -39 | RG-R | VIO #20 |
| A3J7-17 | A3J7-37 | -24 V | WHT #20 |
| J7-37 | J7-55 | -24 V | WHT #20 |
| J7-55 | J8-17 | -24 V | WHT #20 |
| J8-17 | J8-37 | -24 V | WHT #20 |
| J8-37 | J8-55 | -24 V | WHT #20 |
| J8-55 | J9-17 | -24 V | WHT #20 |
| J9-17 | J9-37 | -24 V | WHT 120 |
| J9-37 | J9-55 | -24 V | WHT #20 |

Table 7-91. RF Equipment Bay Cable 7052-5231, A3 Jumper (All Sites)(Cont.)

| From | To | Function | Notes |
|---------|----------|----------|---------|
| A3J9-55 | A3J10-17 | -24 V | WHT #20 |
| J10-17 | J10-37 | -24 V | WHT #20 |
| J10-37 | J10-55 | -24 V | WHT #20 |
| J7-12 | J7-30 | 9 VAC-1 | YEL #20 |
| J7-30 | J7-41 | 9 VAC-1 | YEL #20 |
| J7-41 | J8-12 | 9 VAC-1 | YEL #20 |
| J8-12 | J8-30 | 9 VAC-1 | YEL #20 |
| J8-30 | J8-41 | 9 VAC-1 | YEL #20 |
| J8-41 | J9-12 | 9 VAC-1 | YEL #20 |
| J9-12 | J9-30 | 9 VAC-1 | YEL #20 |
| J9-30 | J9-41 | 9 VAC-1 | YEL #20 |
| J9-41 | J10-12 | 9 VAC-1 | YEL #20 |
| J10-12 | J10-30 | 9 VAC-1 | YEL #20 |
| J10-30 | J10-41 | 9 VAC-1 | YEL #20 |
| J7-14 | J7-32 | 9 VAC-2 | GRN #20 |
| J7-32 | J7-43 | 9 VAC-2 | GRN #20 |
| J7-43 | J8-14 | 9 VAC-2 | GRN #20 |
| J8-14 | J8-32 | 9 VAC-2 | GRN #20 |
| J8-32 | J8-43 | 9 VAC-2 | GRN #20 |
| J8-43 | J9-14 | 9 VAC-2 | GRN #20 |
| J9-14 | J9-32 | 9 VAC-2 | GRN #20 |
| J9-32 | J9-43 | 9 VAC-2 | GRN #20 |
| J9-43 | J10-14 | 9 VAC-2 | GRN #20 |
| J10-14 | J10-32 | 9 VAC-2 | GRN #20 |
| J10-32 | J10-43 | 9 VAC-2 | GRN #20 |

Table 7-92. RF Equipment Bay Cable 7052-5232, A4 Jumper (All Sites)

| From | To | Function | Notes |
|-------------|---------------|-----------------|---------|
| BUSS ACROSS | ALL POSITIONS | J1 THRU J12 | |
| PIN A | | GROUND | BLK #20 |
| PIN L | | -48 VDC | RED #20 |
| PIN H | | RING GEN | VIO #20 |
| PIN 9 | | RING GEN RETURN | BRN #20 |

Table 7-93. RF Equipment Bay Cable 7052-5233, A5 Jumper (All Sites)

| From | To | Function | Notes |
|-------------|---------------|------------------------------|-----------|
| BUSS ACROSS | ALL POSITIONS | J1 THRU J12 | |
| PIN A | | GROUND | BLK #20 |
| PIN L | | -24 VDC | WHITE #20 |
| J1-D | J1-H | RESISTOR 510 \hat{e} 1/4 W | |
| J2-D | J2-H | RESISTOR 510 \hat{e} 1/4 W | |
| J3-D | J3-H | RESISTOR 510 \hat{e} 1/4 W | |
| J4-D | J4-H | RESISTOR 510 \hat{e} 1/4 W | |
| J5-D | J5-H | RESISTOR 510 \hat{e} 1/4 W | |
| J6-D | J6-H | RESISTOR 510 \hat{e} 1/4 W | |
| J7-D | J7-H | RESISTOR 510 \hat{e} 1/4 W | |
| J8-D | J8-H | RESISTOR 510 \hat{e} 1/4 W | |
| J9-D | J9-H | RESISTOR 510 \hat{e} 1/4 W | |
| J10-D | J10-H | RESISTOR 510 \hat{e} 1/4 W | |
| J11-D | J11-H | RESISTOR 510 \hat{e} 1/4 W | |
| J12-D | J12-H | RESISTOR 510 \hat{e} 1/4 W | |

Table 7-94. RF Equipment Bay Cable 7052-5234, A3-A3 Jumper (All Sites)

| From | To | Function | Notes |
|----------|----------|-------------------|---------|
| A3-J1-11 | A2-J2-13 | SG LINE 1 | BRN #24 |
| -41 | -20 | SG 2 | BRN #24 |
| J2-11 | -33 | SG 3 | BRN #24 |
| -41 | -40 | SG 4 | BRN #24 |
| J3-11 | -52 | SG 5 | BRN #24 |
| -41 | -47 | SG 6 | BRN #24 |
| J4-11 | J4-13 | SG 7 | BRN #24 |
| -41 | -20 | SG 8 | BRN #24 |
| J5-11 | -33 | SG 9 | BRN #24 |
| -41 | -40 | SG 10 | BRN #24 |
| J6-11 | -52 | SG 11 | BRN #24 |
| -41 | -47 | SG 12 | BRN #24 |
| A3-J7-18 | A2-J3-2 | LAMP TEST RADIO 1 | BRN #24 |
| -36 | -4 | 2 | BRN #24 |
| -44 | -6 | 3 | BRN #24 |
| J8-18 | -16 | 4 | BRN #24 |
| -36 | -18 | 5 | BRN #24 |
| -44 | -19 | 6 | BRN #24 |
| J9-18 | -20 | 7 | BRN #24 |
| -36 | -22 | 8 | BRN #24 |
| -44 | -24 | 9 | BRN #24 |
| J10-18 | -34 | 10 | BRN #24 |
| -36 | -36 | 11 | BRN #24 |
| -44 | -38 | 12 | BRN #24 |
| A3-J7-16 | A2-J7-2 | LAMP TEST TELE 1 | BRN #24 |
| -34 | -4 | 2 | BRN #24 |
| -42 | -6 | 3 | BRN #24 |
| J8-16 | -16 | 4 | BRN #24 |
| -34 | -18 | 5 | BRN #24 |
| -42 | -19 | 6 | BRN #24 |
| J9-16 | -20 | 7 | BRN #24 |
| -34 | -22 | 8 | BRN #24 |
| -42 | -24 | 9 | BRN #24 |
| J10-16 | -34 | 10 | BRN #24 |
| -34 | -36 | 11 | BRN #24 |
| -42 | -38 | 12 | BRN #24 |

Table 7-95. RF Equipment Bay Cable 7052-5235. A4-A5 Jumper (All Sites)

| From | To | Function | | Notes |
|---------|---------|----------|--------|-----------|
| A4-J1-C | A5-J1-E | R | LINE 1 | BLU/WHT |
| -D | -F | T | | WHT/BLU |
| -5 | -J | B | | ORN/WHT |
| -6 | -K | A | | WHT/ORN |
| J2-C | J2-E | R | LINE 2 | GRN/WHT |
| -D | -F | T | | WHT/GRN |
| -5 | -J | B | | BRN/WHT |
| -6 | -K | A | | WHT/BRN |
| J3-C | J3-E | R | LINE 3 | SLATE/WHT |
| -D | -F | T | | WHT/SLATE |
| -5 | -J | B | | BLU/RED |
| -6 | -K | A | | RED/BLU |
| J4-C | J4-E | R | LINE 4 | ORN/RED |
| -D | -F | T | | RED/ORN |
| -5 | -J | B | | GRN/RED |
| -6 | -K | A | | RED/GRN |
| J5-C | J5-E | R | LINE 5 | BRN/RED |
| -D | -F | T | | RED/BRN |
| -5 | -J | B | | SLATE/RED |
| -6 | -K | A | | RED/SLATE |
| J6-C | J6-E | R | LINE 6 | BLU/BLK |
| -D | -F | T | | BLK/BLU |
| -5 | -J | B | | ORN/BLK |
| -6 | -K | A | | BLK/ORN |
| J7-C | J7-E | R | LINE 7 | GRN/BLK |
| -D | -F | T | | BLK/GRN |
| -5 | -J | B | | BRN/BLK |
| -6 | -K | A | | BLK/BRN |
| J8-C | J8-E | R | LINE 8 | SLATE/BLK |
| -D | -F | T | | BLK/SLATE |
| -5 | -J | B | | BLU/YEL |
| -6 | -K | A | | YEL/BLU |

Table 7-95. RF Equipment Bay Cable 7052-5235, A4-A5 Jumper (All Sites) (Cont.)

| From | To | Function | | Notes |
|-------|-------|----------|---------|-----------|
| J9-C | J9-E | R | LINE 9 | ORN/YEL |
| -D | -F | T | | YEL/ORN |
| -5 | -J | B | | GRN/YEL |
| -6 | -K | A | | YEL/GRN |
| J10-C | J10-E | R | LINE 10 | BRN/YEL |
| -D | -F | T | | YEL/BRN |
| -5 | -J | B | | SLATE/YEL |
| -6 | -K | A | | YEL/SLATE |
| J11-C | J11-E | R | LINE 11 | BLU/VIO |
| -D | -F | T | | VIO/BLU |
| -5 | -J | B | | ORN/VIO |
| -6 | -K | A | | VIO/ORN |
| J12-C | J12-E | R | LINE 12 | GRN/VIO |
| -D | -F | T | | VIO/GRN |
| -5 | -J | B | | BRN/VIO |
| -6 | -K | A | | VIO/BRN |
| | | | | SLATE/VIO |
| | | | | VIO/SLATE |

Table 7-96. RF Equipment Bay Cable 7052-5236, A2, A3, A4, A5 Jumper (All Sites)

| From | To | Function | Notes |
|-----------|-----------|-------------------------|-----------|
| A4-J12-A | A5-J12-A | 24-48 GND.TIE | BLACK #20 |
| A2-J7-55 | A3-J7-17 | -24VDC SIG BATT | WHT #20 |
| A3-J6-9 | A4-J1-H | RING GEN. | ORG #20 |
| A3-J10-41 | A2-J6-32 | LB1 | YEL #20 |
| A3-J10-43 | A2-J7-32 | LB2 | GRN #20 |
| A4-J1-9 | A4-J1-L | -48V (RNG RTN) | BRN #20 |
| A3-J7-12 | TB1-CW-13 | 9VAC LG1 | YEL #20 |
| A3-J11-1 | TB1-CW-26 | LG-1 | BLUE #20 |
| A3-J11-5 | TB1-CW-18 | LG-2 | VIO #20 |
| A3-J11-1 | TB1-EW-13 | COMMON BAY D.C. GND RTN | GRAY #20 |
| A3-J6-7 | TB1-DW-13 | RG-RTN | BRN #20 |
| A2-J2-2 | A3-J1-17 | GND (48V) | BLK #20 |
| A3-J1-17 | A4-J1-A | GND (48V) | BLK #20 |
| A3-J1-35 | A4-J1-L | -48V to A3 | RED #20 |
| A2-J7-40 | TB1-NW-12 | L - TEST BRG LINE 2 | YEL #20 |

Table 7-97. Bann Site - Telephone Equipment Bay Special Wiring

| From | To | Function | Notes |
|---------|-----------|---------------------------|-------------|
| A2J6-17 | A2J6-55 | 24V, LAMP TST 2, RLY J6-C | WHT. NO. 20 |
| A2J6-39 | A2J7-39 | LAMP TEST SWITCH NO. 2 | BRN NO. 24 |
| A2J6-41 | A2J6-43 | LAMP TEST 10 VAC | GRN NO. 20 |
| A2J6-43 | A2J6-49 | LAMP TEST 10 VAC | GRN NO. 20 |
| A2J6-49 | A2J6-46 | LAMP TEST 10 VAC | GRN NO. 20 |
| A2J6-46 | A2J7-46 | LAMP TEST 10 VAC | GRN NO. 20 |
| A2J6-44 | TB1-CW-11 | L - BRG 3 | BRN/WHT |
| A2J6-42 | TB1-DW-11 | L - BRG 4 | WHT/BRN |
| A2J6-40 | TB1-AW-11 | L - BRG 5 | BLK/BLU |
| A2J6-56 | TB1-BW-11 | L - BRG 6 | BLU/BLK |

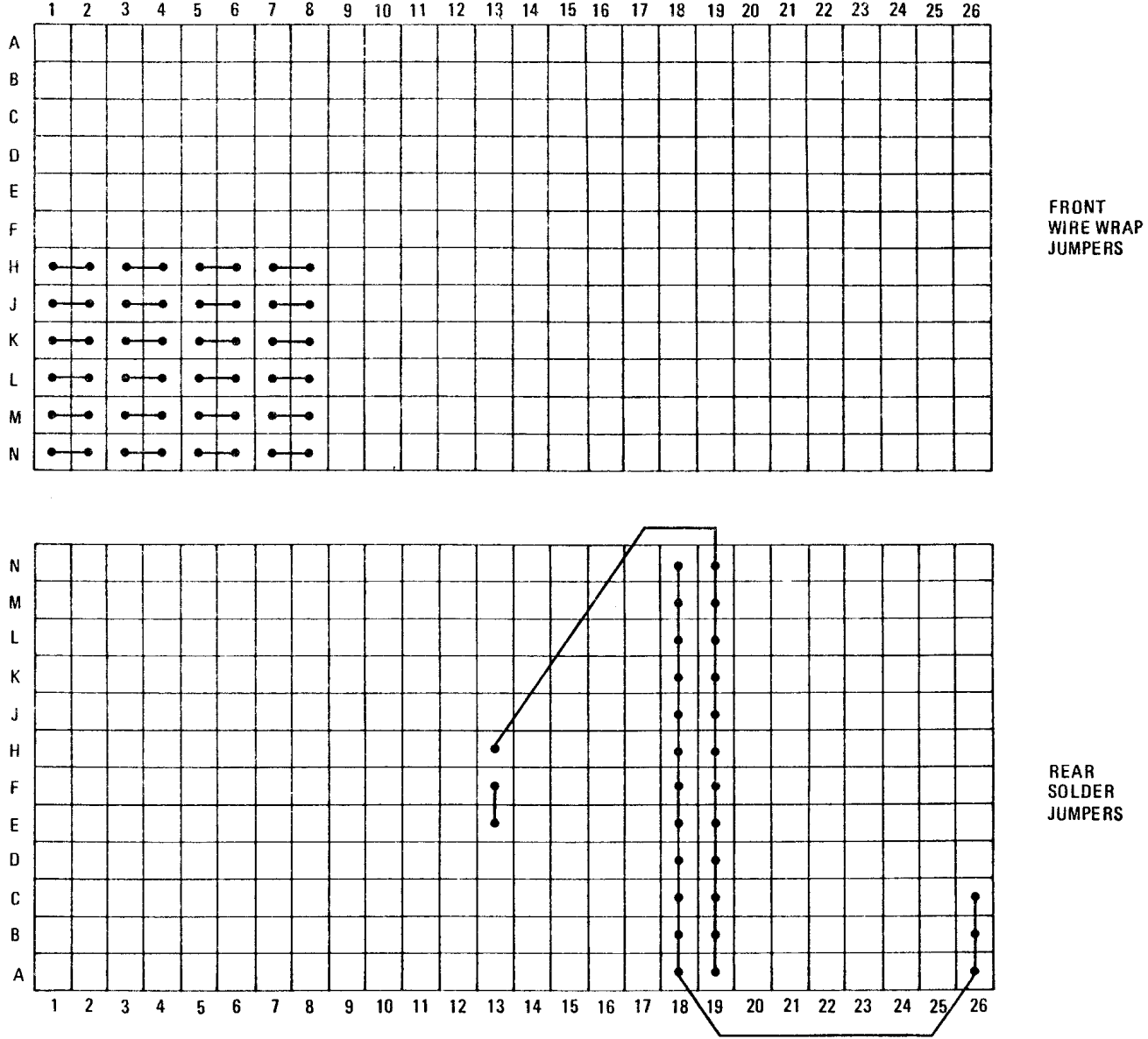


Figure 7-1. Communication Control Console Permanent 3A5TB1 Jumpers (All Sites)
 7-158

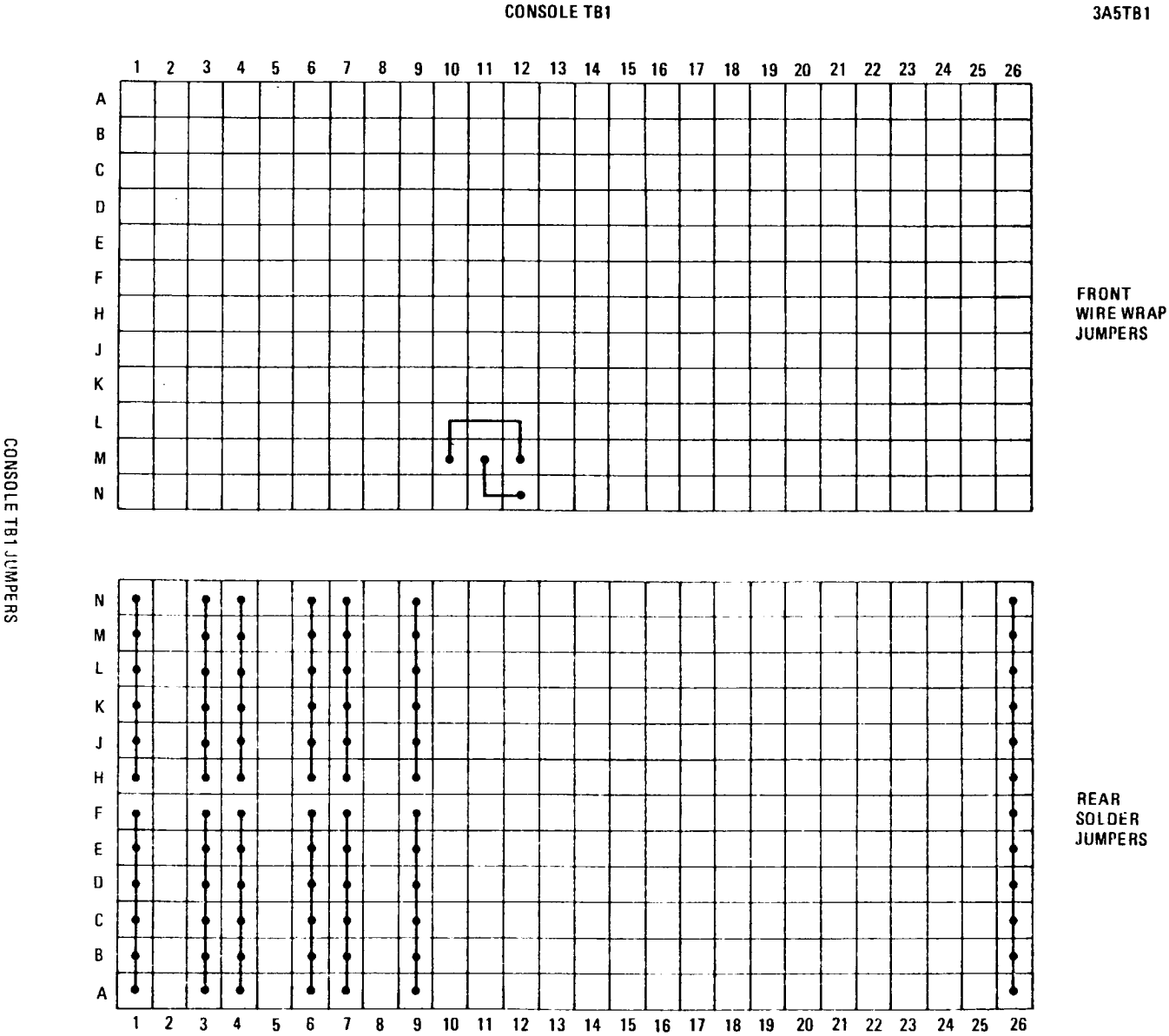


Figure 7-2. Communication Control Console Permanent 3A5TB1 Jumpers
 7-159

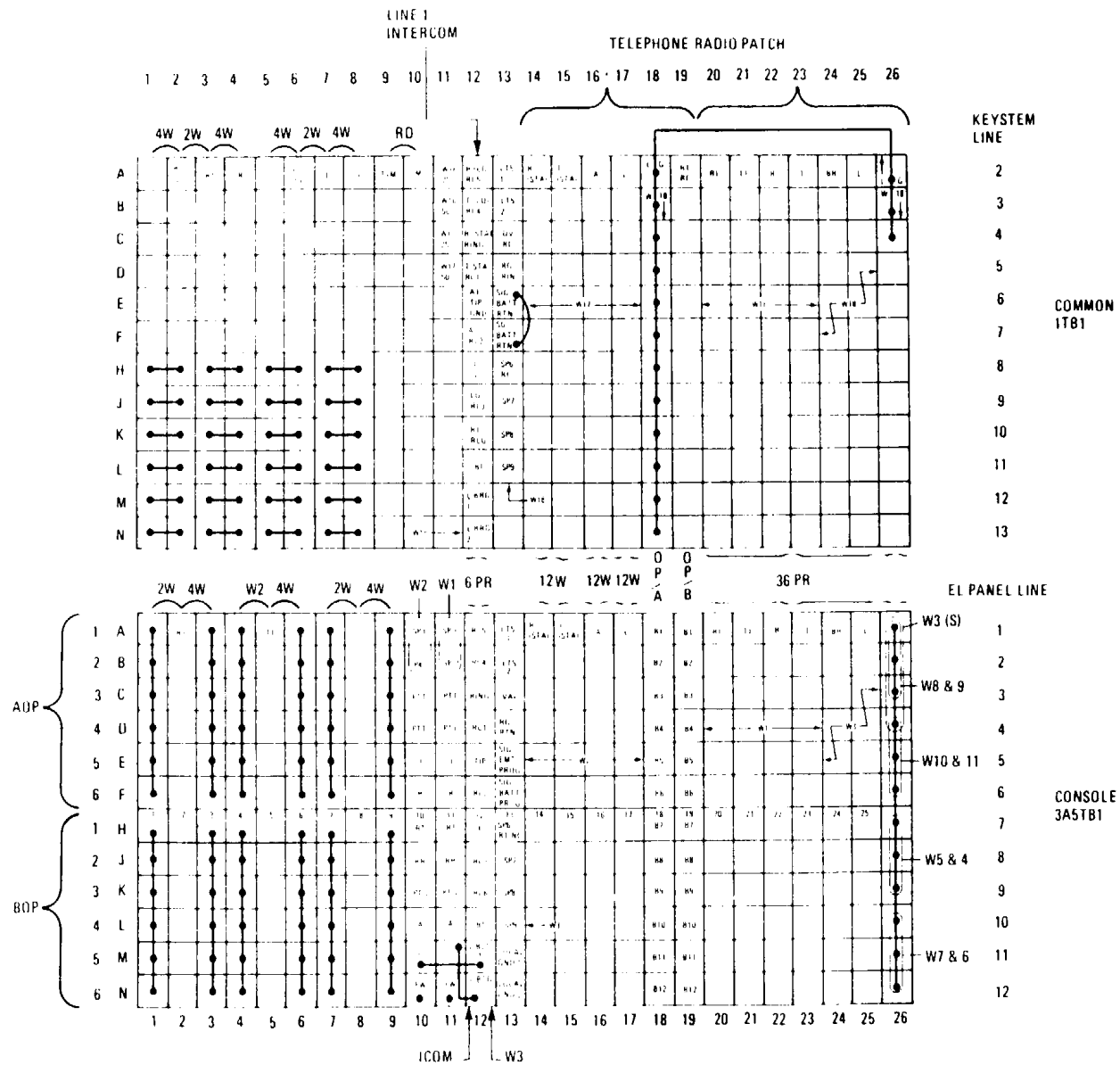
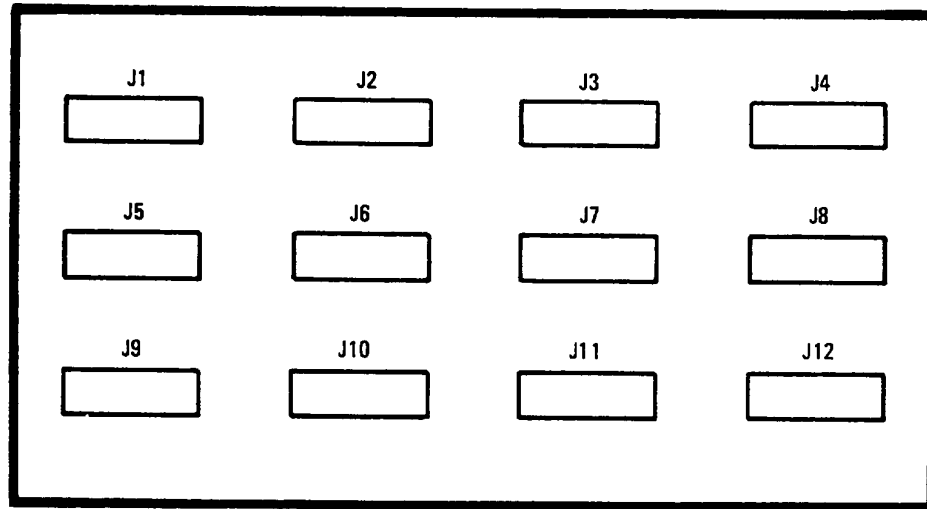
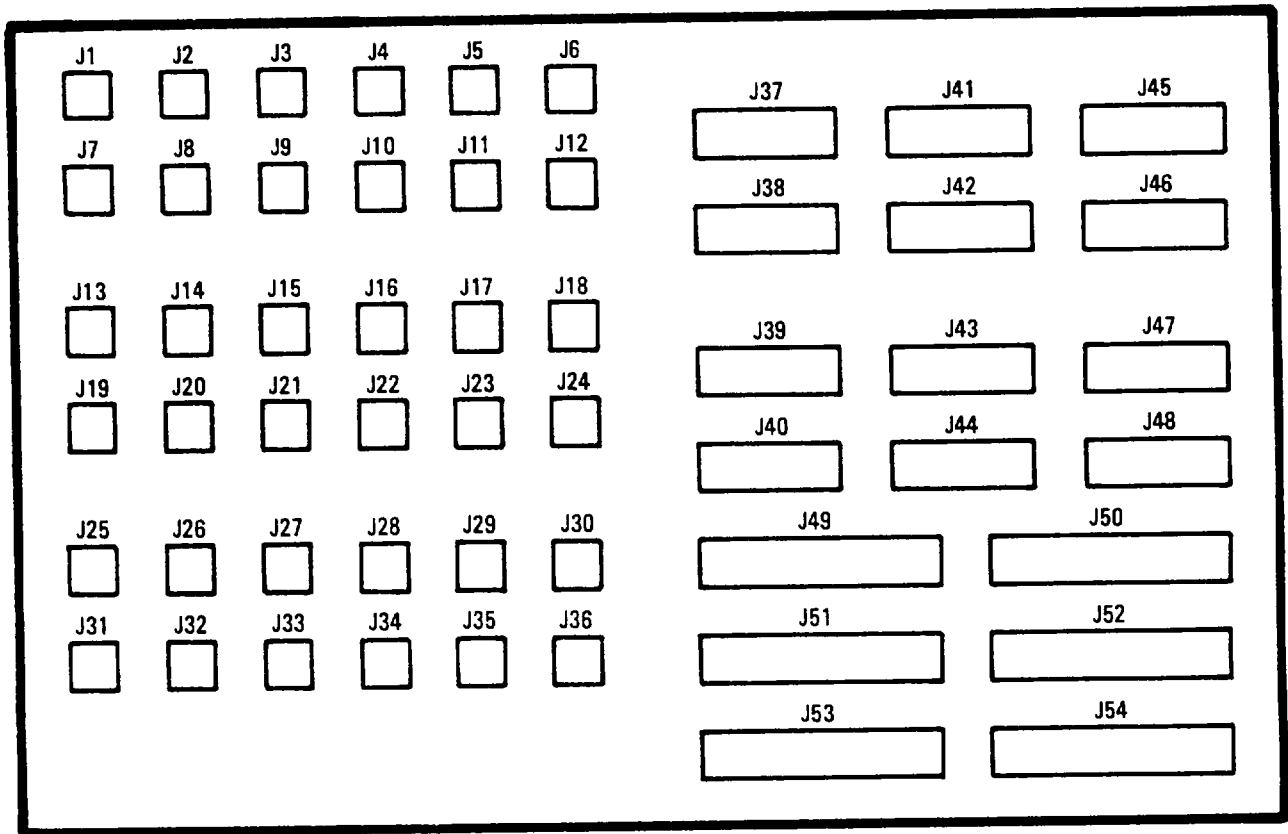


Figure 7-3. CIG1TB1 and CCC3A5TB1 Strapping (All Sites)



TELEPHONE EQUIPMENT BAY RACK CONNECTOR
PANEL 1A10 (AS VIEWED FROM REAR OF BAY)

Figure 7-4. CIG Telephone Equipment Bay Rack Connector Panel 1A10 Connector Locations (Bann Site Only)



RACK CONNECTOR PANEL 2A10 CONNECTOR LOCATIONS
(AS VIEWED FROM THE REAR OF THE RF EQUIPMENT BAY)

Figure 7-5. CIG Rf Equipment Bay Rack Connector Panel 2A10 Connector Locations (Bann Site Only)

Table 7-98. Bann Site - RF Equipment Bay Cable W1, 7052-2051

| From | To | Function | Notes |
|----------------|------------------|--|---------------|
| A1J71-1 -26 | A10J25-3 25-4 | INTERLOCK XCVR NO. 1 INTERLOCK XCVR NO. 1 | BLK RED |
| -2 -27 | 26-3 26-4 | INTERLOCK XCVR NO. 2 INTERLOCK XCVR NO. 2 | BLK PR WHT |
| -3 -28 | 27-3 27-4 | INTERLOCK XCVR NO. 3 INTERLOCK XCVR NO. 3 | BLK PR GRN |
| -4 -29 | 28-3 28-4 | INTERLOCK XCVR NO. 4 INTERLOCK XCVR NO. 4 | BLK PR BLU |
| -5 -30 | 29-3 29-4 | INTERLOCK XCVR NO. 5 INTERLOCK XCVR NO. 5 | BLK PR YEL |
| -6 -31 | 30-3 30-4 | INTERLOCK XCVR NO. 6 INTERLOCK XCVR NO. 6 | BLK PR BRN |
| -7 -32 | 1-3 1-4 | INTERLOCK XCVR NO. 7 INTERLOCK XCVR NO. 7 | BLK PR ORN |
| -8 -33 | 2-3 2-4 | INTERLOCK XCVR NO. 8 INTERLOCK XCVR NO. 8 | RED PR WHT |
| -9 -34 | 3-3 3-4 | INTERLOCK XCVR NO. 9 INTERLOCK XCVR NO. 9 | RED PR GRN |
| -10 -35 | 4-3 4-4 | INTERLOCK XCVR NO. 10 INTERLOCK XCVR NO. 10 | RED PR BLU |
| -11 -36 | 13-3 13-4 | INTERLOCK XCVR NO. 11 INTERLOCK XCVR NO. 11 | RED PR YEL |
| -12 -37 | 14-3 14-4 | INTERLOCK XCVR NO. 12 INTERLOCK XCVR NO. 12 | RED PR BRN |
| -13 -38 | 15-3 15-4 | INTERLOCK XCVR NO. 13 INTERLOCK XCVR NO. 13 | GRN PR WHT |
| -14 -39 | 16-3 16-4 | INTERLOCK XCVR NO. 14 INTERLOCK XCVR NO. 14 | GRN PR BLU |
| -15 -40 | 17-3 17-4 | INTERLOCK XCVR NO. 15 INTERLOCK XCVR NO. 15 | GRN PR YEL |
| -16 -41 | 18-3 18-4 | INTERLOCK XCVR NO. 16 INTERLOCK XCVR NO. 16 | GRN PR BRN |

Table 7-98. Bann Site - RF Equipment Bay Cable W1, 7052-2051 (Cont.)

| From | To | Function | Notes |
|----------------------|----------|-----------------------|--------|
| A1J71-17 | A10J19-3 | INTERLOCK XCVR NO. 17 | GRN |
| -42 | 19-4 | INTERLOCK XCVR NO. 17 | ORN PR |
| -18 | 20-3 | INTERLOCK XCVR NO. 18 | WHT |
| -43 | 20-4 | INTERLOCK XCVR NO. 18 | BLU PR |
| -19 | 21-3 | INTERLOCK XCVR NO. 19 | WHT |
| -44 | 21-4 | INTERLOCK XCVR NO. 19 | YEL PR |
| -20 | 22-3 | INTERLOCK XCVR NO. 20 | WHT |
| -45 | 22-4 | INTERLOCK XCVR NO. 20 | BRN |
| -21 | 23-3 | INTERLOCK XCVR NO. 21 | WHT PR |
| -46 | 23-4 | INTERLOCK XCVR NO. 21 | ORN |
| -22 | 5-3 | INTERLOCK XCVR NO. 22 | BLU |
| -47 | 5-4 | INTERLOCK XCVR NO. 22 | YEL PR |
| -23 | 6-3 | INTERLOCK XCVR NO. 23 | BLU |
| -48 | 6-4 | INTERLOCK XCVR NO. 23 | BRN PR |
| -24 | 31-3 | INTERLOCK XCVR NO. 24 | BLU |
| -49 | 31-4 | INTERLOCK XCVR NO. 24 | ORN PR |
| -25 | 32-3 | INTERLOCK XCVR NO. 25 | RED |
| -50 | 32-4 | INTERLOCK XCVR NO. 25 | ORN PR |
| J1 THRU J36-PIN 8 | A6E1 | GND | BLK |

Table 7-99. Bann Site - RF Equipment Bay Cable W2, 7052-2052

| From | To | Function | Notes |
|--------|----------|-------------------|--------|
| A2J1-1 | A10J37-1 | TTY NO. 1 RCV IN | BLK PR |
| -26 | 37-9 | TTY NO. 1 RCV IN | RED PR |
| -2 | 37-3 | TTY NO. 1 XMIT IN | BLK PR |
| -27 | 37-11 | TTY NO. 1 XMIT IN | WHT PR |
| -3 | 38-1 | TTY NO. 2 RCV IN | BLK PR |
| -28 | 38-9 | TTY NO. 2 RCV IN | GRN PR |
| -4 | 38-3 | TTY NO. 2 XMIT IN | BLK PR |
| -29 | 38-11 | TTY NO. 2 XMIT IN | BLU PR |
| -5 | 39-1 | TTY NO. 3 RCV IN | BLK PR |
| -30 | 39-9 | TTY NO. 3 RCV IN | YEL PR |
| -6 | 39-3 | TTY NO. 3 XMIT IN | BLK PR |
| -31 | 39-11 | TTY NO. 3 XMIT IN | BRN PR |
| -7 | 40-1 | TTY NO. 4 RCV IN | BLK PR |
| -32 | 40-9 | TTY NO. 4 RCV IN | ORN PR |
| -8 | 40-3 | TTY NO. 4 XMIT IN | RED PR |
| -33 | 4u-11 | TTY NO. 4 XMIT IN | WHT PR |
| -9 | 41-1 | TTY NO. 1 RCV IN | RED PR |
| -34 | 41-9 | TTY NO. 1 RCV IN | GRN PR |
| -10 | 41-3 | TTY NO. 1 XMIT IN | RED PR |
| -35 | 41-11 | TTY NO. 1 XMIT IN | BLU PR |
| -11 | 42-1 | TTY NO. 2 RCV IN | RED PR |
| -36 | 42-9 | TTY NO. 2 RCV IN | YEL PR |
| -12 | 42-3 | TTY NO. 2 XMIT IN | RED PR |
| -37 | 42-11 | TTY NO. 2 XMIT IN | BRN PR |
| -13 | 43-1 | TTY NO. 3 RCV IN | GRN PR |
| -38 | 43-9 | TTY NO. 3 RCV IN | WHT PR |
| -14 | 43-3 | TTY NO. 3 XMIT IN | GRN PR |
| -39 | 43-11 | TTY NO. 3 XMIT IN | BLU PR |
| -15 | 44-1 | TTY NO. 4 RCV IN | GRN PR |
| -40 | 44-9 | TTY NO. 4 RCV IN | YEL PR |
| -16 | 44-3 | TTY NO. 4 XMIT IN | GRN PR |
| -41 | 44-11 | TTY NO. 4 XMIT IN | BRN PR |

CONSOLE A

CONSOLE B

Table 7-99. Bann Site - RF Equipment Bay Cable W2, 7052-2052 (Cont.)

| From | To | Function | Notes |
|---------|----------|-------------------|----------------|
| A2J1-17 | A10J45-1 | TTY NO. 1 RCV IN | GRN ORN PR |
| -42 | 45-9 | TTY NO. 1 RCV IN | |
| -18 | 45-3 | TTY NO. 1 XMIT IN | WHT BLU PR |
| -43 | 45-11 | TTY NO. 1 XMIT IN | |
| -19 | 46-1 | TTY NO. 2 RCV IN | WHT YEL PR |
| -44 | 46-9 | TTY NO. 2 RCV IN | |
| -20 | 46-3 | TTY NO. 2 XMIT IN | WHT BRN PR |
| -45 | 46-11 | TTY NO. 2 XMIT IN | |
| -21 | 47-1 | TTY NO. 3 RCV IN | WHT ORN PR |
| -46 | 47-9 | TTY NO. 3 RCV IN | |
| -22 | 47-3 | TTY NO. 3 XMIT IN | BLU YELP PR |
| -47 | 47-11 | TTY NO. 3 XMIT IN | |
| -23 | 48-1 | TTY NO. 4 RCV IN | BLU BRN PR |
| -48 | 48-9 | TTY NO. 4 RCV IN | |
| -24 | 48-3 | TTY NO. 4 XMIT IN | BLU ORN PR |
| -49 | 48-11 | TTY NO. 4 XMIT IN | |
| -25 | NC | | |
| -50 | NC | | |

CONSOLE C

Table 7-100. Bann Site - RF Equipment Bay Cable W3, 7052-2053

| From | To | Function | Notes |
|--------|----------|--------------------|--------|
| A2J2-1 | A10J37-2 | TTY NO. 1 RCV OUT | BLK |
| -26 | 37-10 | TTY NO. 1 RCV OUT | RED PR |
| -2 | 37-4 | TTY NO. 1 XMIT OUT | BLK |
| -27 | 37-12 | TTY NO. 1 XMIT OUT | WHT PR |
| -3 | 38-2 | TTY NO. 2 RCV OUT | BLK |
| -28 | 38-10 | TTY NO. 2 RCV OUT | GRN PR |
| -4 | 38-4 | TTY NO. 2 XMIT OUT | BLK |
| -29 | 38-12 | TTY NO. 2 XMIT OUT | BLU PR |
| -5 | 39-2 | TTY NO. 3 RCV OUT | BLK |
| -30 | 39-10 | TTY NO. 3 RCV OUT | YEL PR |
| -6 | 39-4 | TTY NO. 3 XMIT OUT | BLK |
| -31 | 39-12 | TTY NO. 3 XMIT OUT | BRN PR |
| -7 | 40-2 | TTY NO. 4 RCV OUT | BLK |
| -32 | 40-10 | TTY NO. 4 RCV OUT | ORN PR |
| -8 | 40-4 | TTY NO. 4 XMIT OUT | RED |
| -33 | 40-12 | TTY NO. 4 XMIT OUT | WHT PR |
| -9 | 41-2 | TTY NO. 1 RCV OUT | RED |
| -34 | 41-10 | TTY NO. 1 RCV OUT | GRN PR |
| -10 | 41-4 | TTY NO. 1 XMIT OUT | RED |
| -35 | 41-12 | TTY NO. 1 XMIT OUT | BLU PR |
| -11 | 42-2 | TTY NO. 2 RCV OUT | RED |
| -36 | 42-10 | TTY NO. 2 RCV OUT | YEL PR |
| -12 | 42-4 | TTY NO. 2 XMIT OUT | RED |
| -37 | 42-12 | TTY NO. 2 XMIT OUT | BRN PR |
| -13 | 43-2 | TTY NO. 3 RCV OUT | GRN |
| -38 | 43-10 | TTY NO. 3 RCV OUT | WHT PR |
| -14 | 43-4 | TTY NO. 3 XMIT OUT | GRN |
| -39 | 43-12 | TTY NO. 3 XMIT OUT | BLU PR |
| -15 | 44-2 | TTY NO. 4 RCV OUT | GRN |
| -40 | 44-10 | TTY NO. 4 RCV OUT | YEL PR |
| -16 1 | 44-4 | TTY NO. 4 XMIT OUT | GRN |
| -41 | 44-12 | TTY NO. 4 XMIT OUT | BRN |

CONSOLE A

CONSOLE B

Table 7-100. Bann Site - RF Equipment Bay Cable W3, 7052-2053 (Cont.)

| From | To | Function | | Notes |
|---------|----------|----------|----------|---------------|
| A2J2-17 | A10J45-2 | TTY NO. | RCV OUT | GRN ORN PR |
| -42 | 45-10 | TTY NO. | RCV OUT | |
| -18 | 45-4 | TTY NO. | XMIT OUT | WHT BLU PR |
| -43 | 45-12 | TTY NO. | XMIT OUT | |
| -19 | 46-2 | TTY NO. | RCV OUT | WHT YEL PR |
| -44 | 46-10 | TTY NO. | RCV OUT | |
| -20 | 46-4 | TTY NO. | XMIT OUT | WHT BRN PR |
| -45 | 46-12 | TTY NO. | XMIT OUT | |
| -21 | 47-2 | TTY NO. | RCV OUT | WHT ORN PR |
| -46 | 47-10 | TTY NO. | RCV OUT | |
| -22 | 47-4 | TTY NO. | XMIT OUT | BLU YEL PR |
| -47 | 47-12 | TTY NO. | XMIT OUT | |
| -23 | 48-2 | TTY NO. | RCV OUT | BLU BRN PR |
| -48 | 48-10 | TTY NO. | RCV OUT | |
| -24 | 48-4 | TTY NO. | XMIT OUT | BLU ORN PR |
| -49 | 48-12 | TTY NO. | XMIT OUT | |
| -25 | NC | | | |
| -50 | NC | | | |

CONSOLE C

Table 7-101. Bann Site - RF Equipment Bay Cable W4, 7052-2054

| From | To | Function | Notes |
|---------------|----------------|--|---------------|
| A3J1-1 -26 | A10J1-6 1-7 | RCV AUDIO IN FROM XCVR NO. 1 RCV AUDIO IN FROM XCVR NO. 1 | BLK PR RED |
| -2 -27 | 2-6 2-7 | RCV AUDIO IN FROM XCVR NO. 2 RCV AUDIO IN FROM XCVR NO. 2 | BLK PR WHT |
| -3 -28 | 3-6 3-7 | RCV AUDIO IN FROM XCVR NO. 3 RCV AUDIO IN FROM XCVR NO. 3 | BLK PR GRN |
| -4 -29 | 4-6 4-7 | RCV AUDIO IN FROM XCVR NO. 4 RCV AUDIO IN FROM XCVR NO. 4 | BLK PR BLU |
| -5 -30 | 5-6 5-7 | RCV AUDIO IN FROM XCVR NO. 5 RCV AUDIO IN FROM XCVR NO. 5 | BLK PR YEL |
| -6 -31 | 6-6 6-7 | RCV AUDIO IN FROM XCVR NO. 6 RCV AUDIO IN FROM XCVR NO. 6 | BLK PR BRN |
| -7 -32 | 7-6 7-7 | RCV AUDIO IN FROM XCVR NO. 7 RCV AUDIO IN FROM XCVR NO. 7 | BLK PR ORN |
| -8 -33 | 8-6 8-7 | RCV AUDIO IN FROM XCVR NO. 8 RCV AUDIO IN FROM XCVR NO. 8 | RED WHT PR |
| -9 -39 | 9-6 9-7 | RCV AUDIO IN FROM XCVR NO. 9 RCV AUDIO IN FROM XCVR NO. 9 | RED GRN PR |
| -10 -35 | 10-6 10-7 | RCV AUDIO IN FROM XCVR NO. 10 RCV AUDIO IN FROM XCVR NO. 10 | RED PR BLU |
| -11 -36 | 11-6 11-7 | RCV AUDIO IN FROM XCVR NO. 11 RCV AUDIO IN FROM XCVR NO. 11 | RED YEL PR |
| -12 -37 | 12-6 12-7 | RCV AUDIO IN FROM XCVR NO. 12 RCV AUDIO IN FROM XCVR NO. 12 | RED BRN PR |
| -13 -38 | 1-1 1-2 | XMIT AUDIO OUT TO XCVR NO. 1 XMIT AUDIO OUT TO XCVR NO. 1 | GRN WHT PR |
| -14 -39 | 2-1 2-2 | XMIT AUDIO OUT TO XCVR NO. 2 XMIT AUDIO OUT TO XCVR NO. 2 | GRN BLU PR |
| -15 -40 | 3-1 3-2 | XMIT AUDIO OUT TO XCVR NO. 3 XMIT AUDIO OUT TO XCVR NO. 3 | GRN YEL PR |
| -16 -41 | 4-1 4-2 | XMIT AUDIO OUT TO XCVR NO. 4 XMIT AUDIO OUT TO XCVR NO. 4 | GRN BRN PR |

CONSOLE A

Table 7-101. Bann Site - RF Equipment Bay Cable W4, 7052-2054 (Cont.)

| From | To | Function | Notes |
|---------|---------|-------------------------------|---------------|
| A3J1-17 | A10J5-1 | XMIT AUDIO OUT TO XCVR NO. 5 | GRN PR ORN |
| -42 | 5-2 | XMIT AUDIO OUT TO XCVR NO. 5 | |
| -18 | 6-1 | XMIT AUDIO OUT TO XCVR NO. 6 | WHT PR BLU |
| -43 | 6-2 | XMIT AUDIO OUT TO XCVR NO. 6 | |
| -19 | 7-1 | XMIT AUDIO OUT TO XCVR NO. 7 | WHT YEL PR |
| -44 | 7-2 | XMIT AUDIO OUT TO XCVR NO. 7 | |
| -20 | 8-1 | XMIT AUDIO OUT TO XCVR NO. 8 | WHT PR BRN |
| -45 | 8-2 | XMIT AUDIO OUT TO XCVR NO. 8 | |
| -21 | 9-1 | XMIT AUDIO OUT TO XCVR NO. 9 | WHT PR ORN |
| -46 | 9-2 | XMIT AUDIO OUT TO XCVR NO. 9 | |
| -22 | 10-1 | XMIT AUDIO OUT TO XCVR NO. 10 | BLU PR YEL |
| -47 | 10-2 | XMIT AUDIO OUT TO XCVR NO. 10 | |
| -23 | 11-1 | XMIT AUDIO OUT TO XCVR NO. 11 | BLU PR BRN |
| -48 | 11-2 | XMIT AUDIO OUT TO XCVR NO. 11 | |
| -24 | 12-1 | XMIT AUDIO OUT TO XCVR NO. 12 | BLU PR ORN |
| -49 | 12-2 | XMIT AUDIO OUT TO XCVR NO. 12 | |
| -25 | NC | | |
| -50 | NC | | |
| SHIELD | E1 | | SHLD |

CONSOLE A

Table 7-102. Bann Site - RF Equipment Bay Cable W5, 7052-2055

| From | To | Function | Notes |
|---------------|--------------------|--|---------------|
| A3J2-1 -26 | A10J37-15 37-15 | TTY KEY TO TTY NO. 1 TTY KEY TO TTY NO. 1 | BLK PR RED |
| -2 -27 | 38-15 38-15 | TTY KEY TO TTY NO. 2 TTY KEY TO TTY NO. 2 | BLK PR WHT |
| -3 -28 | 39-15 39-15 | TTY KEY TO TTY NO. 3 TTY KEY TO TTY NO. 3 | BLK PR GRN |
| -4 -29 | 40-15 40-15 | TTY KEY TO TTY NO. 4 TTY KEY TO TTY NO. 4 | BLK PR BLU |
| -5 -30 | 37-5 37-13 | TTY NO. 1 AUDIO OUT TO TTY TTY NO. 1 AUDIO OUT TO TTY | BLK PR YEL |
| -6 -31 | 37-6 37-14 | TTY NO. 1 AUDIO IN TO TTY TTY NO. 1 AUDIO IN TO TTY | BLK PR BRN |
| -7 -32 | 38-5 38-13 | TTY NO. 2 AUDIO OUT TO TTY TTY NO. 2 AUDIO OUT TO TTY | BLK PR ORN |
| -8 -33 | 38-6 38-14 | TTY NO. 2 AUDIO IN TO TTY TTY NO. 2 AUDIO IN TO TTY | RED PR HT |
| -9 -34 | 39-5 39-13 | TTY NO. 3 AUDIO OUT TO TTY TTY NO. 3 AUDIO OUT TO TTY | RED PR GRN |
| -10 -35 | 39-6 39-14 | TTY NO. 3 AUDIO IN TO TTY TTY NO. 3 AUDIO IN TO TTY | RED PR BLU |
| -11 -36 | 40-5 40-13 | TTY NO. 4 AUDIO OUT TO TTY TTY NO. 4 AUDIO OUT TO TTY | RED PR YEL |
| -12 -37 | 40-6 40-14 | TTY NO. 4 AUDIO IN TO TTY TTY NO. 4 AUDIO IN TO TTY | RED PR BRN |
| -13 -38 | 1-5 E1 | KEYLINE TO XCVR NO. 1 GND | GRN PR WHT |
| -14 -39 | A10J2-5 E1 | KEYLINE TO XCVR NO. 2 GND | GRN PR BLU |
| -15 | A10J3-5 | KEYLINE TO XCVR NO. 3 | GRN PR |
| -16 1 -41 | A10J4-5 OE1 | KEYLINE TO XCVR NO. 4 GND | GRN PR BRN |

CONSOLE A

Table 7-102. Bann Site - RF Equipment Bay Cable W5, 7052-2055 (Cont.)

| From | To | Function | Notes |
|----------------|-----------------|-------------------------------|---------------|
| A3J2-17 -42 | A10J5-5 OE1 | KEYLINE TO XCVR NO. 5 GND | GRN PR ORN |
| -18 -43 | A10J6-5 OE1 | KEYLINE TO XCVR NO. 6 GND | WHT PR BLU |
| -19 -44 | A10J7-5 OE1 | KEYLINE TO XCVR NO. 7 GND | WHT YEL PR |
| -20 -45 | A10J8-5 OE1 | KEYLINE TO XCVR NO. 8 GND | WHT PR BRN |
| -21 -46 | A10J9-5 OE1 | KEYLINE TO XCVR NO. 9 GND | WHT PR ORN |
| -22 -47 | A10J10-5 OE1 | KEYLINE TO XCVR NO. 10 GND | BLU PR YEL |
| -23 -48 | A10J11-5 OE1 | KEYLINE TO XCVR NO. 11 GND | BLU BRN |
| -24 -49 | A10J12-5 OE1 | KEYLINE TO XCVR NO. 12 GND | BLU ORN |
| -25 -50 | NC NC | | |

CONSOLE A

Table 7-103. Bann Site - RF Equipment Bay Cable W6, 7052-2056

| From | To | Function | Notes |
|---------------|-------------------|--|------------------------|
| A3P1-1 -26 | A10J50-1 50-26 | RCV AUDIO IN NO. 1 TO CONT.CON.S . RCV AUDIO IN NO. 1 TO CONT.CON.S. | BLU,WHT WHT/BLU |
| -2 -27 | 50-2 50-27 | RCV AUDIO IN NO. 2 TO CONT.CON.S. RCV AUDIO IN NO. 2 TO CONT.CON.S. | ORN/WHT WHT/ORN |
| -3 -28 | 50-3 50-28 | RCV AUDIO IN NO. 3 TO CONT.CON.S. RCV AUDIO IN NO. 3 TO CONT.CON.S. | GRN/WHT WHT/GRN |
| -4 -29 | 50-4 50-29 | RCV AUDIO IN NO. 4 TO CONT.CON.S . RCV AUDIO IN NO. 4 TO CONT.CON.S. | BRN/WHT WHT/BRN |
| -5 -30 | 50-5 50-30 | RCV AUDIO IN NO. 5 TO CONT.CON.S. RCV AUDIO IN NO. 5 TO CONT.CON.S. | SLATE/WHT WHT/SLATE |
| -6 -31 | 50-6 50-31 | RCV AUDIO IN NO. 6 TO CONT.CON.S . RCV AUDIO IN NO. 6 TO CONT.CON.S. | BLU/RED RED/BLU |
| -7 -32 | 50-7 50-32 | RCV AUDIO IN NO. 7 TO CONT.CON.S. RCV AUDIO IN NO. 7 TO CONT.CON.S | ORN/RED RED/ORN |
| -8 -33 | 50-8 50-33 | RCV AUDIO IN NO. 8 TO CONT.CON.S RCV AUDIO IN NO. 8 TO CONT.CON.S | GRN/RED RED/GRN |
| -9 -34 | 50-9 50-34 | RCV AUDIO IN NO. 9 TO CONT.CON.S. RCV AUDIO IN NO. 9 TO CONT.CON.S. | BRN/RED RED/BRN |
| -10 -35 | 50-10 50-35 | RCV AUDIO IN NO. 10 TO CONT.CON.S. RCV AUDIO IN NO. 10 TO CONT.CON.S. | SLATE/RED RED/SLATE |
| -11 -36 | 50-11 50-36 | RCV AUDIO IN NO. 11 TO CONT.CON.S. RCV AUDIO IN NO. 11 TO CONT.CON.S. | BLU/BLK BLK/BLU |
| -12 -37 | 50-12 50-37 | RCV AUDIO IN NO. 12 TO CONT.CON.S. RCV AUDIO IN NO. 12 TO CONT.CON.S. | ORN/BLK BLK/ORN |
| -13 -38 | 50-13 50-38 | XMIT AUDIO OUT NO. 1 FROM CONT.CON.S XMIT AUDIO OUT NO. 1 FROM CONT.CON.S | GRN/BLK BLK/GRN |
| -14 -39 | 50-14 50-39 | XMIT AUDIO OUT NO. 2 FROM CONT.CON.S XMIT AUDIO OUT NO. 2 FROM CONT.CON.S | BRN/BLK/ BLK/BRN |
| -15 -40 | 50-15 50-40 | XMIT AUDIO OUT NO. 3 FROM CONT.CON.S XMIT AUDIO OUT NO. 3 FROM CONT.CON.S | SLATE/BLK BLK/SLATE |
| -16 -41 | 50-16 50-41 | XMIT AUDIO OUT NO. 4 FROM CONT.CON.S XMIT AUDIO OUT NO. 4 FROM CONT.CON.S | BLU/YEL YEL/BLU |

CONSOLE A

Table 7-103. Bann Site - RF Equipment Bay Cable W6, 7052-2056 (Cont.)

| From | To | Function | Notes |
|----------------|--------------------|--|------------------------|
| A3P1-17 -42 | A10J50-17 50-42 | XMIT AUDIO OUT NO. 5 FROM CONT.CONSE XMIT AUDIO OUT NO. 5 FROM CONT.CONSE | ORN/YEL YEL/ORN |
| -18 -43 | 50-18 50-43 | XMIT AUDIO OUT NO. 6 FROM CONT.CONSE, XMIT AUDIO OUT NO. 6 FROM CONT.CONSE | GRN/YEL YEL/GRN |
| -19 -44 | 50-19 50-44 | XMIT AUDIO OUT NO. 7 FROM CONT.CONSE. XMIT AUDIO OUT NO. 7 FROM CONT.CONSE. | BRN/YEL YEL/BRN |
| -20 -45 | 50-20 50-45 | XMIT AUDIO OUT NO. 8 FROM CONT.CONSE. XMIT AUDIO OUT NO. 8 FROM CONT.CONSE. | SLATE/YEL YEL/SLATE |
| -21 -46 | 50-21 50-46 | XMIT AUDIO OUT NO, 9 FROM CONT.CONSE. XMIT AUDIO OUT NO. 9 FROM CONT.CONSE. | BLU/VIO VIO/BLU |
| -22 -47 | 50-22 50-47 | XMIT AUDIO OUT NO. 10 FROM CONT.CONSE XMIT AUDIO OUT NO. 10 FROM CONT.CONSE | ORN/VIO VIO/ORN |
| -23 -48 | 50-23 50-48 | XMIT AUDIO OUT NO. 11 FROM CONT.CONSE XMIT AUDIO OUT NO. 11 FROM CONT.CONSE | GRN/VIO VIO/GRN |
| -24 -49 | 50-24 50-49 | XMIT AUDIO OUT NO. 12 FROM CONT.CONSE XMIT AUDIO OUT NO. 12 FROM CONT.CONSE | BRN/VIO VIO/BRN |
| -25 -50 | 50-25 50-50 | | SLATE/VIO VIO/SLATE |

CONSOLE A

Table 7-104. Bann Site - RF Equipment Bay Cable W7, 7052-2057

| From | To | Function | Notes |
|---------------|-----------------|--|------------------------|
| A3P2-1 -26 | A10J49-1 -26 | TTY KEY NO. 1 FROM CONT CONS TTY KEY NO. 1 FROM CONT CONS | BLU/WHT WHT/BLU |
| -2 -27 | -2 -27 | TTY KEY NO. 2 FROM CONT CONS TTY KEY NO. 2 FROM CONT CONS | ORN/WHT WHT/ORN |
| -3 -28 | -3 -28 | TTY KEY NO. 3 FROM CONT CONS TTY KEY NO. 3 FROM CONT CONS | GRN/WHT WHT/GRN |
| -4 -29 | -4 -29 | TTY KEY NO. 4 FROM CONT CONS TTY KEY NO. 4 FROM CONT CONS | BRN/WHT WHT/BRN |
| -5 -30 | -5 -30 | TTY NO. 1 AUDIO OUT FROM CONT CONS TTY NO. 1 AUDIO OUT FROM CONT CONS | SLATE/WHT WHT/SLATE |
| -6 -31 | -6 -31 | TTY NO. 1 AUDIO IN FROM CONT CONS TTY NO. 1 AUDIO IN FROM CONT CONS | BLU/RED RED/BLU |
| -7 -32 | -7 -32 | TTY NO. 2 AUDIO OUT FROM CONT CONS TTY NO. 2 AUDIO OUT FROM CONT CONS | ORN/RED RED/ORN |
| -8 -33 | -8 -33 | TTY NO. 2 AUDIO IN FROM CONT CONS TTY NO. 2 AUDIO IN FROM CONT CONS | GRN/RED RED/GRN |
| -9 -34 | -9 -34 | TTY NO. 3 AUDIO OUT FROM CONT CONS TTY NO. 3 AUDIO OUT FROM CONT CONS | BRN/RED RED/BRN |
| -10 -35 | -10 -35 | TTY NO. 3 AUDIO IN FROM CONT CONS TTY NO. 3 AUDIO IN FROM CONT CONS | SLATE/RED RED/SLATE |
| -11 -36 | -11 -36 | TTY NO. 4 AUDIO OUT FROM CONT CONS TTY NO. 4 AUDIO OUT FROM CONT CONS | BLU/BLK BLK/BLU |
| -12 -37 | -12 -37 | TTY NO. 4 AUDIO IN FROM CONT CONS TTY NO. 4 AUDIO IN FROM CONT CONS | ORN/BLK BLK/ORN |
| -13 -38 | -13 -38 | KEYLINE NO. 1 FROM CONT CONS GND | GRN/BLK BLK/GRN |
| -14 -39 | -14 -39 | KEYLINE NO. 2 FROM CONT CONS GND | BRN/BLK BLK/BRN |
| -15 -40 | -15 -40 | KEYLINE NO. 3 FROM CONT CONS GND | SLATE/BLK BLK/SLATE |
| -16 -41 | -16 -41 | KEYLINE NO. 4 FROM CONT CONS GND | BLU/YEL YEL/BLU |

CONSOLE A

| From | To | Function | Notes | |
|----------------|------------------|--------------------------------------|-----------|------------------------|
| A3P2-17 -42 | A10J49-17 -42 | KEYLINE NO. 5 FROM CONT CONS GND | CONSOLE A | ORN/YEL YEL/ORN |
| -18 -43 | -18 -43 | KEYLINE NO. 6 FROM CONT CONS GND | | GRN/YEL YEL/GRN |
| -19 -44 | -19 -44 | KEYLINE NO. 7 FROM CONT CONS GND | | BRN/YEL YEL/BRN |
| -20 -45 | -20 -45 | KEYLINE NO. 8 FROM CONT CONS GND | | SLATE/YEL YEL/SLATE |
| -21 -46 | -21 -46 | KEYLINE NO. 9 FROM CONT CONS GND | | BLU/VIO VIO/BLU |
| -22 -47 | -22 -47 | KEYLINE NO. 10 FROM CONT CONS GND | | ORN/VIO VIO/ORN |
| -23 -48 | -23 -48 | KEYLINE NO. 11 FROM CONT CONS GND | | GRN/VIO VIO/GRN |
| -24 -49 | -24 -49 | KEYLINE NO. 12 FROM CONT CONS GND | | BRN/VIO VIO/BRN |
| -25 -50 | NC NC | | | SLATE/VIO VIO/SLATE |
| A10J49-25 | A10E1 | GND | | BLK |

Table 7-105. Bann Site - RF Equipment Bay Cable W8, 7052-2058

| From | To | Function | Notes |
|-----------------|----------------------|--|----------------------|
| A4J1-1 -26 | A10J13-6 13-7 | RCV AUDIO IN FROM XCVR NO. 1 RCV AUDIO IN FROM XCVR NO. 1 | BLK RED PR |
| -2 -27 | 14-6 14-7 | RCV AUDIO IN FROM XCVR NO. 2 RCV AUDIO IN FROM XCVR NO. 2 | BLK WHT PR |
| -3 -28 | 15-6 15-7 | RCV AUDIO IN FROM XCVR NO. 3 RCV AUDIO IN FROM XCVR NO. 3 | BLK GRN PR |
| -4 -29 | 16-6 16-7 | RCV AUDIO IN FROM XCVR NO. 4 RCV AUDIO IN FROM XCVR NO. 4 | BLK BLU PR |
| -5 -30 | 17-6 17-7 | RCV AUDIO IN FROM XCVR NO. 5 RCV AUDIO IN FROM XCVR NO. 5 | BLK YEL PR |
| -6 -31 | 18-6 18-7 | RCV AUDIO IN FROM XCVR NO. 6 RCV AUDIO IN FROM XCVR NO. 6 | BLK BRN PR |
| -7 -32 | 19-6 19-7 | RCV AUDIO IN FROM XCVR NO. 7 RCV AUDIO IN FROM XCVR NO. 7 | BLK ORN PR |
| -8 -33 -9 | 20-6 20-7 21-6 | RCV AUDIO IN FROM XCVR NO. 8 RCV AUDIO IN FROM XCVR NO. 8 RCV AUDIO IN FROM XCVR NO. 9 | RED WHT RED PR |
| -9 -34 | 21-6 21-7 | RCV AUDIO IN FROM XCVR NO. 9 RCV AUDIO IN FROM XCVR NO. 9 | RED GRN PR |
| -10 -35 | 22-6 22-7 | RCV AUDIO IN FROM XCVR NO. 10 RCV AUDIO IN FROM XCVR NO. 10 | RED BLU PR |
| -11 -36 | 23-6 23-7 | RCV AUDIO IN FROM XCVR NO. 11 RCV AUDIO IN FROM XCVR NO. 11 | RED YEL PR |
| -12 -37 | 24-6 24-7 | RCV AUDIO IN FROM XCVR NO. 12 RCV AUDIO IN FROM XCVR NO. 12 | RED BRN PR |
| -13 -38 | 13-1 13-2 | XMIT AUDIO OUT TO XCVR NO. 1 XMIT AUDIO OUT TO XCVR NO. 1 | GRN WHT PR |
| -14 -39 | 14-1 14-2 | XMIT AUDIO OUT TO XCVR NO. 2 XMIT AUDIO OUT TO XCVR NO. 2 | GRN BLU PR |
| -15 -40 | 15-1 15-2 | XMIT AUDIO OUT TO XCVR NO. 3 XMIT AUDIO OUT TO XCVR NO. 3 | GRN YEL PR |
| -16 -41 | 16-1 16-2 | XMIT AUDIO OUT TO XCVR NO. 4 XMIT AUDIO OUT TO XCVR NO. 4 | GRN BRN PR |

-CONSOLE A

Table 7-105. Bann Site - RF Equipment Bay Cable W8, 7052-2058 (Cont.)

| From | To | Function | Notes |
|----------------|------------------|--|---------------|
| A4J1-17 -42 | A10J17-1 17-2 | XMIT AUDIO OUT TO XCVR NO. 5 XMIT AUDIO OUT TO XCVR NO. 5 | GRN PR ORN |
| -18 -43 | 18-1 18-2 | XMIT AUDIO OUT TO XCVR NO. 6 XMIT AUDIO OUT TO XCVR NO. 6 | WHT PR BLU |
| -19 -44 | 19-1 19-2 | XMIT AUDIO OUT TO XCVR NO. 6 XMIT AUDIO OUT TO XCVR NO. 6 | WHT PR YEL |
| -20 -45 | 20-1 20-2 | XMIT AUDIO OUT TO XCVR NO. 7 XMIT AUDIO OUT TO XCVR NO. 7 | WHT PR BRN |
| -21 -46 | 21-1 21-2 | XMIT AUDIO OUT TO XCVR NO. 8 XMIT AUDIO OUT TO XCVR NO. 8 | WHT PR ORN |
| -22 -47 | 22-1 22-2 | XMIT AUDIO OUT TO XCVR NO. 10 XMIT AUDIO OUT TO XCVR NO. 10 | BLU PR YEL |
| -23 -48 | 23-1 23-2 | XMIT AUDIO OUT TO XCVR NO. 11 XMIT AUDIO OUT TO XCVR NO. 11 | BLU PR BRN |
| -24 -49 | 24-1 24-2 | XMIT AUDIO OUT TO XCVR NO. 12 XMIT AUDIO OUT TO XCVR NO. 12 | BLU PR ORN |
| -25 -50 | NC NC | | |
| SHIELD | E1 | | SHLD |

CONSOLE B

Table 7-106. Bann Site - RF Equipment Bay Cable W9, 7052-2059

| From | To | Function | Notes |
|---------------|--------------------|--|---------------|
| A4J2-1 -26 | A10J41-15 41-15 | TTY KEY TO TTY NO. 1 TTY KEY TO TTY NO. 1 | BLK PT RED |
| -2 -27 | 42-15 42-15 | TTY KEY TO TTY NO. 2 TTY KEY TO TTY NO. 2 | BLK PR WHT |
| -3 -28 | 43-15 43-15 | TTY KEY TO TTY NO. 3 TTY KEY TO TTY NO. 3 | BLK PR GRN |
| -4 -29 | 44-15 44-15 | TTY KEY TO TTY NO. 4 TTY KEY TO TTY NO. 4 | BLK PR BLU |
| -5 -30 | 41-5 41-13 | TTY NO. 1 AUDIO OUT TO TTY TTY NO. 1 AUDIO OUT TO TTY | BLK PR YEL |
| -6 -31 | 41-6 41-14 | TTY NO. 1 AUDIO IN TO TTY TTY NO. 1 AUDIO IN TO TTY | BLK PR BRN |
| -7 -32 | 42-5 42-13 | TTY NO. 2 AUDIO OUT TO TTY TTY NO. 2 AUDIO OUT TO TTY | BLK PR ORN |
| -8 -33 | 42-6 42-14 | TTY NO. 2 AUDIO IN TO TTY TTY NO. 2 AUDIO IN TO TTY | RED PR WHT |
| -9 -34 | 43-5 43-13 | TTY NO. 3 AUDIO OUT TO TTY TTY NO. 3 AUDIO OUT TO TTY | RED PR GRN |
| -10 -35 | 43-6 43-14 | TTY NO. 3 AUDIO IN TO TTY TTY NO. 3 AUDIO IN TO TTY | RED PR BLU |
| -11 -36 | 44-5 44-13 | TTY NO. 4 AUDIO OUT TO TTY TTY NO. 4 AUDIO OUT TO TTY | RED PR YEL |
| -12 -37 | 44-6 44-14 | TTY NO. 4 AUDIO IN TO TTY TTY NO. 4 AUDIO IN TO TTY | RED PR BRN |
| -13 -38 | 13-5 A10E1 | KEYLINE TO XCVR NO. 1 GND | GRN PR WHT |
| -14 -39 | A10J14-5 A10E1 | KEYLINE TO XCVR NO. 2 GND | GRN PR BLU |
| -15 -40 | A10J15-5 A10E1 | KEYLINE TO XCVR NO. 3 GND | GRN PR YEL |
| -16 -41 | A10J16-5 A10E1 | KEYLINE TO XCVR NO. 4 GND | GRN PR BRN |

CONSOLE B

Table 7-106. Bann Site - RF Equipment Bay Cable W9, 7052-2059 (Cont.)

| From | To | Function | Notes |
|----------------|-------------------|-------------------------------|---------------|
| A4J2-17 -42 | A10J17-5 A10E1 | KEYLINE TO XCVR NO. 5 GND | GRN PR ORN |
| -18 -43 | A10J18-5 A10E1 | KEYLINE TO XCVR NO. 6 GND | WHT PR BLU |
| -19 -44 | A10J19-5 A10E1 | KEYLINE TO XCVR NO. 7 GND | WHT PR YEL |
| -20 -45 | A10J20-5 A10E1 | KEYLINE TO XCVR NO. 8 GND | WHT PR BRN |
| -21 -46 | A10J21-5 A10E1 | KEYLINE TO XCVR NO. 9 GND | WHT PR ORN |
| -22 -47 | A10J22-5 A10E1 | KEYLINE TO XCVR NO. 10 GND | BLU PR YEL |
| -23 -48 | A10J23-5 A10E1 | KEYLINE TO XCVR NO. 11 GND | BLU PR BRN |
| -24 -49 | A10J24-5 A10E1 | KEYLINE TO XCVR NO. 12 GND | BLU PR ORN |
| -25 -50 | NC NC | | |

CONSOLE B

Table 7-107. Bann Site - RF Equipment Bay Cable W10, 7052-2060

| From | To | Function | Notes |
|---------------|-----------------|--|------------------------|
| A4P1-1 -26 | A10J52-1 -26 | RCV AUDIO IN NO. 1 TO CONT.CONNS. RCV AUDIO IN NO. 1 TO CONT.CONNS. | BLU/WHT WHT/BLU |
| -2 -27 | -2 -27 | RCV AUDIO IN NO. 2 TO CONT.CONNS. RCV AUDIO IN NO. 2 TO CONT.CONNS. | ORN/WHT WHT/ORN |
| -3 -28 | -3 -28 | RCV AUDIO IN NO. 3 TO CONT.CONNS. RCV AUDIO IN NO. 3 TO CONT.CONNS. | GRN/WHT WHT/GRN |
| -4 -29 | -4 -29 | RCV AUDIO IN NO. 4 TO CONT.CONNS. RCV AUDIO IN NO. 4 TO CONT.CONNS. | BRN/WHT WHT/BRN |
| -5 -30 | -5 -30 | RCV AUDIO IN NO. 5 TO CONT.CONNS. RCV AUDIO IN NO. 5 TO CONT.CONNS. | SLATE/WHT WHT/SLATE |
| -6 -31 | -6 -31 | RCV AUDIO IN NO. 6 TO CONT.CONNS. RCV AUDIO IN NO. 6 TO CONT.CONNS. | BLU/RED RED/BLU |
| -7 -32 | -7 -32 | RCV AUDIO IN NO. 7 TO CONT.CONNS. RCV AUDIO IN NO. 7 TO CONT.CONNS. | ORN/RED RED/ORN |
| -8 -33 | -8 -33 | RCV AUDIO IN NO. 8 TO CONT.CONNS. RCV AUDIO IN NO. 8 TO CONT.CONNS. | GRN/RED RCD/GRN |
| -9 -34 | -9 -34 | RCV AUDIO IN NO. 9 TO CONT.CONNS. RCV AUDIO IN NO. 9 TO CONT.CONNS. | BRN/RED RED/BRN |
| -10 -35 | -10 -35 | RCV AUDIO IN NO. 10 TO CONT.CONNS. RCV AUDIO IN NO. 10 TO CONT.CONNS. | SLATE/RED RED/SLATE |
| -11 -36 | -11 -36 | RCV AUDIO IN NO. 11 TO CONT.CONNS. RCV AUDIO IN NO. 11 TO CONT.CONNS. | BLU/BLK BLK/BLU |
| -12 -37 | -12 -37 | RCV AUDIO IN NO. 12 TO CONT.CONNS. RCV AUDIO IN NO. 12 TO CONT.CONNS. | ORN/BLK BLK/ORN |
| -13 -38 | -13 -38 | XMIT AUDIO OUT NO. 1 FROM CONT.CONNS XMIT AUDIO OUT NO. 1 FROM CONT.CONNS | GRN/BLK BLK/GRN |
| -14 -39 | -14 -39 | XMIT AUDIO OUT NO. 2 FROM CONT.CONNS XMIT AUDIO OUT NO. 2 FROM CONT.CONNS | BRN/BLK BLK/BRN |
| -15 -40 | -15 -40 | XMIT AUDIO OUT NO. 3 FROM CONT.CONNS XMIT AUDIO OUT NO. 3 FROM CONT.CONNS | SLATE/BLK BLK/SLATE |
| -16 -41 | -16 -41 | XMIT AUDIO OUT NO. 4 FROM CONT.CONNS XMIT AUDIO OUT NO. 4 FROM CONT.CONNS | BLU/YEL YEL/BLU |

CONSOLE B

Table 7-107. Bann Site - RF Equipment Bay Cable W10, 7052-2060 (Cont.)

| From | To | Function | Notes |
|----------------|------------------|--|------------------------|
| A4P1-17 -42 | A10J52-17 -42 | XMIT AUDIO OUT NO. 5 FROM CONT.CON.S. XMIT AUDIO OUT NO. 5 FROM CONT.CON.S. | ORN/YEL YEL/ORN |
| -18 -43 | -18 -43 | XMIT AUDIO OUT NO. 6 FROM CONT.CON.S. XMIT AUDIO OUT NO. 6 FROM CONT.CON.S. | GRN/YEL YEL/GRN |
| -19 -44 | -19 -44 | XMIT AUDIO OUT NO. 7 FROM CONT.CON.S. XMIT AUDIO OUT NO. 7 FROM CONT.CON.S. | BRN/YEL YEL/BRN |
| -20 -45 | -20 -45 | XMIT AUDIO OUT NO. 8 FROM CONT.CON.S. XMIT AUDIO OUT NO. 8 FROM CONT.CON.S. | SLATE/YEL YEL/SLATE |
| -21 -46 | -21 -46 | XMIT AUDIO OUT NO. 9 FROM CONT.CON.S. XMIT AUDIO OUT NO. 9 FROM CONT.CON.S. | BLU/VIO VIO/BLU |
| -22 -47 | -22 -47 | XMIT AUDIO OUT NO. 10 FROM CONT.CON.S. XMIT AUDIO OUT NO. 10 FROM CONT.CON.S. | ORN/VIO VIO/ORN |
| -23 -48 | -23 -48 | XMIT AUDIO OUT NO. 11 FROM CONT.CON.S. XMIT AUDIO OUT NO. 11 FROM CONT.CON.S. | GRN/VIO VIO/GRN |
| -24 -49 | -24 -49 | XMIT AUDIO OUT NO. 12 FROM CONT.CON.S. XMIT AUDIO OUT NO. 12 FROM CONT.CON.S. | BRN/VIO VIO/BRN |
| -25 -50 | -25 -50 | | SLATE/VIO VIO/SLATE |

CONSOLE B

Table 7-108. Bann Site - RF Equipment Bay Cable W11, 7052-2061

| From | To | Function | Notes |
|---------------|-----------------|--|------------------------|
| A4P2-1 -26 | A10J51-1 -26 | TTY KEY NO. 1 FROM CONT CONS TTY KEY NO. 1. FROM CONT CONS | BLU/WHT WHT/BLU |
| -2 -27 | -2 -27 | TTY KEY NO. 2 FROM CONT CONS TTY KEY NO. 2 FROM CONT CONS | ORN/WHT WHT/ORN |
| -3 -28 | -3 -28 | TTY KEY NO. 3 FROM CONT CONS TTY KEY NO. 3 FROM CONT CONS | GRN/WHT WHT/GRN |
| -4 -29 | -4 -29 | TTY KEY NO. 4 FROM CONT CONS TTY KEY NO. 4 FROM CONT CONS | BRN/WHT WHT/BRN |
| -5 -30 | -5 -30 | TTY NO. 1 AUDIO OUT FROM CONT CONS TTY NO. 1 AUDIO OUT FROM CONT CONS | SLATE/WHT WHT/SLATE |
| -6 -31 | -6 -31 | TTY NO. 1 AUDIO IN FROM CONT CONS TTY NO. 1 AUDIO IN FROM CONT CONS | BLU/RED RED/BLU |
| -7 -32 | -7 -32 | TTY NO. 2 AUDIO OUT FROM CONT CONS TTY NO. 2 AUDIO OUT FROM CONT CONS | ORN/RED RED/ORN |
| -8 -33 | -8 -33 | TTY NO. 2 AUDIO IN FROM CONT CONS a TTY NO. 2 AUDIO IN FROM CONT CONS U | GRN/RED RED/GRN |
| -9 -34 | -9 -34 | TTY NO. 3 AUDIO OUT FROM CONT CONS TTY NO. 3 AUDIO OUT FROM CONT CONS | BRN/RED RED/BRN |
| -10 -35 | -10 -35 | TTY NO. 3 AUDIO IN FROM CONT CONS TTY NO. 3 AUDIO IN FROM CONT CONS | SLATE/RED RED/SLATE |
| -11 -36 | -11 -36 | TTY NO. 4 AUDIO OUT FROM CONT CONS TTY NO. 4 AUDIO OUT FROM CONT CONS | BLU/BLK BLK/BLU |
| -12 -37 | -12 -37 | TTY NO. 4 AUDIO IN FROM CONT CONS TTY NO. 4 AUDIO IN FROM CONT CONS | ORN/BLK BLK/ORN |
| -13 -38 | -13 -38 | KEYLINE NO. 1 FROM CONT CONS GND BLK/GRN | GRN/BLK |
| -14 -39 | -14 -39 | KEYLINE NO. 2 FROM CONT CONS GND | BRN/BLK BLK/BRN |
| -15 -40 | -15 -40 | KEYLINE NO. 3 FROM CONT CONS GND | SLATE/BLK BLK/SLATE |
| -16 -41 | -16 -41 | KEYLINE NO. 4 FROM CONT CONS GND | BLU/YEL YEL/BLU |

CONSOLE B

Table 7-108. Bann Site - RF Equipment Bay Cable W11, 7052-2061 (Cont.)

| From | To | Function | Notes |
|----------------|------------------|--------------------------------------|------------------------|
| A4P2-17 -42 | A10J51-17 -42 | KEYLINE NO. 5 FROM CONT CONS GND | ORN/YEL YEL/ORN |
| -18 -43 | -18 -43 | KEYLINE NO. 6 FROM CONT CONS GND | GRN/YEL YEL/GRN |
| -19 -44 | -19 -44 | KEYLINE NO. 7 FROM CONT CONS GND | BRN/YEL YEL/BRN |
| -20 -45 | -20 -45 | KEYLINE NO. 8 FROM CONT CONS GND | SLATE/YEL YEL/SLATE |
| -21 -46 | -21 -46 | KEYLINE NO. 9 FROM CONT CONS GND | BLU/VIO VIO/BLU |
| -22 -47 | -22 -47 | KEYLINE NO. 10 FROM CONT CONS GND | ORN/VIO VIO/ORN |
| -23 -48 | -23 -48 | KEYLINE NO. 11 FROM CONT CONS GND | GRN/VIO VIO/GRN |
| -24 -49 | -24 -49 | KEYLINE NO. 12 FROM CONT CONS GND | BRN/VIO VIO/BRN |
| -25 -50 | NC NC | | SLATE/VIO VIO/SLATE |
| A10J51-25 | A10E1 | GND | BLK |

CONSOLE B

Table 7-109. Bann Site - RF Equipment Bay Cable W12, 7052-2062

| From | To | Function | Notes |
|---------------|------------------|--|----------------|
| A5J1-1 -26 | A10J25-6 25-7 | RCV AUDIO IN FROM XCVR NO. 1 RCV AUDIO IN FROM XCVR NO. 1 | BLK PR RED |
| -2 -27 | 26-6 26-7 | RCV AUDIO IN FROM XCVR NO. 2 RCV AUDIO IN FROM XCVR NO. 2 | BLK PR WHT |
| -3 -28 | 27-6 27-7 | RCV AUDIO IN FROM XCVR NO. 3 RCV AUDIO IN FROM XCVR NO. 3 | BLK PR GRN |
| -4 -29 | 28-6 28-7 | RCV AUDIO IN FROM XCVR NO. 4 RCV AUDIO IN FROM XCVR NO. 4 | BLK PR BLU |
| -5 -30 | 29-6 29-7 | RCV AUDIO IN FROM XCVR NO. 5 RCV AUDIO IN FROM XCVR NO. 5 | BLK PR YEL |
| -6 -31 | 30-6 30-7 | RCV AUDIO IN FROM XCVR NO. 6 RCV AUDIO IN FROM XCVR NO. 6 | BLK PR BRN |
| -7 -32 | 31-6 31-7 | RCV AUDIO IN FROM XCVR NO. 7 RCV AUDIO IN FROM XCVR NO. 7 | BLK PR ORN |
| -8 -33 | 32-6 32-7 | RCV AUDIO IN FROM XCVR NO. 8 RCV AUDIO IN FROM XCVR NO. 8 | RED PR WHT |
| -9 -34 | 33-6 33-7 | RCV AUDIO IN FROM XCVR NO. 9 RCV AUDIO IN FROM XCVR NO. 9 | RED PR GRN |
| -10 -35 | 34-6 34-7 | RCV AUDIO IN FROM XCVR NO. 10 RCV AUDIO IN FROM XCVR NO. 10 | RED PR BLU |
| -11 -36 | 35-6 35-7 | RCV AUDIO IN FROM XCVR NO. 11 RCV AUDIO IN FROM XCVR NO. 11 | RED PR YEL |
| -12 -37 | 36-6 36-7 | RCV AUDIO IN FROM XCVR NO. 12 RCV AUDIO IN FROM XCVR NO. 12 | RED PR BRN |
| -13 -38 | 25-1 25-2 | XMIT AUDIO OUT TO XCVR NO. 1 XMIT AUDIO OUT TO XCVR NO. 1 | G RN PR WHT |
| -14 -39 | 26-1 26-2 | XMIT AUDIO OUT TO XCVR NO. 2 XMIT AUDIO OUT TO XCVR NO. 2 | GRN PR BLU |
| -15 -40 | 27-1 27-2 | XMIT AUDIO OUT TO XCVR NO. 3 XMIT AUDIO OUT TO XCVR NO. 3 | GRN PR YEL |
| -16 -41 | 28-1 28-2 | XMIT AUDIO OUT TO XCVR NO. 4 XMIT AUDIO OUT TO XCVR NO. 4 BRN | GRN PR |

CONSOLE C

Table 7-109. Bann Site - RF Equipment Bay Cable W12, 7052-2062 (Cont.)

| From | To | Function | Notes |
|---------|----------|-------------------------------|-----------|
| A5J1-17 | A10J29-1 | XMIT AUDIO OUT TO XCVR NO. 5 | CONSOLE C |
| -42 | 29-2 | XMIT AUDIO OUT TO XCVR NO. 5 | |
| -18 | 30-1 | XMIT AUDIO OUT TO XCVR NO. 6 | |
| -43 | 30-2 | XMIT AUDIO OUT TO XCVR NO. 6 | |
| -19 | 31-1 | XMIT AUDIO OUT TO XCVR NO. 7 | |
| -44 | 31-2 | XMIT AUDIO OUT TO XCVR NO. 7 | |
| -20 | 32-1 | XMIT AUDIO OUT TO XCVR NO. 8 | |
| -45 | 32-2 | XMIT AUDIO OUT TO XCVR NO. 8 | |
| -21 | 33-1 | XMIT AUDIO OUT TO XCVR NO. 9 | |
| -46 | 33-2 | XMIT AUDIO OUT TO XCVR NO. 9 | |
| -22 | 34-1 | XMIT AUDIO OUT TO XCVR NO. 10 | |
| -47 | 34-2 | XMIT AUDIO OUT TO XCVR NO. 10 | |
| -23 | 35-1 | XMIT AUDIO OUT TO XCVR NO. 11 | PR |
| -48 | 35-2 | XMIT AUDIO OUT TO XCVR NO. 11 | |
| -24 | 36-1 | XMIT AUDIO OUT TO XCVR NO. 12 | PR |
| -49 | 36-2 | XMIT AUDIO OUT TO XCVR NO. 12 | |
| -25 | NC | | |
| -50 | NC | | |
| SHIELD | E1 | | SHLD |

Table 7-110. Bann Site - RF Equipment Bay Cable W13, 7052-2063

| From | To | Function | Notes |
|---------------|-------------------|--|---------------|
| A5J2-1 -26 | A10J45-15 -15 | TTY KEY TO TTY NO. 1 TTY KEY TO TTY NO. 1 | BLK PR RED |
| -2 -27 | -15 -15 | TTY KEY TO TTY NO. 2 TTY KEY TO TTY NO. 2 | BLK PR WHT |
| -3 -28 | -15 -15 | TTY KEY TO TTY NO. 3 TTY KEY TO TTY NO. 3 | BLK PR GRN |
| -4 -29 | -15 -15 | TTY KEY TO TTY NO. 4 TTY KEY TO TTY NO. 4 | BLK PR BLU |
| -5 -30 | -5 -13 | TTY NO. 1 AUDIO OUT TO TTY TTY NO. 1 AUDIO OUT TO TTY | BLK PR YEL |
| -6 -31 | -6 -14 | TTY NO. 1 AUDIO IN TO TTY TTY NO. 1 AUDIO IN TO TTY | BLK PR BRN |
| -7 -32 | _5 -13 | TTY NO. 2 AUDIO OUT TO TTY TTY NO. 2 AUDIO OUT TO TTY | BLK PR ORN |
| -8 -33 | -6 -14 | TTY NO. 2 AUDIO IN TO TTY TTY NO. 2 AUDIO IN TO TTY | RED PR WHT |
| -9 -34 | -5 -13 | TTY NO. 3 AUDIO OUT TO TTY TTY NO. 3 AUDIO OUT TO TTY | RED PR GRN |
| -10 -35 | -6 -14 | TTY NO. 3 AUDIO IN TO TTY TTY NO. 3 AUDIO IN TO TTY | RED PR BLU |
| -11 -36 | _5 -13 | TTY NO. 4 AUDIO OUT TO TTY TTY NO. 4 AUDIO OUT TO TTY | RED PR YEL |
| -12 -37 | -6 -14 | TTY NO. 4 AUDIO IN TO TTY TTY NO. 4 AUDIO IN TO TTY | RED PR BRN |
| -13 -38 | A10J25-5 A10E1 | KEYLINE TO XCVR NO. 1 GND | GRN PR WHT |
| -14 -39 | A10J26-5 A10E1 | KEYLINE TO XCVR NO. 2 GND | GRN PR BLU |
| -15 -40 | A10J27-5 A10E1 | KEYLINE TO XCVR NO. 3 GND | GRN PR YEL |
| -16 F -41 | A10J28-5 A10E1 | KEYLINE TO XCVR NO. 4 GND | GRN PR BRN |

CONSOLE C

Table 7-110. Bann Site - RF Equipment Bay Cable W13, 7052-2063 (Cont.)

| From | To | Function | Notes |
|----------------|-------------------|-------------------------------|---------------|
| A5J2-17 -42 | A10J29-5 A10E1 | KEYLINE TO XCVR NO. 5 GND | GRN PR ORN |
| -18 -43 | A10J30-5 A10E1 | KEYLINE TO XCVR NO. 6 GND | WHT PR BLU |
| -19 -44 | A10J31-5 A10E1 | KEYLINE TO XCVR NO. 7 GND | WHT PR YEL |
| -20 -45 | A10J32-5 A10E1 | KEYLINE TO XCVR NO. 8 GND | WHT PR BRN |
| -21 -46 | A10J33-5 A10E1 | KEYLINE TO XCVR NO. 9 GND | WHT PR ORN |
| -22 -47 | A10J34-5 A10E1 | KEYLINE TO XCVR NO. 10 GND | BLU PR YEL |
| -23 -48 | A10J35-5 A10E1 | KEYLINE TO XCVR NO. 11 GND | BLU PR BRN |
| -24 -49 | A10J36-6 A10E1 | KEYLINE TO XCVR NO. 12 GND | BLU PR ORN |
| -25 -50 | NC NC | | |

CONSOLE C

Table 7-111. Bann Site - RF Equipment Bay Cable W14, 7052-2064

| From | To | Function | Notes |
|---------------|-----------------|--|------------------------|
| A5P1-1 -26 | A10J54-1 -26 | RCV AUDIO IN NO. 1 TO CONT.CON.S. RCV AUDIO IN NO. 1 TO CONT.CON.S. | BLU/WHT WHT/BLU |
| -2 -27 | -2 -27 | RCV AUDIO IN NO. 2 TO CONT.CON.S. RCV AUDIO IN NO. 2 TO CONT.CON.S. | ORN/WHT WHT/ORN |
| -3 -28 | -3 -28 | RCV AUDIO IN NO. 3 TO CONT.CON.S. RCV AUDIO IN NO. 3 TO CONT.CON.S. | GRN/WHT WHT/GRN |
| -4 -29 | -4 -29 | RCV AUDIO IN NO. 4 TO CONT.CON.S. RCV AUDIO IN NO. 4 TO CONT.CON.S. | BRN/WHT WHT/BRN |
| -5 -30 | -5 -30 | RCV AUDIO IN NO. 5 TO CONT.CON.S. RCV AUDIO IN NO. 5 TO CONT.CON.S. | SLATE/WHT WHT/SLATE |
| -6 -31 | -6 -31 | RCV AUDIO IN NO. 6 TO CONT.CON.S. RCV AUDIO IN NO. 6 TO CONT.CON.S. | BLU/RED RED/BLU |
| -7 -32 | -7 -32 | RCV AUDIO IN NO. 7 TO CONT.CON.S. RCV AUDIO IN NO. 7 TO CONT.CON.S. | ORN/RED RED/ORN |
| -8 -33 | -8 -33 | RCV AUDIO IN NO. 8 TO CONT.CON.S. RCV AUDIO IN NO. 8 TO CONT.CON.S. | GRN/RED RED/GRN |
| -9 -34 | -9 -34 | RCV AUDIO IN NO. 9 TO CONT.CON.S. RCV AUDIO IN NO. 9 TO CONT.CON.S. | BRN/RED RED/BRN |
| -10 -35 | -10 -35 | RCV AUDIO IN NO. 10 TO CONT.CON.S. RCV AUDIO IN NO. 10 TO CONT.CON.S. | SLATE/RED RED/SLATE |
| -11 -36 | -11 -36 | RCV AUDIO IN NO. 11 TO CONT.CON.S. RCV AUDIO IN NO. 11 TO CONT.CON.S. | BLU/BLK BLK/BLU |
| -12 -37 | -12 -37 | RCV AUDIO IN NO. 12 TO CONT.CON.S. RCV AUDIO IN NO. 12 TO CONT.CON.S. | ORN/BLK BLK/ORN |
| -13 -38 | -13 -38 | XMIT AUDIO OUT NO. 1 FROM CONT.CON.S. XMIT AUDIO OUT NO. 1 FROM CONT.CON.S. | GRN/BLK BLK/GRN |
| -14 -39 | -14 -39 | XMIT AUDIO OUT NO. 2 FROM CONT.CON.S. XMIT AUDIO OUT NO. 2 FROM CONT.CON.S. | BRN/BLK BLK/BRN |
| -15 -40 | -15 -40 | XMIT AUDIO OUT NO. 3 FROM CONT.CON.S. XMIT AUDIO OUT NO. 3 FROM CONT.CON.S. | SLATE/BLK BLK/SLATE |
| -16 -41 | -16 -41 | XMIT AUDIO OUT NO. 4 FROM CONT.CON.S. XMIT AUDIO OUT NO. 4 FROM CONT.CON.S. | BLU/YEL YEL/BLU |

CONSOLE C

Table 7-111. Bann Site - RF Equipment Bay Cable W14, 7052-2064 (Cont.)

| From | To | Function | Notes |
|---------|-----------|---------------------------------------|-----------|
| A5P1-17 | A10J54-17 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | ORN/YEL |
| -42 | -42 | XMIT AUDIO OUT NO. FROM CONT. CONSOLE | YEL/ORN |
| -18 | -18 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | GRN/YEL |
| -43 | -43 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | YEL/GRN |
| -19 | -19 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | BRN/YEL |
| -44 | -44 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | YEL/BRN |
| -20 | -20 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | SLATE/YEL |
| -45 | -45 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | YEL/SLATE |
| -21 | -21 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | BLU/VIO |
| -46 | -46 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | VIO/BLU |
| -22 | -22 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | ORN/VIO |
| -47 | -47 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | VIO/ORN |
| -23 | -23 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | GRN/VIO |
| -48 | -48 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | VIO/GRN |
| -24 | -24 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | BRN/VIO |
| -49 | -49 | XMIT AUDIO OUT NO. FROM CONT.CONSOLE | VIO/BRN |
| -25 | -25 | | SLATE/VIO |
| -50 | -50 | | VIO/SLATE |

Table 7-112. Bann Site - RF Equipment Bay Cable W15, 7052-2065

| From | To | Function | Notes |
|---------------|-----------------|--|------------------------|
| A5P2-1 -26 | A10J53-1 -26 | TTY KEY NO. 1 FROM CONT CONS TTY KEY NO. 1 FROM CONT CONS | BLU/WHT WHT/BLU |
| -2 -27 | -2 -27 | TTY KEY NO. 2 FROM CONT CONS TTY KEY NO. 2 FROM CONT CONS | ORN/WHT WHT/ORN |
| -3 -28 | -3 -28 | TTY KEY NO. 3 FROM CONT CONS TTY KEY NO. 3 FROM CONT CONS | GRN/WHT WHT/GRN |
| -4 -29 | -4 -29 | TTY KEY NO. 4 FROM CONT CONS TTY KEY NO. 4 FROM CONT CONS | BRN/WHT WHT/BRN |
| -5 -30 | -5 -30 | TTY NO. 1 AUDIO OUT FROM CONT CONS TTY NO. 1 AUDIO OUT FROM CONT CONS | SLATE/WHT WHT/SLATE |
| -6 -31 | -6 -31 | TTY NO. 1 AUDIO IN FROM CONT CONS TTY NO. 1 AUDIO IN FROM CONT CONS | BLU/RED RED/BLU |
| -7 -32 | -7 -32 | TTY NO. 2 AUDIO OUT FROM CONT CONS TTY NO. 2 AUDIO OUT FROM CONT CONS | ORN/RED RED/ORN |
| -8 -33 | -8 -33 | TTY NO. 2 AUDIO IN FROM CONT CONS TTY NO. 2 AUDIO IN FROM CONT CONS | GRN/RED RED/GRN |
| -9 -34 | -9 -34 | TTY NO. 3 AUDIO OUT FROM CONT CONS TTY NO. 3 AUDIO OUT FROM CONT CONS | BRN/RED RED/BRN |
| -10 -35 | -10 -35 | TTY NO. 3 AUDIO IN FROM CONT CONS TTY NO. 3 AUDIO IN FROM CONT CONS | SLATE/RED RED/SLATE |
| -11 -36 | -11 -36 | TTY NO. 4 AUDIO OUT FROM CONT CONS TTY NO. 4 AUDIO OUT FROM CONT CONS | BLU/BLK BLK/BLU |
| -12 -37 | -12 -37 | TTY NO. 4 AUDIO IN FROM CONT CONS TTY NO. 4 AUDIO IN FROM CONT CONS | ORN/BLK BLK/ORN |
| -13 -38 | -13 -38 | KEYLINE NO. 1 FROM CONT CONS GND | GRN/BLK BLK/GRN |
| -14 -39 | -14 -39 | KEYLINE NO. 2 FROM CONT CONS GND | BRN/BLK BLK/BRN |
| -15 -40 | -15 -40 | KEYLINE NO. 3 FROM CONT CONS GND | SLATE/BLK BLK/SLATE |
| -16 -41 | -16 -41 | KEYLINE NO. 4 FROM CONT CONS GND | BLU/YEL YEL/BLU |

CONSOLE C

Table 7-112. Bann Site - RF Equipment Bay Cable W15, 7052-2065 (Cont.)

| From | To | Function | | Notes | |
|----------------|------------------|--------------------|----------------|-----------|------------------------|
| A5P2-17 -42 | A10J53-17 -42 | KEYLINE NO. GND | FROM CONT CONS | CONSOLE C | ORN/YEL YEL/ORN |
| -18 -43 | -18 -43 | KEYLINE NO. GND | FROM CONT CONS | | GRN/YEL YEL/GRN |
| -19 -44 | -19 -44 | KEYLINE NO. GND | FROM CONT CONS | | BRN/YEL YEL/BRN |
| -20 -45 | -20 -45 | KEYLINE NO. GND | FROM CONT CONS | | SLATE/YEL YEL/SLATE |
| -21 -46 | -21 -46 | KEYLINE NO. GND | FROM CONT CONS | | BLU/VIO VIO/BLU |
| -22 -47 | -22 -47 | KEYLINE NO. GND | FROM CONT CONS | | ORN/VIO VIO/ORN |
| -23 -48 | -23 -48 | KEYLINE NO. GND | FROM CONT CONS | | GRN/VIO VIO/GRN |
| -24 -49 | -24 -49 | KEYLINE NO. GND | FROM CONT CONS | | BRN/VIO VIO/BRN |
| -25 -50 | NC NC | | | | SLATE/VIO VIO/SLATE |
| A10J53-25 | A10E1 | GND | | | BLK |

7-4. RADIO COMMUNICATION SYSTEM AN/FRC-176 SITE INTERFACE CABLES

Table 7-113 thru 7-118 lists all of the Radio Communication System site cables for all six primary sites and gives TO/FROM destinations between the associated equipment. Table 7-119 thru 7-125 are wire run lists for the site interface cables. Table 7-126 is the wire run list for the cable between the Radio Set I-Box and its Status Monitor J-Box. Table 7-127 is the Remote Control bus cable wire run list.

Table 7-113. Edingen Site Cables

| “W” Number | From | To | Part Number |
|-----------------------|-------------|-------------|--------------------|
| W1 | CIG1AIOJ7 | CCC3A7J6 | 7052-7016 |
| W2 | CIG1A10J2 | CCC3A5J1 | 7052-7015 |
| W3 | CIG1A10J3 | CCC3A5J2 | 7052-7015 |
| W4 | CIG1A10J4 | CCC3A5J3 | 7052-7015 |
| W5 | CIG1A10J5 | CCC3A7J4 | 7052-7016 |
| W6 | CIG1A10J6 | CCC3A7J5 | 7052-7016 |
| W7 | CIG1A10J1 | CIG2A1J41 | 7052-7015 |
| W8 | TX1U7J9 | CCC3A1J2 | 7052-7011 |
| W9 | TX2U7J9 | CCC3A1J3 | 7052-7011 |
| W10 | TX3U7J9 | CCC3A1J4 | 7052-7011 |
| W11 | TX4U7J9 | CCC3A1J5 | 7052-7011 |
| W12 | TX5U7J9 | CCC3A1J6 | 7052-7011 |
| W13 | TX6U7J9 | CCC3A1J7 | 7052-7011 |
| W14 | TX1U2J2 | CIG1AIOJ12 | 7052-7012 |
| W15 | TX2U2J2 | CIG1A10J13 | 7052-7012 |
| W16 | TX3U2J2 | CIG1A10J14 | 7052-7012 |
| W17 | TX4U2J2 | CIG1AIOJ15 | 7052-7012 |
| W18 | TX5U2J2 | CIG1A10J16 | 7052-7012 |
| W19 | TX6U2J2 | CIG1AIOJ17 | 7052-7012 |
| W20 | TX1U3J3 | CIG2A1J31 | 7052-7013 |
| W21 | TX2U3J3 | CIG2A1J32 | 7052-7013 |
| W22 | TX3U3J3 | CIG2A1J33 | 7052-7013 |
| W23 | TX4U3J3 | CIG2A1J34 | 7052-7013 |
| W24 | TX5U3J3 | CIG2A1J35 | 7052-7013 |
| W25 | TX6U3J3 | CIG2A1J36 | 7052-7013 |
| W26 | TX1-1A1A9J2 | TX2-1A1A9J1 | 7052-7014 |
| W27 | TX2-1A1A9J2 | TX3-1A1A9J1 | 7052-7014 |
| W28 | TX3-1A1A9J2 | CCC3A8J7 | 7052-7010 |
| W29 | TX4-1A1A9J2 | CCC3A8J9 | 7052-7010 |
| W30 | TX5-1A1A9J2 | TX4-1A1A9J1 | 7052-7014 |
| W31 | TX6-1A1A9J2 | TX5-1A1A9J1 | 7052-7014 |

Table 7-114. Nellingen Site Cables

| “W” Number | From | To | Part Number |
|-----------------------|-------------|-------------|--------------------|
| W1 | CIG1A10J7 | CCC3A7J6 | 7052-7016 |
| W2 | CIG1A10J2 | CCC3A5J1 | 7052-7015 |
| W3 | CIG1A10J3 | CCC3A5J2 | 7052-7015 |
| W4 | CIG1A10J4 | CCC3A5J3 | 7052-7015 |
| W5 | CIG1A10J5 | CCC3A7J4 | 7052-7016 |
| W6 | CIG1A10J6 | CCC3A7J5 | 7052-7016 |
| W7 | CIG1A10J1 | CIG2A1J31 | 7052-7015 |
| W8 | TX1U7J9 | CCC3A1J2 | 7052-7011 |
| W9 | TX2U7J9 | CCC3A1J3 | 7052-7011 |
| W10 | TX3U7J9 | CCC3A1J4 | 7052-7011 |
| W11 | TX4U7J9 | CCC3A1J5 | 7052-7011 |
| W12 | TX5U7J9 | CCC3A1J6 | 7052-7011 |
| W13 | TX6U7J9 | CCC3A1J7 | 7052-7011 |
| W14 | TX1U7J2 | CIG1A10J12 | 7052-7012 |
| W15 | TX2U7J2 | CIG1A10J13 | 7052-7012 |
| W16 | TX3U7J2 | CIG1A10J14 | 7052-7012 |
| W17 | TX4U7J2 | CIG1A10J15 | 7052-7012 |
| W18 | TX5U7J2 | CIG1A10J16 | 7052-7012 |
| W19 | TX6U7J2 | CIG1A10J17 | 7052-7012 |
| W20 | TX1U7J2 | CIG2A1J21 | 7052-7013 |
| W21 | TX2U3J3 | CIG2A1J22 | 7052-7013 |
| W22 | TX3U3J3 | CIG2A1J23 | 7052-7013 |
| W23 | TX4U3J3 | CIG2A1J24 | 7052-7013 |
| W24 | TX5U3J3 | CIG2A1J25 | 7052-7013 |
| W25 | TX6U3J3 | CIG2A1J26 | 7052-7013 |
| W26 | TX1-1A1A9J2 | TX2-1A1A9J1 | 7052-7014 |
| W27 | TX2-1A1A9J2 | TX3-1A1A9J1 | 7052-7014 |
| W28 | TX3-1A1A9J2 | CCC3A8J7 | 7052-7010 |
| W29 | TX4-1A1A9J2 | CCC3A8J9 | 7052-7010 |
| W30 | TX5-1A1A9J2 | TX4-1A1A9J1 | 7052-7014 |
| W31 | TX6-1A1A9J2 | TX5-1A1A9J1 | 7052-7014 |

Table 7-115. Boeblingen Site Cables

| “W” Number | From | To | Part Number |
|-----------------------|-------------|-------------|--------------------|
| W1 | CIG1A10J7 | CCC3A7J6 | 7052-7016 |
| W2 | CIG1A10J2 | CCC3A5J1 | 7052-7015 |
| W3 | CIG1A10J3 | CCC3A5J2 | 7052-7015 |
| W4 | CIG1A10J4 | CCC3A5J3 | 7052-7015 |
| W5 | CIG1A10J5 | CCC3A7J4 | 7052-7016 |
| W6 | CIG1A10J6 | CCC3A7J5 | 7052-7016 |
| W7 | CIG1A10J1 | CIG2A1J31 | 7052-7015 |
| W8 | TX1U7J9 | CCC3A1J2 | 7052-7011 |
| W9 | TX2U7J9 | CCC3A1J3 | 7052-7011 |
| W10 | TX3U7J9 | CCC3A1J4 | 7052-7011 |
| W11 | TX4U7J9 | CCC3A1J5 | 7052-7011 |
| W12 | TX5U7J9 | CCC3A2J4 | 7052-7011 |
| W13 | TX6U7J9 | CCC3A2J5 | 7052-7011 |
| W14 | TX7U7J9 | CCC3A2J6 | 7052-7011 |
| W15 | TX8U7J9 | CCC3A2J7 | 7052-7011 |
| W16 | TX1U7J2 | CIG1A10J12 | 7052-7012 |
| W17 | TX2U7J2 | CIG1A10J13 | 7052-7012 |
| W18 | TX3U7J2 | CIG1A10J14 | 7052-7012 |
| W19 | TX4U7J2 | CIG1A10J15 | 7052-7012 |
| W20 | TX5U7J2 | CIG1A10J16 | 7052-7012 |
| W21 | TX6U7J2 | CIG1A10J17 | 7052-7012 |
| W22 | TX7U7J2 | CIG1A10J18 | 7052-7012 |
| W23 | TX8U7J2 | CIG1A10J19 | 7052-7012 |
| W24 | TX1U3J3 | CIG2A1J21 | 7052-7013 |
| W25 | TX2U3J3 | CIG2A1J22 | 7052-7013 |
| W26 | TX3U3J3 | CIG2A1J23 | 7052-7013 |
| W27 | TX4U3J3 | CIG2A1J24 | 7052-7013 |
| W28 | TX5U3J3 | CIG2A1J25 | 7052-7013 |
| W29 | TX6U3J3 | CIG2A1J26 | 7052-7013 |
| W30 | TX7U3J3 | CIG2A1J27 | 7052-7013 |
| W31 | TX8U3J3 | CIG2A1J28 | 7052-7013 |
| W32 | TX1-1A1A9J2 | TX2-1A1A9J1 | 7052-7014 |
| W33 | TX2-1A1A9J2 | TX3-1A1A9J1 | 7052-7014 |
| W34 | TX3-1A1A9J2 | TX4-1A1A9J1 | 7052-7014 |
| W35 | TX4-1A1A9J2 | CCC3A8J7 | 7052-7010 |
| W36 | TX5-1A1A9J2 | TX6-1A1A9J1 | 7052-7014 |
| W37 | TX6-1A1A9J2 | TX6-1A1A9J1 | 7052-7014 |
| W38 | TX7-1A1A9J2 | TX8-1A1A9J1 | 7052-7014 |
| W39 | TX8-1A1A9J2 | CCC3A8J9 | 7052-7010 |

Table 7-116. Bremerhaven Site Cables

| “W” Number | From | To | Part Number |
|-----------------------|-------------|-------------|--------------------|
| W1 | CIG1A10J7 | CCC3A7J6 | 7052-7016 |
| W2 | CIG1A10J2 | CCC3A5J1 | 7052-7015 |
| W3 | CIG1A10J3 | CCC3A5J2 | 7052-7015 |
| W4 | CIG1A10J4 | CCC3A5J3 | 7052-7015 |
| W5 | CIG1A10J5 | CCC3A7J4 | 7052-7016 |
| W6 | CIG1A10J6 | CCC3A7J5 | 7052-7016 |
| W7 | CIG1A10J1 | CIG2A1J51 | 7052-7015 |
| W8 | TX1U7J9 | CCC3A1J2 | 7052-7011 |
| W9 | TX2U7J9 | CCC3A1J3 | 7052-7011 |
| W10 | TX3U7J9 | CCC3A1J4 | 7052-7011 |
| W11 | TX4U7J9 | CCC3A1J5 | 7052-7011 |
| W12 | TX5U7J9 | CCC3A1J6 | 7052-7011 |
| W13 | TX6U7J9 | CCC3A1J7 | 7052-7011 |
| W14 | TX1U7J2 | CIG1A10J12 | 7052-7012 |
| W15 | TX2U7J2 | CIG1A10J13 | 7052-7012 |
| W16 | TX3U7J2 | CIG1A10J14 | 7052-7012 |
| W17 | TX4U7J2 | CIG1A10J15 | 7052-7012 |
| W18 | TX5U7J2 | CIG1A10J16 | 7052-7012 |
| W19 | TX6U7J2 | CIG1A10J17 | 7052-7012 |
| W20 | TX1U3J3 | CIG2A1J14 | 7052-7013 |
| W21 | TX2U3J3 | CIG2A1J15 | 7052-7013 |
| W22 | TX3U3J3 | CIG2A1J16 | 7052-7013 |
| W23 | TX4U3J3 | CIG2A1J17 | 7052-7013 |
| W24 | TX5U3J3 | CIG2A1J18 | 7052-7013 |
| W25 | TX6U3J3 | CIG2A1J19 | 7052-7013 |
| W26 | TX1-1A1A9J2 | TX2-1A1A9J1 | 7052-7014 |
| W27 | TX2-1A1A9J2 | TX3-1A1A9J1 | 7052-7014 |
| W28 | TX3-1A1A9J2 | CCC3A8J7 | 7052-7010 |
| W29 | TX4-1A1A9J2 | CCC3A8J9 | 7052-7010 |
| W30 | TX5-1A1A9J2 | TX4-1A1A9J1 | 7052-7014 |
| W31 | TX6-1A1A9J2 | TX5-1A1A9J1 | 7052-7014 |

Table 7-117. Incirlik Site Cables

| “W” Number | From | To | Part Number |
|-----------------------|--------------|--------------|--------------------|
| W1 | CIG1A10J7 | CCC3A7J6 | 7052-7016 |
| W2 | CIG1A10J2 | CCC3A5J1 | 7052-7015 |
| W3 | CIG1A10J3 | CCC3A5J2 | 7052-7015 |
| W4 | CIG1A10J4 | CCC3A5J3 | 7052-7015 |
| W5 | CIG1A10J5 | CCC3A7J4 | 7052-7016 |
| W6 | CIG1A10J6 | CCC3A7J5 | 7052-7016 |
| W7 | CIG1A10J1 | CIG2A1J71 | 7052-7015 |
| W8 | TX1U7J9 | CCC3A1J2 | 7052-7011 |
| W9 | TX2U7J9 | CCC3A1J3 | 7052-7011 |
| W10 | TX3U7J9 | CCC3A1J4 | 7052-7011 |
| W11 | TX4U7J9 | CCC3A1J5 | 7052-7011 |
| W12 | TX5U7J9 | CCC3A1J6 | 7052-7011 |
| W13 | TX6U7J9 | CCC3A1J3 | 7052-7011 |
| W14 | TX7U7J9 | CCC3A3J4 | 7052-7011 |
| W15 | TX8U7J9 | CCC3A3J5 | 7052-7011 |
| W16 | TX9U7J9 | CCC3A3J6 | 7052-7011 |
| W17 | TX10U7J9 | CCC3A3J7 | 7052-7011 |
| W18 | TX1U7J2 | CIG1A10J12 | 7052-7012 |
| W19 | TX2U7J2 | CIG1A10J13 | 7052-7012 |
| W20 | TX3U7J2 | CIG1A10J14 | 7052-7012 |
| W21 | TX4U7J2 | CIG1A10J15 | 7052-7012 |
| W22 | TX5U7J2 | CIG1A10J16 | 7052-7012 |
| W23 | TX6U7J2 | CIG1A10J17 | 7052-7012 |
| W24 | TX7U7J2 | CIG1A10J18 | 7052-7012 |
| W25 | TX3U7J2 | CIG1A10J19 | 7052-7012 |
| W26 | TX9U7J2 | CIG1A10J20 | 7052-7012 |
| W27 | TX10U7J2 | CIG1A10J21 | 7052-7012 |
| W28 | TX1U3J3 | CIG2A1J19 | 7052-7013 |
| W29 | TX2U3J3 | CIG2A1J20 | 7052-7013 |
| W30 | TX3U3J3 | CIG2A1J21 | 7052-7013 |
| W31 | TX4U3J3 | CIG2A1J22 | 7052-7013 |
| W32 | TX5U3J3 | CIG2A1J23 | 7052-7013 |
| W33 | TX6U3J3 | CIG2A1J24 | 7052-7013 |
| W34 | TX7U3J3 | CIG2A1J25 | 7052-7013 |
| W35 | TX8U3J3 | CIG2A1J26 | 7052-7013 |
| W36 | TX9U3J3 | CIG2A1J27 | 7052-7013 |
| W37 | TX10U3J3 | CIG2A1J28 | 7052-7013 |
| W38 | TX1-1A1A9J2 | TX2-1A1A9J1 | 7052-7014 |
| W39 | TX2-1A1A9J2 | TX3-1A1A9J1 | 7052-7014 |
| W40 | TX3-1A1A9J2 | TX4-1A1A9J1 | 7052-7014 |
| W41 | TX4-1A1A9J2 | TX5-1A1A9J1 | 7052-7014 |
| W42 | TX5-1A1A9J2 | CCC3A8J7 | 7052-7010 |
| W43 | TX6-1A1A9J2 | TX7-1A1A9J1 | 7052-7014 |
| W44 | TX7-1A1A9J2 | TX8-1A1A9J1 | 7052-7014 |
| W45 | TX8-1A1A9J2 | TX9-1A1A9J1 | 7052-7014 |
| W46 | TX9-1A1A9J2 | TX10-1A1A9J1 | 7052-7014 |
| W47 | TX10-1A1A9J2 | CCC3A8J9 | 7052-7010 |

Table 7-118. Bann Site Cables

| “W” Number | From | To | Part Number |
|-----------------------|-------------|-----------|--------------------|
| 1 | CIG1A10P1 | ACCC3A5P1 | 7052-7015 |
| 2 | CIG1A10P2 | ACCC3A5P2 | 7052-7015 |
| 3 | CIG1A10P3 | ACCC3A5P3 | 7052-7015 |
| 4 | CIG1A10P4 | ACCC3A7P6 | 7052-7016 |
| 5 | CIG1A10P5 | BCCC3A5P1 | 7052-7015 |
| 6 | CIG1A10P6 | BCCC3A5P2 | 7052-7015 |
| 7 | CIG1A10P7 | BCCC3A5P3 | 7052-7015 |
| 8 | CIG1A10P8 | BCCC3A7P6 | 7052-7016 |
| 9 | CIG1A10P9 | CCCC3A5P1 | 7052-7015 |
| 10 | CIG1A10P10 | CCCC3A5P2 | 7052-7015 |
| 11 | CIG1A10P11 | CCCC3A5P3 | 7052-7015 |
| 12 | CIG1A10P12 | CCCC3A7P6 | 7052-7016 |
| 13 | CIG2A6P49 | ACCC3A7P5 | 7052-7016 |
| 14 | CIG2A6P50 | ACCC3A7P4 | 7052-7016 |
| 15 | CIG2A6P51 | BCCC3A7P5 | 7052-7016 |
| 16 | CIG2A6P52 | BCCC3A7P4 | 7052-7016 |
| 17 | CIG2A6P53 | CCCC3A7P5 | 7052-7016 |
| 18 | CIG2A6P54 | CCCC3A7P4 | 7052-7016 |
| 19 | TX1U7P2 | CIG2A6P25 | 7052-7012 |
| 20 | TX2U7P2 | CIG2A6P26 | 7052-7012 |
| 21 | TX3U7P2 | CIG2A6P27 | 7052-7012 |
| 22 | TX4U7P2 | CIG2A6P28 | 7052-7012 |
| 23 | TX5U7P2 | CIG2A6P29 | 7052-7012 |
| 24 | TX6U7P2 | CIG2A6P30 | 7052-7012 |
| 25 | TX7U7P2 | CIG2A6P1 | 7052-7012 |
| 26 | TX8U7P2 | CIG2A6P2 | 7052-7012 |
| 27 | TX9U7P2 | CIG2A6P3 | 7052-7012 |
| 28 | TX10U7P2 | CIG2A6P4 | 7052-7012 |
| 29 | TX11U7P2 | CIG2A6P13 | 7052-7012 |
| 30 | TX12U7P2 | CIG2A6P14 | 7052-7012 |
| 31 | TX13U7P2 | CIG2A6P15 | 7052-7012 |
| 32 | TX14U7P2 | CIG2A6P16 | 7052-7012 |
| 33 | TX15U7P2 | CIG2A6P17 | 7052-7012 |
| 34 | TX16U7P2 | CIG2A6P18 | 7052-7012 |
| 35 | TX17U7P2 | CIG2A6P19 | 7052-7012 |
| 36 | TX18U7P2 | CIG2A6P20 | 7052-7012 |
| 37 | TX19U7P2 | CIG2A6P21 | 7052-7012 |
| 38 | TX20U7P2 | CIG2A6P22 | 7052-7012 |
| 39 | TX1U7P9 | CCCC3A1P2 | 7052-7011 |
| 40 | TX2U7P9 | CCCC3A1P3 | 7052-7011 |
| 41 | TX3U7P9 | CCCC3A1P4 | 7052-7011 |
| 42 | TX4U7P9 | CCCC3A3P5 | 7052-7011 |
| 43 | TX5U7P9 | CCCC3A3P6 | 7052-7011 |
| 44 | TX6U7P9 | CCCC3A3P7 | 7052-7011 |
| 45 | TX7U7P9 | ACCC3A1P1 | 7052-7011 |
| 46 | TX8U7P9 | ACCC3A1P2 | 7052-7011 |

Table 7-118. Bann Site Cables (Cont.)

| “W” Number | From | To | Part Number |
|-----------------------|-------------|-------------|--------------------|
| W47 | TX9U7P9 | ACCC3A3P6 | 7052-7011 |
| W48 | TX10U7P9 | ACCC3A3P7 | 7052-7011 |
| W49 | TX11U7P9 | BCCC3A1P2 | 7052-7011 |
| W50 | TX12U7P9 | BCCC3A1P3 | 7052-7011 |
| W51 | TX13U7P9 | BCCC3A1P4 | 7052-7011 |
| W52 | TX14U7P9 | BCCC3A1P5 | 7052-7011 |
| W53 | TX15U7P9 | BCCC3A1P6 | 7052-7011 |
| W54 | TX16U7P9 | BCCC3A3P3 | 7052-7011 |
| W55 | TX17U7P9 | BCCC3A3P4 | 7052-7011 |
| W56 | TX18U7P9 | BCCC3A3P5 | 7052-7011 |
| W57 | TX19U7P9 | BCCC3A3P6 | 7052-7011 |
| W58 | TX20U7P9 | BCCC3A3P7 | 7052-7011 |
| W59 | TX1U3P3 | CIG2A1P19 | 7052-7013 |
| W60 | TX2U3P3 | CIG2A1P20 | 7052-7013 |
| W61 | TX3U3P3 | CIG2A1P21 | 7052-7013 |
| W62 | TX4U3P3 | CIG2A1P22 | 7052-7013 |
| W63 | TX5U3P3 | CIG2A1P23 | 7052-7013 |
| W64 | TX6U3P3 | CIG2A1P24 | 7052-7013 |
| W65 | TX7U3P3 | CIG2A1P25 | 7052-7013 |
| W66 | TX8U3P3 | CIG2A1P26 | 7052-7013 |
| W67 | TX9U3P3 | CIG2A1P27 | 7052-7013 |
| W68 | TX10U3P3 | CIG2A1P28 | 7052-7013 |
| W69 | TX11U3P3 | CIG2A1P29 | 7052-7013 |
| W70 | TX12U3P3 | CIG2A1P30 | 7052-7013 |
| W71 | TX13U3P3 | CIG2A1P31 | 7052-7013 |
| W72 | TX14U3P3 | CIG2A1P32 | 7052-7013 |
| W73 | TX15U3P3 | CIG2A1P33 | 7052-7013 |
| W74 | TX16U3P3 | CIG2A1P34 | 7052-7013 |
| W75 | TX17U3P3 | CIG2A1P35 | 7052-7013 |
| W76 | TX18U3P3 | CIG2A1P36 | 7052-7013 |
| W77 | TX19U3P3 | CIG2A1P37 | 7052-7013 |
| W78 | TX20U3P3 | CIG2A1P38 | 7052-7013 |
| W79 | TX11A1A9P2 | CCCC3A8P7 | 7052-7010 |
| W80 | TX11A1A9P1 | TX21A1A9P2 | 7052-7014 |
| W81 | TX21A1A9P1 | TX31A1A9P2 | 7052-7014 |
| W82 | TX41A1A9P2 | CCCC3A8P9 | 7052-7010 |
| W83 | TX41A1A9P1 | TX51A1A9P2 | 7052-7014 |
| W84 | TXS1A1A9P1 | TX61A1A9P2 | 7052-7014 |
| W85 | TX71A1A9P2 | TX81A1A9P1 | 7052-7014 |
| W86 | TX81A1A9P2 | ACCC3A8P7 | 7052-7010 |
| W87 | TX91A1A9P2 | TX101A1A9P1 | 7052-7014 |
| W88 | TXIO1A1A9P2 | ACCC3A8P9 | 7052-7010 |
| W89 | TX111A1A9P2 | TX121A1A9P1 | 7052-7014 |
| W90 | TX121A1A9P2 | TX131A1A9P1 | 7052-7014 |
| W91 | TX131A1A9P2 | TX141A1A9P1 | 7052-7014 |
| W92 | TX141A1A9P2 | TX151A1A9P1 | 7052-7014 |
| W93 | TX151A1A9P2 | BCCC3A8P | 7052-7010 |

Table 7-118. Bann Site Cables (Cont.)

| "W" Number | From | To | Part Number |
|---|-------------|-------------|-------------|
| 94 | TX161AIA9P2 | TX171A1A9P1 | 7052-7014 |
| 95 | TX171A1A9P2 | TX181A1A9P1 | 7052-7014 |
| 96 | TX181A1A9P2 | TX191A1A9P1 | 7052-7014 |
| 97 | TX191A1A9P2 | TX201A1A9P1 | 7052-7014 |
| 98 | TX201AIA9P2 | BCCC3A8P9 | 7052-7010 |
| 99 | A2A3A5P1 | B2A3A5P1 | 7052-7018 |
| 100 | A2A3A5P2 | C2A3A5P1 | 7052-701 8 |
| 101 | B2A3A5P2 | C2A3A5P2 | 7052-7018 |
| <p>Note:</p> <ol style="list-style-type: none"> 1. Associated with or cabled to Console "C" (INFORM NET) 2. Associated with or cabled to Console "A" (USAFE A/G NET) 3. Associated with or cabled to Console "B" (CEMETERY NET) | | | |

Table 7-119. Site Interface Cable, 7052-7010

| From | To | Function | Notes |
|----------|---------|--------------------|--------------------|
| A11 P2-1 | A3A7P-1 | SHIELD GND | SHIELD |
| -2 | -8 | RS-422 IN TO OUT - | WHT } PR |
| -3 | -7 | RS-422 IN TO OUT + | BLK } PR |
| -4 | -4 | GND | WHT } PR |
| -7 | -3 | RS-422 OUT TO IN - | BRN } PR |
| -8 | -2 | RS-422 OUT TO IN + | RED |
| -9 | -9 | GND | (P/O WHT-RED PAIR) |

Table 7-120. Site Interface Cable 7052-7011

| From | To | Function | Notes |
|---------|-------|--------------------------|------------|
| A10P9-1 | A P-1 | 10 MHZ - 2 ⁰ | BLK } PAIR |
| -2 | -2 | 10 MHZ - 2 ¹ | RED } PAIR |
| -3 | -3 | 1 MHZ - 2 ⁰ | BLK } PAIR |
| -4 | -4 | 1 MHZ - 2 ¹ | WHT } PAIR |
| -5 | -5 | 1 MHZ - 2 ² | BLK } PAIR |
| -6 | -6 | 1 MHZ - 2 ³ | GRN } PAIR |
| -7 | -7 | 100 KHZ - 2 ⁰ | BLK } PAIR |
| -8 | -8 | 100 KHZ - 2 ¹ | BLU } PAIR |
| -9 | -9 | 100 KHZ - 2 ² | BLK } PAIR |
| -10 | -10 | 100 KHZ - 2 ³ | YEL } PAIR |
| -11 | -11 | 10 KHZ - 2 ⁰ | BLK } PAIR |
| -12 | -12 | 10 KHZ - 2 ¹ | BRN } PAIR |
| -13 | -13 | 10 KHZ - 2 ² | BLK } PAIR |
| -14 | -14 | 10 KHZ - 2 ³ | ORN } PAIR |
| -15 | -15 | 1 KHZ - 2 ⁰ | RED } PAIR |
| -16 | -16 | 1 KHZ - 2 ¹ | WHT } PAIR |
| -17 | -17 | 1 KHZ - 2 ² | RED } PAIR |
| -18 | -18 | 1 KHZ - 2 ³ | GRN } PAIR |
| -19 | -19 | 100 HZ - 2 ⁰ | RED } PAIR |
| -20 | -20 | 100 HZ - 2 ¹ | BLU } PAIR |
| -21 | -21 | 100 HZ - 2 ² | RED } PAIR |
| -22 | -22 | 100 HZ - 2 ³ | YEL } PAIR |
| -23 | -23 | <u>ON</u> | RED } PAIR |
| -24 | -24 | <u>RF</u> | BRN } PAIR |
| -25 | -25 | <u>USB</u> | RED } PAIR |
| -26 | -26 | <u>LSB</u> | ORN } PAIR |
| -27 | -27 | <u>FAST</u> | GRN } PAIR |
| -28 | -28 | <u>SLOW</u> | WHT } PAIR |
| -29 | -29 | <u>LOC</u> | GRN } PAIR |
| -30 | -30 | <u>REM</u> | BLU } PAIR |
| -31 | -31 | <u>KEY</u> | GRN } PAIR |
| -32 | -32 | <u>UNSQ</u> | YEL } PAIR |

Table 7-120. Site Interface Cable 7052-7011 (Cont.)

| From | To | Function | Notes |
|---|---|--|--|
| A10P9-33 -34 -35 -36 -37 | A P-33 -34 -35 -36 -37 | FAULT NOT USED NOT USED NOT USED NOT USED | GRN } PAIR BRN } GRN } PAIR ORN } WHT (P/O WHT- BLU PAIR) |
| <i>Table 7-121. Site Interface Cable, 7052-7012</i> | | | |
| From | To | Function | Notes |
| A10P12-23-1 -2 -3 -4 -5 -6 -7 -8 | U7P2-1 -6 -24 -15 -25 -28 -11 SHIELD | 600 OHM TX 600 OHM TX INTERLOCK (TX INHIBIT FAULT) GND KEYLINE (PTT) 600 OHM RX 600 OHM RX SHIELD GND | WHT } PAIR BLK } WHT } PAIR BRN } (P/O WHT- WHT RED PAIR) WHT } ORN } PAIR SHIELD |
| <i>Table 7-122. Site Interface Cable, 7052-7013</i> | | | |
| From | To | Function | Notes |
| TX#U3P3 | CIG2A1P# | RF | RG-8A/U |
| <i>Table 7-123. Site Interface Cable, 7052-7014</i> | | | |
| From | To | Function | Notes |
| A11P1-1 -2 -3 -4 -7 -8 -9 | A11P2-1 -2 -3 -4 -7 -8 -9 | SHIELD RS-422 IN - RS-422 IN + GND RS-422 OUT - RS-422 OUT + GND | SHIELD WHT } PAIR BLK } WHT (P/O WHT- RED PAIR) WHT } PAIR BRN } RED (P/O WHT- RED PAIR) |

Table. 7-124. Site Interface Cable, 7052-7015

| From | To | Function | Notes |
|--------|-------|----------|------------------------|
| A10P-1 | A5P-1 | | |
| -26 | -26 | | BLU/WHT WHT/BLU |
| -2 | -2 | | |
| -2 | -2 | | ORN/WHT WHT/ORN |
| -27 | -27 | | |
| -3 | -3 | | |
| -28 | -28 | | GRN/WHT WHT/GRN |
| -4 | -4 | | |
| -29 | -29 | | BRN/WHT WHT/BRN |
| -5 | -5 | | |
| -30 | -30 | | SLATE/WHT WHT/SLATE |
| -6 | -6 | | BLU/RED RED/BLU |
| -31 | -31 | | |
| -7 | -7 | | |
| -32 | -32 | | ORN/RED RED/ORN |
| -8 | -8 | | |
| -33 | -33 | | GRN/RED RED/GRN |
| -9 | -9 | | BRN/RED RED/BRN |
| -34 | -34 | | |
| -10 | -10 | | |
| -35 | -35 | | SLATE/RED RED/SLATE |
| -11 | -11 | | |
| -36 | -36 | | BLU/BLK BLK/BLU |
| -12 | -12 | | ORN/BLK BLK/ORN |
| 37 | -37 | | |
| -13 | -13 | | |
| -38 | -38 | | GRN/BLK BLK/GRN |
| -14 | -14 | | BRN/BLK BLK/BRN |
| -39 | -39 | | SLATE/BLK BLK/SLATE |
| -15 | -15 | | |
| -40 | -40 | | BLU/YEL YEL/BLU |
| -16 | -16 | | |
| -41 | -41 | | |

Table 7-124. Site Interface Cable, 7052-7015 (Cont.)

| From | To | Function | Notes |
|----------------|---------------|----------|------------------------|
| A10P-17 -42 | A5P-17 -42 | | ORN/YEL YEL/ORN |
| -18 -43 | -18 -43 | | GRN/YEL YEL/GRN |
| -19 -44 | -19 -44 | | BRN/YEL YEL/BRN |
| -20 -45 | -20 -45 | | SLATE/YEL YEL/SLATE |
| -21 -46 | -21 -46 | | BLU/VIO VIO/BLU |
| -22 -47 | -22 -47 | | ORN/VIO VIO/ORN |
| -23 -48 | -23 -48 | | GRN/VIO VIO/GRN |
| -24 -49 | -24 -49 | | BRN/VIO VIO/BRN |
| -25 -50 | -25 -50 | | SLATE/VIO VIO/SLATE |

Table 7-125. Site Interface Cable 7052-7016

| From | To | Function | Notes |
|---------------|--------------|----------|-------------------|
| A10P-1 -26 | A5P-1 -26 | | BLK } PR RED } |
| -2 -27 | -2 -27 | | BLK } PR WHT } |
| -3 -28 | -3 -28 | | BLK } PR GRN } |
| -4 -29 | -4 -29 | | BLK } PR BLU } |
| -5 -30 | -5 -30 | | BLK } PR YEL } |
| -6 -31 | -6 -31 | | BLK } PR BRN } |
| -7 -32 | -7 -32 | | BLK } PR ORN } |
| -8 -33 | -8 -33 | | RED } PR WHT } |
| -9 -34 | -9 -34 | | RED } PR GRN } |
| -10 -35 | -10 -35 | | RED } PR BLU } |
| -11 -36 | -11 -36 | | RED } PR YEL } |
| -12 -37 | -12 -37 | | RED } PR BRN } |
| -13 -38 | -13 -38 | | GRN } PR WHT } |
| -14 -39 | -14 -39 | | GRN } BLU } |
| -15 -40 | -15 -40 | | GRN } PR YEL } |
| -16 -41 | -16 -41 | | GRN } PR BRN } |

Table 7-125. Site Interface Cable 7052-7016 (Cont.)

| From | To | Function | Notes |
|----------------|---------------|----------|-------------------|
| A10P-17 -42 | A5P-17 -42 | | GRN } PR ORN } |
| -18 -43 | -18 -43 | | WHT } PR BLU } |
| -19 -44 | -19 -44 | | WHT } PR YEL } |
| -20 -45 | -20 -45 | | WHT } PR BRN } |
| -21 -46 | -21 -46 | | WHT } PR ORN } |
| -22 -47 | -22 -47 | | BLU } PR YEL } |
| -23 -48 | -23 -48 | | BLU } PR BRN } |
| -24 -49 | -24 -49 | | BLU } R ORN } |
| -25 -50 | -25 -50 | | |

Table 7-126. Cable 7052-7018
 (Bann Site Cables W99, W100, and W101 Only)

| From | To | Function | Notes |
|------------------|-----------------|----------|------------------------|
| 2A3A5P-1 -19 | 2A3A5P-1 -19 | | BLU/WHT WHT/BLU |
| -2 -20 | -2 -20 | | ORN/WHT WHT/ORN |
| -3 -21 | -3 -21 | | GRN/WHT WHT/GRN |
| -4 -22 | -4 -22 | | BRN/WHT WHT/BRN |
| -5 -23 | -5 -23 | | SLATE/WHT WHT/SLATE |
| -6 -24 | -6 -24 | | BLU/RED RED/BLU |
| -7 -25 | -7 -25 | | ORN/RED RED/ORN |
| -8 -26 | -8 -26 | | GRN/RED RED/GRN |
| -9 -27 | -9 -27 | | BRN/RED RED/BRN |
| -10 -28 | -10 -28 | | SLATE/RED RED/SLATE |
| -11 -29 | -11 -29 | | BLU/BLK BLK/BLU |
| -12 -30 | -12 -30 | | ORN/BLK BLK/ORN |
| -13-18 -31-36 | NC NC | | |

Table 7-127. I-Box To J-Box Cable, 7052-0105

| From | To | Function | Notes |
|--|---|--|--|
| A3 P10-1 -2 -3 -4 -5-7 -8 | A10 P-1 -2 NC P-4 NC P-8 | GND HALF DUPLEX IND --- KEYLINE IND --- +13.2 VDC | WHT } PAIR BLK } WHT } PAIR BRN } |

Table 7-128. Remote Control Bus Cable, 7052-0110

| From | To | Function | Notes |
|-----------|--|--------------|------------|
| A3P9-1-6 | NC | --- | |
| -8-10 | NC | | |
| -15 | A11TB1-2 | RS-422 IN - | WHT } PAIR |
| -16 | -3 | RS-422 IN + | BLK } PAIR |
| -11 | -5 | RS-422 OUT - | WHT } PAIR |
| -12 | -6 | RS-422 OUT + | BRN } PAIR |
| -7 | -4 | GND | WHT } PAIR |
| -14 | -7 | GND | RED } PAIR |
| -13,17-25 | NC | ---- | |
| SHIELD | A11TB1-1 | | SHIELD |
| A11TB1-1 | A11J1-1; A11J2-1 SHIELD OF A3P9 | SHIELD GND | |
| -2 | A11J1-2; A11J2-2 A3P9-15 | RS-422 IN - | |
| -3 | A11J1-3; A11J2-3 A3P9-16 | RS-422 IN + | |
| -4 | A11J1-4; A11 J2-4; A3P9-7 | GND | |
| -5 | A11J1-7; A11J2-7 A3P9-11 | RS-422 OUT - | |
| -6 | A11J1-8; A11 J2-8 A3P9-12 | RS-422 OUT + | |
| -7 | A11J1-9; A11J2-9 A3P9-14 | GND | |
| -8 | NC | | |

Table 7-129. Bann Communication Control Consoles - Remote Audio Select Panels 1A4/4A4, Part No. 7052-1010
 Wire Running List

| From | To | Function | Notes |
|-------------------------------------|--|-----------------------|-------|
| 1A4J1- 1/4A4J1-1 8/4A4J1-8 | 1A4S1- 3/4A4S1-3 9/4A4S1-9 | Internal Remote Input | |
| 2/4A4J1-2 9/4A4J1-9 9/4A4J1-9 | 1/4A4S1-1 7/4A4S1-7 7/4A4S1-7 | Console X - A Input | |
| 3/4A4J1-3 10/4A4J1-3o | 2/4A4S1-2 8/4A4S1-8 | Console Y - B Input | |
| 4/4A4J1-4 11/4A4J1-11 | 4/4A4S1-4 10/4A4S1-10 | Console Y - A Input | |
| 5/4A4J1-5 12/4A41J1-12 | 5/4A4S1-5 11/4A4S1-11 | Console Y - B Input | |
| 6/4A4J1-6 13/4A4J1-13 | 1A4COMM 2/ 4A4COMM 2 1A4COMM 2/ 4A4COMM 2 | Remote Audio Output | |

Table 7-130. Bann Site Communication Control Consoles - Remote Audio Buffer Card Assembly (2A3A4A3) to Interstage Connectors (2A3A5J1/J2), Audio/Keyline Common Switch PWB (2A3A2A10) and Audio/Keyline VF Monitor PWB (2A3A3A9) Wire Running List

| From | To | Function | Notes | |
|-----------|-------------|----------|---------|--------------------------------|
| 2A3A4A3-1 | 2A3A5J1 -1 |] | | |
| -2 | -19 | | | A Side to Console B-A Operator |
| -12 | -2 |] | | |
| -13 | -20 | | | A Side to Console B-B Operator |
| -40 | -3 |] | | |
| -41 | -21 | | | A Side to Console B-A Operator |
| -42 | -4 |] | | |
| -43 | -22 | | | A Side to Console B-B Operator |
| -10 | -1 |] | | |
| -11 | -19 | | | A Side to Console C-A Operator |
| -17 | -2 |] | | |
| -18 | -20 | | | A Side to Console C-B Operator |
| -44 | -3 |] | | |
| -45 | -21 | | | A Side to Console C-A Operator |
| -49 | -4 |] | | |
| -50 | -22 | | | A Side to Console C-B Operator |
| -8 | 2A3A2A10-28 |] | | |
| -9 | -29 | | | A Remote Input |
| -36 | -57 |] | | |
| -37 | -58 | | | B Remote Input |
| -46 | 2A3A3A9-46 |] | | |
| -4 | -4 | | | +12 Vdc |
| -15 | -15 | | | Ground |
| | | | -24 Vdc | |

Table 7-131. Bann Site Communication Control Consoles - Remote Audio Select Panel (1A4/4A4) to Interstage Connector (2A3A5J1/J2), Remote Audio Buffer Card Assy. (2A3A4A3), and Audio/Keyline Common Switch PWB (2A3A2A10) Cables W12 and W13 (Part No. 7052-1793) Wire Running List

| From | To | Function | Notes |
|------------|-------------|-----------|---------|
| | | Cable W12 | |
| 1A4J 1 - 1 | 2A3A4A3-38 | | BLU/WHT |
| -8 | -39 | | WHT/BLU |
| -2 | 2A3A5J1-6 | | ORN/WHT |
| -9 | -24 | | WHT/ORN |
| -3 | -8 | | GRN/WHT |
| -10 | -26 | | WHT/GRN |
| -4 | 2A3A5J2-6 | | BRN/WHT |
| -11 | -24 | | WHT/BRN |
| -5 | -8 | | SLT/WHT |
| -12 | -26 | | WHT/SLT |
| -6 | 2A3A2A10-1 | | BLU/RED |
| -13 | -2 | | RED/BLU |
| | | Cable W13 | |
| 4A4J1-1 | 2A3A4A3-3 | | BLU/WHT |
| -8 | -7 | | WHT/BLU |
| -2 | 2A3A5J1-7 | | ORN/WHT |
| -9 | -25 | | WHT/ORN |
| -3 | -9 | | GRN/WHT |
| -10 | -27 | | WHT/GRN |
| -4 | 2A3A5J2-7 | | BRN/WHT |
| -11 | -25 | | WHT/BRN |
| -5 | -9 | | SLT/WHT |
| -12 | -27 | | WHT/SLT |
| -6 | 2A3A2A10-55 | | BLU/RED |
| -13 | -56 | | RED/BLU |

APPENDIX A

REFERENCES

| | |
|---------------------|--|
| DA PAM 310-4 | Index of Technical Manuals, Technical Bulletins, Supply Manuals (Types 7, 8, and 9) Supply bulletins, and Lubrication Orders. |
| DA PAM 310-7 | US Army Equipment Index of Modification Work Orders. |
| TM 11-5895-1137-10 | Radio Communications System AN/FRC-176(V) Operator's Manual . |
| TM 11-5895-1137-23P | Radio Communications System AN/FRC-176(V) Repair Parts and Special Tools List. |
| TM 11-5820-893-14 | Radio Set AN/URC-103(V) and Remote Control-Monitor C-11021/URC Operator, Organizational, Direct Support, and General Support Maintenance Manual. |
| TM 11-5820-893-24P | Radio Set AN/URC-103(V) and Remote Control-Monitor C-11021/URC Repair Parts and Special Tools List. |
| TM 11-5805-734-14 | Communication Control Console OJ-512/FRC-176(V) and Control Interface Group OK-449(V)/FRC-176(V) Operator, Organizational, Direct Support, and General Support Maintenance Manual. |
| TM 11-5805-734-24P | Communication Control Console OJ-512/FRC-176(V) and Control Interface Group OK-449(V)/FRC-176(V) Repair Parts and Special Tools List. |
| TM 11-5895-363-14 | Antenna Equipment Group Operator, Organizational, Direct Support, and General Support Maintenance Manual. |
| TM 11-5895-363-24P | Antenna Equipment Group Repair Parts and Special Tools List. |
| TM 38-750 | The Army Maintenance Management System (TAMMS). |
| TM 750-244-2 | Procedures for destruction of Electronic Material to Prevent Enemy Use (Electronics Command). |

APPENDIX B
MAINTENANCE ALLOCATION

Section I. INTRODUCTION

1. General

This Maintenance Allocation chart (MAC), identifies for each repairable assembly and subassembly of the Communications Control Console, OJ-512/FRC-176(V) and Control Interface Group, OK-449(V)/FRC-176(V) the maintenance functions that must be performed, the level responsible for the required maintenance, and the active repair time, tools, and test equipment necessary to perform the function.

2. Maintenance Function

Maintenance functions will be limited to and defined as follows:

a. Inspect. To determine the serviceability of an item by comparing its physical, mechanical, and/or electrical characteristics with established standards through examination.

b. Test. To verify serviceability and to detect incipient failure by measuring the mechanical or electrical characteristics of an item and comparing those characteristics with prescribed standards.

c. Service. Operations required periodically to keep an item in proper operating condition, i.e., to clean (decontaminate), to preserve, to drain, to paint, or to replenish fuel, lubricants, hydraulic fluids, or compressed air supplies.

d. Adjust. To maintain, within prescribed limits, by bringing into proper or exact position, or by setting the operating characteristics to the specified parameters.

e. Align. To adjust specified variable elements of an item to bring about optimum or desired performance.

f. Calibrate. To determine and cause corrections to be made or to be adjusted on instruments or test measuring and diagnostic equipments used in precision measurement. Consists of comparisons of two instruments, one of which is a certified standard of known accuracy, to detect and adjust any discrepancy in the accuracy of the instrument being compared.

g. Install. The act of emplacing, seating, or fixing into position an item, part, module (component or assembly) in a manner to allow the proper functioning of the equipment or system.

h. Replace. The act of substituting a serviceable like type part, subassembly, or module (component or assembly) for an unserviceable counterpart.

i. Repair. The application of maintenance services (inspect, test, service, adjust, align, calibrate, replace) or other maintenance actions (welding, grinding, riveting, straightening, facing, remachining, or resurfacing) to restore service-

ability to an item by correcting specific damage, faults, malfunction, or failure in a part, subassembly, module (component or assembly), end item, or system.

j. Overhaul. That maintenance effort (service/action) necessary to restore an item to a completely serviceable/operational condition as prescribed by maintenance standards (i.e., DMWR) in appropriate technical publications. Overhaul is normally the highest degree of maintenance performed by the Army. Overhaul does not normally return an item to like new condition.

k. Rebuild. Consists of those services/actions necessary for the restoration of unserviceable equipment to a like-new condition in accordance with original manufacturing standards. Rebuild is the highest degree of material maintenance applied to Army equipment. The rebuild operation includes the act of returning to zero those age measurements (hours, miles, etc.) considered in classifying Army equipments/components.

3. Column Entries

a. Column 1, Group Number. Column 1 lists group numbers, the purpose of which is to identify components, assemblies, subassemblies, and modules with the next higher assembly.

b. Column 2, Component/Assembly. Column 2 contains the noun names of components, assemblies, subassemblies, and modules for which maintenance is authorized.

c. Column 3, Maintenance Functions. Column 3 lists the functions to be performed on the item listed in column 2. When items are listed without maintenance functions, it is solely for purpose of having the group numbers in the MAC and RPSTL coincide.

d. Column 4, Maintenance Category. Column 4 specifies, by the listing of a "worktime" figure in the appropriate subcolumn(s), the lowest level of maintenance authorized to perform the function listed in column 3. This figure represents the active time required to perform that maintenance function at the indicated category of maintenance. If the number or complexity of the tasks within the listed maintenance function vary at different maintenance categories, appropriate "worktime" figures will be shown for each category. The number of task-hours specified by the "worktime" figure represents the average time required to restore an item (assembly, subassembly, component, module, end item or system) to a serviceable condition under typical field operating conditions. This time includes preparation time, troubleshooting time, and quality assurance/quality control time in addition to the time required to perform the specific tasks identified for the maintenance functions authorized in the maintenance allocation chart. Subcolumns of column 4 are as follows:

- C Operator/Crew
- O Organizational
- F Direct Support
- H General Support
- D Depot

e. Column 5, Tools and Equipment. Column 5 specifies by code, those common tool sets, (not individual tools) and special tools, test, and support equipment required to perform the designated function.

f. Column 6, Remarks. Column 6 contains an alphabetic code which leads to the remark in Section IV, Remarks, which is pertinent to the item opposite the particular code.

4. Tool and Test Equipment Requirements (Section III)

a. Tool or Test Equipment Reference Code. The numbers in this column coincide with the numbers used in the tools and equipment columns of the MAC. The numbers indicate the applicable tool or test equipment for the maintenance functions.

b. Maintenance Category. The codes in this column indicate the maintenance category allocated the tool or test equipment.

c. Nomenclature. This column lists the noun name and nomenclature of the tools and test equipment to perform the maintenance functions.

d. National/NATO Stock Number. This column lists the National/NATO stock number of the specific tool or test equipment.

e. Tool Number. This column lists the manufacturer's part number of the tool followed by the Federal Supply Code for manufacturers (5-digit) in parentheses.

5. Remarks (Section IV)

a. Reference Code. This code refers to the appropriate item in Section II, Column 6.

b. Remarks. This column provides the required explanatory information necessary to clarify items appearing in Section II.

**Section II. MAINTENANCE ALLOCATION CHART
FOR
COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS | |
|------------------------|--|--|--------------------------------|-----------------------------------|-----|-----|-----|-------------------------------|---------------------------------------|-----------------------|
| | | | C | O | F | H | D | | | |
| 00 | Communication Control Console OJ-512/FRC-176(V) 7052-1000 | Inspect Test Service Adjust Repair Overhaul | | 2.75 1.0 1.25 2.0 0.5 | | | | 16.0 | 1-15 1-15 1-15 1-15 | J A K B A |
| 01 | Equipment Bay No. 1 7052-1500, Unit 1 | Inspect Service | | 0.25 0.25 | | | | | | J K |
| 0101 | 1A1 Phone Patch Panel RF-901A | Test Replace Adjust Repair | | 0.5 0.5 0.25 0.5 | | 15 | | | 12 12 | A,B A,D |
| 010101 | 1A1A1 Main Frame Assembly | | | | | | | | | C |
| 010102 | 1A1A2 VOX/Audio PWB Assembly 513-0330 | Test Replace Adjust Repair | | 0.2 0.2 0.25 | | | 1.0 | | 2,10,11, 13,14 15 15 | A,D |
| 010103 | 1A1A3 Amplifier PWB Assembly | Test Replace Repair | | 0.1 0.1 | 1.0 | | | | 2,12,14,15 15 14,15 | D |
| 010104 | 1A1A4 Ac Power Supply Assembly | Test Replace Repair | | 0.2 0.2 | | 1.0 | | | 14 15 14,15 | D |
| 0102 | 1A2 Audio Monitor A Assembly 7052-1100 | Test Replace Repair | | 1.2 2.1 0.5 | 1.0 | | | | 2,10,11,13 15 2,10,11, 13,19 | E E |
| 010201 | 1A2A1 Audio Monitor Panel Assembly 1052-1102 | Test Replace Repair | | 0.1 0.5 | | 1.0 | | | 2,10,11,13 15 2,10,11, 13,15 | E |
| 010202 | 1A2A2 Main Chassis Assembly 7052-1103 | | | | | | | | | C |

Section II. MAINTENANCE ALLOCATION CHART
FOR
COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|---|-------------------------------------|--------------------------------|--------------------|-----|------|-----|--|----------------|
| | | | C | O | F | H | D | | |
| 01020 201 | 1A2A2A1 Motherboard PWB Assembly 7052-8000 | | | | | | | | C |
| 01020 202 | 1A2A2A2 1A2A2A2A3 Microphone Preamp- plier PWB Assembly 705 -8020 | Test Replace Adjust Repair | | 0.1 0.1 0.25 | | | 1.0 | 2,10,11,13 15 14,15 2,10,11, 13,15 | E E |
| 01020 203 | 1A2A2A4 1A2A2A5 1A2A2A7 Audio Amplifier PWB Assembly 7052-8010 | Test Replace Repair | | 0.1 0.1 | | | 0.5 | 2,10,11, 13,19 14,15 2,10,11, 13,15 | |
| 01020 204 | 1A2A2A6 Summing Amplifier PWB Assembly 7052-8050 | Test Replace Adjust Repair | | 0.1 0.1 0.25 | | | 0.5 | 2,10,11,13 15 14,15 15 | E E |
| 01020 205 | 1A2A2FL1 Line Filter (Corcom)6J4 | Test Replace Repair | | 0.25 0.5 | | 1.0 | | 2,10,11,13 15 15 | E |
| 01020 206 (| 1A2A2PS1 Power Supply Dyane) CPSB2-1 | Test Replace Adjust Repair | | 0.25 0.5 | 1.0 | 0.25 | 1.0 | 2,10,11,13 15 2,10,11, 13,15 7,14,15 | E E |
| 0103 | 1A3 Telephone Switch/ Dial Panel 7052-0020 | Test Replace Repair | | 1.55 1.8 | | 1.5 | | 2,12,14 15 2,14,15 | D |
| 010301 | 1A3A1 Main Chassis Assembly (Allentel) 10850A-1 | | | | | | | | C |
| 01030 101 | 1A3A1A1 Key Bracket Assembly - Left (I.T.T.)181150-101 | Test Replace Repair | | 0.25 0.5 | | 1.0 | | 2,12,14,15 15 14,15 | D |

Section II. MAINTENANCE ALLOCATION CHART
FOR
COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|--|--------------------------------|--------------------------------|--------------|-----|-----|---|----------------------------------|----------------------|
| | | | C | O | F | H | D | | |
| 01030 102 | 1A3A1A2 Dial-Touch Tone (Micro Semicond) TP95G | Test Replace Repair | | 0.25 0.3 | 1.0 | | | 2,12,14,15 15 12,15 | D |
| 01030 103 | 1A3A1A3 Network (I.T.T.) 183070-101 | Test Replace Repair | | 0.3 0.25 | 1.0 | | | 2,12,14,15 15 12,15 | D |
| 01030 104 | 1A3A1A4 Ringer (I.T.T.) 148A | Test Replace Repair | | 0.25 0.25 | 1.0 | | | 12,15 12 12,15 | D |
| 01030 105 | 1A3A1A5 8-Way Barrier Strip 140-8 | Test Replace Repair | | 0.25 0.25 | 1.0 | | | 2,12,14,15 15 15 | D |
| 01030 106 | 1A3A1A6 Relay (Signal) 70R2 | Test Replace Repair | | 0.25 0.25 | 1.0 | 15 | | 2,12,14,15 15 | D |
| 0104 | 1A4 Remote Audio Select Panel 7052-1010-1 7052-1010-2 7052-1010-3 | Test Replace Repair | | 0.1 0.1 | 0.5 | | | 2 15 2,15 | N O P Q |
| 0105 | 1A5 Headset/Lamp Test Panel 7052-1120 | Test Replace Repair | | 0.1 0.5 | | 1.0 | | 2,12,13, 14,15 15 13,15 | D |
| 0106 | 1A6 Tape Transport Unit 7052-1252 | Test Replace Repair | | 0.5 | 0.5 | 3.0 | | 2,3,13 15 2,3,15 | F |
| 0107 | 1A7 Tape Recorder Interface PWB Assembly 7052-8040 | Test Replace Repair | | 0.1 0.25 | | 1.5 | | 2 15 2,15 | F |

**Section II. MAINTENANCE ALLOCATION CHART
FOR
COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|--|-------------------------------------|--------------------------------|--------------------|-------------|-------------|-----|-------------------------------------|----------------------|
| | | | C | O | F | H | D | | |
| 0108 | 1PS1 Power Supply (-24 Vdc)(Acopian) B24GT210-230 | Test Replace Adjust Repair | | 0.1 0.5 0.25 | | 0.75 | | 7,14 15 14,15 7,14,15 | G |
| 0109 | 1PS2 Power Supply (+12 Vdc)(Acopian) B12GT650-230 | Test Replace Adjust Repair | | 0.1 0.5 0.25 | | 0.75 | | 7,14 14,15 7,14,15 7,14,15 | H |
| 0110 | 1HT Telephone Receiver 7052-1310 | Test Replace Repair | | 0.1 0.5 | | 0.75 1.0 | | 12 15 12,15 | |
| 011001 | 1HTA1 Hookswitch (Allen Tel) 2154-100 | Test Replace Repair | | | 0.1 0.5 | | | 14,15 14,15 | 14 |
| 011002 | 1HTA2 Handset, 461662 | Test Replace Repair | | 0.1 | 0.1 | | 1.0 | 15 | 12 12,15 |
| 01100 201 | 1HTA2A1 Noise Canceling Microphone | Test Replace Repair | | 0.1 0.1 | 0.5 | | | 13 14,15 15 | |
| 0111 | 1HS Headset(Astrocom) 7052-3009 | Test Replace Repair | | 0.1 0.1 | 0.1 | 1.0 | | 14,15 14,15 | 13 |
| 0112 | 1MK Boom Microphone (Shure) 562 | Test Replace Repair | | 0.5 | 0.1 0.5 | | | 14,15 14,15 | 13 |
| 0113 | 1S1 Footswitch RF-920 | Test Replace Repair | | | 0.1 0.25 | | 0.5 | | 13 14,15 14,15 |
| 0114 | 1TB1 Footswitch Terminal Board (Chinch) 2-140 | Test Replace Repair | | 0.25 | 0.1 | .5 | | 14,15 14,15 | 13 |
| 02 | Equipment Bay No. 2 7052-1600, Unit 2 | Inspect Service | | 0.25 | 0.25 | | | | J K |

**Section II. MAINTENANCE ALLOCATION CHART
FOR
COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|--|--------------------------------|--------------------------------|-----|-----|-----|---|-------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 0201 | 2A1 Tape Control Unit 7052-1251 | Test | | 0.5 | | | | 2,3,14,15 | F |
| | | Replace | | 0.5 | | | | 15 | |
| | | Adjust | | | | 0.5 | | 14,15 | F |
| | | Repair | | | | 4.0 | | 2,3,14,15 | |
| 0202 | 2A2 Audio/Keyline Switch Panel 7052-1200 | Test | | 0.5 | | | | 2,12,14 | I |
| | | Replace | | 0.5 | | | | 15 | |
| | | Repair | | | 0.5 | | | 2,12,14 | |
| 020201 | 2A2A1 Audio/Keyline LED PWB Assembly, 7052-8140-1 | Test | | 0.1 | | | | 13 | |
| | | Replace | | | 0.5 | 0.5 | | 15 | |
| | | Repair | | | | 0.5 | | 13,15 | |
| 020202 | 2A2A2 Audio/Keyline LED PWB Assembly, 7052-8140-2, | Test | | 0.1 | | | | 13 | |
| | | Replace | | | 0.5 | | | 15 | |
| | | Repair | | | | 0.5 | | 13,15 | |
| 020203 | 2A2A3 Audio/Keyline LED Display 7052-8150 | Test | | 0.1 | | | | 13 | |
| | | Replace | | | 0.5 | | | 15 | |
| | | Repair | | | | 0.5 | | 13,15 | |
| 020204 | 2A2A4 Audio/Keyline LED Display PWB Assembly, 7052- 8160 | Test | | 0.1 | | | | 13 | |
| | | Replace | | | 0.5 | | | 15 | |
| | | Repair | | | | 0.5 | | 13,15 | |
| 020205 | 2A2A5 Audio/Keyline LED Display PWB Assembly, 7052- 8170 | Test | | 0.1 | | | | 13 | |
| | | Replace | | | 0.5 | | | 15 | |
| | | Repair | | | | 0.5 | | 13,15 | |
| 020206 | 2A2A6 Audio/Keyline LED Display PWB Assem- bly, 7052-8180 | Test | | 0.1 | | | | 13 | |
| | | Replace | | | 0.5 | | | 15 | |
| | | Repair | | | | 0.5 | | 13,15 | |
| 020207 | 2A2A7 Audio/Keyline LED Display PWB Assem- bly, 7052-8190 | Test | | 0.1 | | | | 13 | |
| | | Replace | | | 0.5 | | | 15 | |
| | | Repair | | | | 0.5 | | 13,15 | |

**Section II. MAINTENANCE ALLOCATION CHART
FOR
COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS | |
|------------------------|---|-------------------------------------|--------------------------------|------|------|---|------|-------------------------------|-------------------------------------|------------|
| | | | C | O | F | H | D | | | |
| 0203 | 2A3 Audio/Keyline Card Assembly 7052-1610 | Test Replace Repair | | 1.0 | 2.0 | | 1.0 | | 2,12,14 15 13,15 | I |
| 020301 | 2A3A1 Audio/Keyline Card Shelf No. 1 7052-1400-1 | Test Replace Adjust Repair | | | 2.0 | | 1.0 | | 12,13 15 12,13,15 12,13,15 | |
| 02030 101 | 2A3A1A1 4-Wire 6-Way Conference Bridge 4202-00 | Test Replace Adjust Repair | | 0.25 | 0.1 | | 0.25 | 1.0 | 12 15 12,15 12,15 | I |
| 02030 102 | 2A3A1A2 2A3A1A5 2A3A1A8 Master/Slave Bridge 4204-00/03 | Test Replace Adjust Repair | | 0.25 | 0.1 | | 0.25 | 1.0 | 12 15 12,15 12,15 | I I |
| 02030 103 | 2A3A1A3 2A3A1A4 2A3A1A6 2A3A1A7 2A3A1A9 2A3A1A10 Auxiliary Bridge 4204-10/11 | Test Replace Adjust Repair | | 0.25 | 0.1 | | 0.25 | 1.0 | 12 15 12,15 12,15 | I I |
| 02010 30104 | 2A3A1A1 Fuse and Distri- bution Module 4285 | Test Replace Repair | | 0.25 | 0.1 | | 1.0 | | 13 15 13,15 | |
| 020302 | 2A3A2 Audio/Keyline Card Shelf No. 2 7052-1400-2 | Test Replace Repair Adjust | | 1.0 | 2.0 | | 1.0 | 1.0 | 12,13 15 12,13,15 12,13,15 | I |
| 02030 201 | 2A3A2A1 2A3A2A2 2A3A2A3 2A3A2A4 Audio/Keyline Decoder/Driver 7052-8070 | Test Replace Repair | | | 0.25 | | 0.1 | 1.0 | 13 15 13,15 | I |

**Section II. MAINTENANCE ALLOCATION CHART
FOR
COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|---|-------------------------------------|--------------------------------|---|-------------|-------------------|---|-------------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 02030 202 | 2A3A2A5 2A3A2A6 2A3A2A7 2A3A2A8 Audio/Keyline Logic Control PWB 7052-8080 | Test Replace Repair | | | 0.5 0.1 | 0.5 | | 2,12,14 15 14,15 | I |
| 02030 203 | 2A3A2A9 Audio/Keyline Dual VOX PWB 7052-8110 | Test Replace Adjust Repair | | | 0.25 0.1 | 0.25 1.0 | | 2,13 15 2,13 2,13,15 | I I |
| 02030 204 | 2A3A2A10 2A3A3A1 2A3A3A2 2A3A3A3 2A3A3A4 2A3A3A5 2A3A3A6 2A3A3A7 2A3A3A8 Audio/Keyline Common Switch PWB 7052-8090 | Test Replace Repair | | | 0.25 0.1 | 0.5 | | 14 15 14,15 | I |
| 02030 205 | 2A3A2A11 2A3A2A12 2A3A2A13 2A3A2A14 Audio/Keyline Channel Switch No. 1 PWB 7052-8130 | Test Replace Repair | | | 0.25 0.1 | 0.5 | | 14 15 14,15 | |
| 020303 | 2A3A3 Audio/Keyline Card Shelf No. 3 7052-1400-3 | Test Replace Repair Adjust | | | 1.0 | 2.0 2.0 1.0 | | 12,13 15 12,13,15 12,13,15 | I |
| 02030 301 | 2A3A3A9 Audio/Keyline VF Monitor PWB 7052-8030 | Test Replace Repair | | | 0.25 0.1 | 1.0 | | 12,13,15 15 12,13,15 | I |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|--|-------------------------------------|--------------------------------|--------------|-------------|-----|-----|--|----------------|
| | | | C | O | F | H | D | | |
| 020304 | 2A3A4 Audio/Keyline Card Shelf No. 4 7052-1400-4 | Test Replace Repair Adjust | | | 0.5 2.0 | | | 12, 13 15 12, 13, 15 12, 13, 15 | I |
| 02030 401 | 2A3A4A1 2A3A4A2 Audio/Keyline Power Divider PWB, 7052-8100 | Test Replace Repair | | | 0.25 0.1 | | 0.5 | 13 15 13, 15 | I |
| 02030 402 | 2A3A4A3 Remote Audio Buffer Card 7052-8210 | Test Replace Adjust Repair | | 0.25 | | 0.5 | | 13 15 13 13, 15 | |
| 02030 414 | 2A3A4A15 Audio/Keyline TTY Switch PWB 7052-8120 | Test Replace Repair | | | 0.25 0.1 | | 1.0 | 13 15 13, 15 | |
| 03 | Equipment Bay No.3 7052-1700 | Inspect Service | | 0.25 0.25 | | | | | J K |
| 0301 | 3A1 Status Monitor Unit 10063-5100 | Test Replace Repair | | 1.0 | | 0.5 | 1.0 | 4, 5, 7, 12 15 4, 5, 7, 12 | |
| 030101 | 3A1A1 Main Chassis Assembly 10063- 5105 | Test Replace Repair | | 0.5 | | 0.5 | 1.0 | 12 15 12, 15 | |
| 03010 101 | 3A1A1A1 Front Panel Assembly 10063- 5150 | Test Replace Repair | | 0.5 | | 0.5 | 1.0 | 12 15 12, 15 | |
| 03010 10101 | 3A1A1A1A1 Front Panel PWB Assembly 10063-5160 | Test Replace Repair | | 0.5 | | 1.0 | 1.0 | 4, 5, 7, 12 15 4, 5, 7, 12 | |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|---|--------------------------------|--------------------------------|------|-----|-----|---|----------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 030102 | 3A1A2 3A1A3 3A1A4 3A1A5 3A1A6 3A1A7 Display Driver PWB Assembly No. 1, 10063-5170 | Test Replace Repair | | 0.25 | 0.1 | 1.0 | | 4, 5, 7, 12 15 4, 5, 7, 12 | |
| 030103 | 3A1A8 Alarm Module Assembly 10063- 5180 | Test Replace Repair | | 0.25 | 0.1 | 0.5 | | 4, 5, 7, 12 15 4, 5, 7, 12 | |
| 03010 301 | 3A1A8A1 Alarm Module PWB Assembly 10063-5190 | Test Replace Repair | | 0.25 | 0.1 | 0.5 | | 4, 5, 7, 12 15 4.5.7.12 | |
| 030104 | 3A1PS1 Power Supply (Power One) HC12-3-4 | Test Replace Repair | | 0.25 | 0.5 | 1.0 | | 4, 5, 7, 12 15 4, 5, 7, 12 | |
| 0302 | 3A2 Status Monitor Unit 10063-5100 | Test Replace Repair | | 1.0 | 0.5 | 1.0 | | 4, 5, 7, 12 15 4, 5, 7, 12 | |
| 030201 | 3A2A1 Main Chassis Assembly 10063-5105 | Test Replace Repair | | 0.5 | 0.5 | 1.0 | | 12 15 12, 15 | |
| 03020 101 | 3A2A1A1 Front Panel Assembly 10063-5150 | Test Replace Repair | | 0.5 | 0.5 | 1.0 | | 12 15 13.,15 | |
| 03020 10101 | 3A2A1A1A1 Front Panel PWB Assembly 10063-5160 | Test Replace Repair | | 0.5 | 1.0 | 1.0 | | 4, 5, 7, 12 15 | |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|---|---------------------------------------|--------------------------------|------------|------------|------------|----------------------------------|-------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 030202 | 3A2A2 3A2A3 3A2A4 3A2A5 3A2A6 3A2A7 Display Driver PWB Assembly No. 1 10063-5170 (Same as Group 030102) | | | | | | | | |
| 030203 | 3A2A8 Alarm Module Assembly 10063-5180 (Same as Group 030103) | | | | | | | | |
| 03020 301 | 3A2A8A1 Alarm Module PWB Assembly 10063-5190 (Same as Group 03010301) | | | | | | | | |
| 030204 | 3A2PS1 Power Supply (Power One) HC12-3-4 (Same as Group 030104) | | | | | | | | |
| 0303 | 3A3 3A4 Remote-Control Monitor Unit C1 1201/URC 10063-0000 | Inspect Test Repair Overhaul | | 0.1 0.1 | | 0.5 1.5 | 6, 7, 9, 13 13, 15 15 | L M | |
| 0304 | 3A5 Rack Connector/ Switch Panel 7052-1710 | Test Replace Repair | | 0.5 | 1.5 1.0 | | 7, 12, 13 15 7, 12, 13, 15 | D | |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|---|-------------------------------------|--------------------------------|------|-------------|-----|-----|-------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 030401 | 3A5A1 "A" Telephone Shelf No. 1 (Wescom) 400-11 | Test Replace Adjust Repair | | | 2.0 | 1.0 | | 7, 12, 13 15 | D |
| 03040 101 | 3A5A1A1 3A5A1A2 3A5A1A3 3A5A1A4 3A5A1A8 Transfer Relay Module, 410-00 | Test Replace Repair | | 0.25 | 0.1 | | 0.5 | 7, 12, 13 15 | D |
| 03040 102 | 3A5A1A5 Term Set 443-00 | Test Replace Adjust Repair | | 0.3 | 0.1 0.3 | | 0.5 | 7, 12, 13 15 | D D |
| 03040 103 | 3A5A1A6 3A5A1A7 3A5A1A9 Dual Line Amplifier, 401 | Test Replace Adjust Repair | | 0.25 | 0.1 0.25 | | 0.5 | 7, 12, 13 15 | D D |
| 03040 104 | 3A5A1A10 4-Wire Line Termination Module 402 | Test Replace Adjust Repair | | 0.25 | 0.1 0.25 | | 1.0 | 7, 12, 13 15 | D D |
| 03010 405 | 3A5A2A11 Combination Pickup Relay & Station Circuit, 405-00 | Test Replace Repair | | 0.25 | 0.1 | | 1.0 | 7, 12, 13 15 | D |
| 030402 | 3A5A2 "B" Telephone Shelf No. 2 (Wescom) 400-11 (Same as Group 030401) | | | | | | | | |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|--|--------------------------------|--------------------------------|---|-------------|---|-----|-------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 03040 201 | 3A5A2A1 3A5A2A2 3A5A2A3 3A5A2A4 3A5A2A8 Transfer Relay Module, 410-000 (Same as Group 030401 1) | | | | | | | | |
| 03040 202 | 3A5A2A5 Term Set, 443-00 (Same as Group 03040102) | | | | | | | | |
| 03040 203 | 3A5A2A6 3A5A2A7 3A5A2A9 Dual Line Amplifier 401 (Same as Group 03040103) | | | | | | | | |
| 03040 204 | 3A5A2A10 4-Wire Line Termination Module 402 (Same as Group 03040104) | | | | | | | | |
| 03040 205 | 3A5A2A11 Combination Pickup Relay & Station Circuit 405-00 (Same as Group 03040105) | | | | | | | | |
| 0305 | 3A6 Mitel Quadverter CF1070 | Test Replace Repair | | | 0.3 1.0 | | 1.0 | 13 15 13, 15 | |
| 030501 | 3A6A1 "A" Tone-to-Pulse Converter (Mitel) CM1625-504-701 | Test Replace Repair | | | 0.25 0.1 | | 0.5 | 7, 12, 13 15 7, 12, 15 | |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|--|-------------------------------------|--------------------------------|-------------|-------------|---|-----|-------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 030502 | 3A6A2 "B" Tone-to-Pulse Converter (Mitel) CM1625-504-701 | Test Replace Repair | | | 0.25 0.1 | | | 7, 12, 13 15 7, 12, 15 | D |
| 0306 | 3A7 Audio Connector Panel 7052-3029 | Test Replace Repair | | 0.3 | 0.5 | | 0.5 | 13 15 13, 15 | |
| 0307 | 3A8 Remote Control Connector Panel 7052-0110 | Test Replace Repair | | 0.3 | 0.5 | 1 | 0.5 | 13 15 13, 15 | |
| 0308 | 3A9 Digital Clock Assembly 7052-1730 | Test Replace Adjust Repair | | 0.3 0.25 | 0.5 0.5 | | | 13 15 13, 15 13, 15 | |
| 030801 | 3A9A1 Digital Clock PWB Assembly 7052-1720 | Test Replace Adjust Repair | | 0.3 | 0.5 0.25 | | 0.5 | 13 15 15 13, 15 | |
| 04 | Equipment Bay No.4 7052-1800 NOTE: This entire group and bay is the same as Group 01 Equipment t Bay No.1 | | | | | | | | |
| 05 | Equipment Bay No.5 7052-1900 NOTE: This entire group and bay is the same as Group 02 Equipment Bay No.2 | | | | | | | | |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 CONTROL INTERFACE GROUP OK-449(V)/FRC-176(V)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS | |
|------------------------|--|--|--------------------------------|--------------|--------------|--------------------------|------------|-------------------------------|---|-----------------------|
| | | | C | O | F | H | D | | | |
| 00 | Control Interface Group 7052-2000 | Inspect Test Service Adjust Repair Overhaul | | 2.75 | 1.0 1.25 | | 2.0 0.5 | 16.0 | 7, 12, 13 12, 15 7, 12, 13 | J A K B A |
| 01 | Telephone Equipment Bay 7052-2020 | Inspect Service | | 0.25 0.25 | 0.25 0.25 | | | | | J K |
| 0101 | 1A1 Telephone Punch Block (Seimens) S66M2-5W | | | | | | | | | |
| 0102 | 1A2 Telephone Card Shelf No. 1 (Wescom) 400-11 | Test Replace Adjust Repair | | | | 1.0 2.0 1.0 1.0 | | | 2, 12, 14 15 2, 12, 14, 15 2, 12, 14, 15 | D |
| 010201 | 1A2A1 1A2A3 1A2A5 Scanner Output Relay Card 4315-08 | Test Replace Repair | | 0.25 | 0.1 | | 0.5 | | 2, 12, 14 15 2, 12, 14, 15 | D |
| 010202 | 1A2A2 1A2A4 Ringling Timer PWB Assembly 7052-8200 | Test Replace Repair | | 0.25 | 0.1 | | 0.5 | | 2, 12, 14 15 2, 12, 14, 15 | D |
| 010203 | 1A2A6 1A2A7 Transfer Relay Module 410-00 | Test Replace Repair | | 0.25 | 0.1 | | 0.5 | | 2, 12, 14 15 2, 12, 14, 15 | D |
| 0103 | 1A3 Telephone Card Shelf No. 2 400-11 | Test Replace Adjust Repair | | | | 1.0 2.0 1.0 1.0 | | | 2, 12, 14 15 2, 12, 14, 15 2, 12, 14, 15 | D |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 CONTROL INTERFACE GROUP OK-449(V)/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|--|---|--------------------------------|------|-----|-----|-----|---|----------------|
| | | | C | O | F | H | D | | |
| 010301 | 1A3A1 1A3A2 1A3A3 1A3A4 1A3A5 1A3A6 Dual E&M/20 Hz to Signal Lead Converter 7392 | Test Replace * Repair | | 0.25 | 0.1 | 0.5 | | 2, 12, 14 15 2, 12, 14, 15 | D |
| 010302 | 1A3A7 1A3A8 1A3A9 1A3A1 0 Transfer Relay Module 410-00 (Same as Group 010203) | | | | | | | | |
| 0104 | 1A4 Telephone Card No. 3 811-00 | Test Replace Adjust Repair | | | 2.0 | 1.0 | 1.0 | 2, 12, 14 15 2, 12, 14, 15 2, 12, 14, 15 | D |
| 010401 | 1A4A1 1A4A2 1A4A3 1A4A4 1A4A5 1A4A6 Loop to E&M Dial Long Line Station End Module 7361 | 1A4A7 1A4A8 1A4A9 1A4A10 1A4A11 1A4A12 | Test Replace Repair | 0.25 | 0.1 | 0.5 | | 2, 12, 14 15 2, 12, 14, 15 | D |
| 0105 | 1A5 Telephone Card Shelf No. 4 811i-o | Test Replace Adjust Repair | | | 2.0 | 1.0 | 1.0 | 2, 12, 14 15 2, 12, 14, 15 2, 12, 14, 15 | D |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 CONTROL INTERFACE GROUP OK-449(V)/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|--|--|--------------------------------|------|-----|-----|---|----------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 010501 | 1A5A1 1A5A2 1A5A3 1A5A4 1A5A5 1A5A6 2-Wire to 4-Wire Repeater 7441 | 1A5A7 1A5A8 1A5A9 1A5A10 1A5A11 1A5A12 | Test Replace Repair | 0.25 | 0.1 | 0.5 | | 2, 12, 14 15 2, 12, 14, 15 | D |
| 0106 | 1A6 DC Patch Panel 7052-5100 | | Test Replace Repair | 0.25 | 1.0 | 1.0 | | 13 15 13, 15 | |
| 0107 | 1A7 1A8 Audio Patch Panel Assembly (ADC) JC-2-48/M | | Test Replace Repair | 0.25 | 1.0 | 1.0 | | 13 15 13, 15 | |
| 0108 | 1A9 Key Service Panel Assembly (San/Bar) SB6615B-3 | | Test Replace Repair | 0.25 | 1.0 | 1.0 | | 13 15 13, 15 | |
| 010801 | 1A9A1 Single Link-To- Station Inter- com Card SB6609B | | Test Replace Repair | 0.25 | 0.1 | 0.1 | | 2, 12, 14 15 2, 12, 14, 15 | D |
| 010802 | 1A9A2 1A9A3 1A9A4 1A9A5 1A9A6 1A9A7 Key System Line Card (Teletronic) LC400E | 1A9A8 1A9A9 1A9A10 1A9A11 1A9A12 1A9A13 | Test Replace Repair | 0.25 | 0.1 | 0.5 | | 2, 12, 14 15 2, 12, 14, 15 | D |
| 010803 | 1A9A15 Solid State Interrupter Card SB66068 | | Test Replace Repair | 0.25 | 0.1 | 0.5 | | 2, 12, 14 15 2, 12, 14, 15 | D |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 CONTROL INTERFACE GROUP OK-449(V)/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|---|--------------------------------|--------------------------------|--------------|--------------|-----|---|----------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 0109 | 1A10 Rack Connector Panel 7052-5018 | Test Replace Repair | | 0.5 | 0.5 | 0.5 | | 13 15 13, 15 | |
| 0110 | 1PS1 Power Supply 48 Vdc Reg. (Wescom) 8401-00 | Test Replace Repair | | 0.25 | 0.5 | 1.0 | | 7, 14 15 7, 14, 15 | |
| 0111 | 1PS2 Power Supply(San/ Bar) SB6613B-002 | Test Replace Repair | | 0.25 | 0.5 | 1.0 | | 7, 14 15 7, 14, 15 | |
| 0112 | 1T1 Transformer (Dongan) 35-1020 | Test Replace | | 0.25 | 0.5 | | | 13 13, 15 | |
| 0113 | 1TB1 IDF Block 12x26 | Test Replace Repair | | 0.5 | 1.0 | 0.5 | | 2, 12, 14 15 2, 12, 14, 15 | D |
| 0114 | 1TB2 IDF Block 6x26 | Test Replace Repair | | 0.5 | 1.0 | 0.5 | | 2, 12, 14 15 2, 12, 14, 15 | D |
| 02 | RF Patch Equipment Bay 7052-2010 | Inspect Service | 0.25 0.25 | 0.25 0.25 | 0.25 0.25 | | | | J K |
| 0201 | 2A1 RF Patch Panel Assembly (10x15) 7052-2100 (Nellingen & Boeblingen) | Test Replace Repair | | 0.25 | 0.5 0.5 | | | 13 15 13, 14 | |
| 0201 | 2A1 RF Patch Panel Assembly (10x20) 7052-2200 (Edingen) | Test Replace Repair | | 0.25 | 0.5 0.5 | | | 13 15 13, 15 | |
| 0201 | 2A1 RF Patch Panel Assembly (25x35) 7052-2300 (Bann and Incirlik) | Test Replace Repair | | 0.25 | 0.5 0.5 | 0.5 | | 13 15 13, 15 | |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 CONTROL INTERFACE GROUP OK-449(V)/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|--|---|--------------------------------|-------------|------------|------|---|-------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 0201 | 2A1 RF Patch Panel Assembly (10x25) 7052-2400 (Bremerhaven) | Test Replace Repair | | 0.25 0.5 | 0.5 0.5 | | | 13 15 13, 15 | |
| 0202 | 2A2 LP Antenna Control/ Indicator 873492 (Nellingen, Boeb- lingen, Edingen, Incirlik, & Bremer- haven) | Test Replace Repair | | 0.1 | 0.25 | 0.75 | | 13 13 13, 15 | |
| 0202 | 2A2 DC Patch Panel Assembly 7052-5100 | Test Replace Repair | | 0.25 | 1.0 | 1.0 | | 13 15 13, 15 | N |
| 0203 | 2A3 LP Antenna Control/ Indicator 873492 (Nellingen, Boeb- lingen, Edingen, & Incirlik) | Test Replace Repair | | 0.1 | 0.25 | 0.75 | | 13 15 13, 15 | |
| 0203 | 2A3 Audio Patch Panel Assembly (Console A) (ADC) JC-2-48/M | Test Replace Repair | | 0.25 | 1.0 | 1.0 | | 13 15 13, 15 | N |
| 0204 | 2A4 LP Antenna Control/ Indicator 873492 (Incirlik) | Test Replace Repair | | 0.1 | 0.25 | 0.75 | | 13 15 13, 15 | |
| 0204 | 2A4 2A5 Audio Patch Panel Assembly (Console B)(ADC) JC-2-48/M | Test Replace Repair | | 0.25 | 1.0 | 1.0 | | 13 15 13, 15 | N |
| 0205 | 2A6 2A7 LP Antenna Control/ Indicator 873492 | 2A8 2A9 Test Replace Repair | | 0.1 | 0.25 | 0.75 | | 13 15 13, 15 | N |

**Section II. MAINTENANCE ALLOCATION CHART
 FOR
 CONTROL INTERFACE GROUP OK-449(V)/FRC-176(V) (Continued)**

| (1) GROUP NUMBER | (2) COMPONENT/ASSEMBLY | (3) MAINTENANCE FUNCTION | (4) MAINTENANCE CATEGORY | | | | | (5) TOOLS AND EQUIPMENT | (6) REMARKS |
|------------------------|--|--------------------------------|--------------------------------|-----|-----|-----|---|-------------------------------|----------------|
| | | | C | O | F | H | D | | |
| 0206 | 2A10 Rack Connector Panel 7052-5018 | Test Replace Repair | | 0.5 | 0.5 | 0.5 | | 13 15 13, 15 | N |

**Section III. TOOL AND TEST EQUIPMENT REQUIREMENTS
 FOR
 COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V)
 AND CONTROL INTERFACE GROUP OK-449(V)/FRC-176(V)**

| TOOL OR TEST EQUIPMENT REF CODE | MAINTENANCE CATEGORY | NOMENCLATURE | NATIONAL/NATO STOCK NUMBER | TOOL NUMBER |
|---------------------------------------|-------------------------|--|-------------------------------|----------------|
| 1 | O/F, H | Attenuator, 2kW, 30dB, 8329 | 5985-00-110-0381 | |
| 2 | O/F, H | Audio Oscillator AN/URM-127 | 6625-00-783-5985 | |
| 3 | O/F, H | Blank Tape, 211-1/4-R30 | | |
| 4 | O/F, H | Logic Probe, HP-545A | 6625-01-047-7309 | |
| 5 | O/F, H | Logic Pulser, HP-546A | 6625-01-072-5085 | |
| 6 | O/F, H | Millivoltmeter, AN/URM-145B | 6625-00-437-4865 | |
| 7 | O/F, H | Oscilloscope, OS-261U | 6625-00-127-0079 | |
| 8 | O/F, H | Probe-T-Connector, HP-11042 | 5985-00-713-4356 | |
| 9 | O/F, H | Signal Generator, HP606B | 6625-00-566-3067 | |
| 10 | O/F, H | Test Adapter, Audio MON, J1 Plug Amp 206434 Pin Amp 1-66506-o Shell Amp 20602-1 | | |
| 11 | O/F, H | Test Adapter, Audio MON J2 Plug Amp 206-039-1 Pin Amp 1-66506-0 Shell Amp 20672-1 | | |
| 12 | O/F, H | Transmission Test Set, HP3551A | | |
| 13 | O/F, H | Volt Ohm Meter, AN/USM-223 | 6625-00-999-7465 | |
| 14 | O/F, H | VTVM, ME-303 A/U | 6625-00-969-4105 | |
| 15 | O/F, H | Tool Kit, TK-101/G | 6625-00-494-8565 | |

**Section IV. REMARKS
 FOR
 COMMUNICATIONS CONTROL CONSOLE OJ-512/FRC-176(V)
 AND CONTROL INTERFACE GROUP OK-449(V)/FRC-176(V)**

| REF CODE | REMARKS |
|-------------|--|
| A | Used tools as indicated in Performance Verification Section III, Paragraph 3-6. |
| B | Used as required in Alignment and Adjustment in Section IV of Chapter 3. |
| C | No maintenance required. |
| D | See Telephone Signal Level Adjust Chapter 3, Section IV, paragraph 3-14. |
| E | See Audio Monitor Signal Level Adjustment Chapter 3, Section IV, paragraph 3-13. |
| F | See Tape Recorder Input/Output Level Adjustment paragraph 3-12. |
| G | See -24 Vdc Power Supply Adjustment paragraph 3-16. |
| H | See +12 Vdc Power Supply Adjustment paragraph 3-15. |
| I | See Audio/Keyline Signal Level Adjustment paragraph 3-11. |
| J | See Inspection Procedure Table 3-2. |
| K | See Cleaning Procedure Table 3-1. |
| L | This unit has Built-In-Test-Equipment (BITE) |
| M | Refer to alignment procedure in Maintenance Instruction TM 11-5820-893-14. |
| N | Used on Bann "B" site consoles only. |
| O | Bann Console A only. |
| P | Bann Console B only. |
| Q | Bann Console C only. |
| R | Not located in Telephone Equipment Bay for Bann "B" Site only (1A8 only). |

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| RES DES | HA15-5 | STD % | HA5-120VP | STD % | DESCRIPTION |
|-----------|----------|-----------|-----------|-----------|----------------------|
| C1,5 | 100/35 | 10-10110 | 220/16 | 101-10107 | CAPACITOR, ELECT |
| C2,3 | 330/35 | 10-10109 | 1000/16 | 101-10105 | CAPACITOR, ELECT |
| C4 | .001/100 | 104-10093 | .001/100 | 104-10093 | CAPACITOR, ELECT |
| CR1,2,3,4 | AE1C | 111-10251 | AE1C | 111-10251 | DIODE, 1A 200V |
| CR5 | | | 1N752A | 112-10006 | DIODE ZENER |
| SCR1 | | | 50303LS3 | 160-10258 | SCR 3A |
| Q1 | 12500-B | 171-10261 | 12500-a | 171-10261 | TRANSISTOR, NPN |
| R11 | 1K | 151-10365 | 220 ~ | 151-10349 | RESISTOR 1/2W 5% CF |
| R12 | | | 47 ~ | 151-10333 | |
| R2 | 12K | 151-10367 | 47 ~ | 151-10333 | |
| R5 | 270 ~ | 151-10351 | 220 ~ | 151-10349 | |
| R3 | 2.2K | 151-10373 | | | |
| R4 | 1 ~ | 151-10300 | | | |
| R6 | 4.7K | 151-10381 | 1.6K | 151-10370 | |
| R10 | 1.2K MF | 152-10507 | 3.3K | 151-10377 | |
| R9 | 220 ~ | 151-10349 | 6.8 ~ | 151-10313 | 1/2W 5% CF |
| R13 | 47 ~ CF | 151-10333 | 750 ~ MF | 152-10502 | CF OR MF |
| R14 | | | 1.2K | 152-10507 | 1/2W 2% MF |
| R4 | | | .39 A | 155-10081 | RESISTOR 2W BAH |
| R8 | 1.5K | 155-10086 | 1.5K | 155-10086 | POTENTIOMETER 2W WW |
| U1 | 116 723 | 130-10287 | 116 723 | 130-10287 | IC VOLTAGE REGULATOR |
| T1 | 12573 | 082-12573 | 12569 | 082-12569 | TRANSFORMER |
| CHASSIS | 12567 | 412-12567 | 12567 | 412-12567 | CHASSIS |
| P.C.B. | 12574 | 505-12574 | 12574 | 505-12574 | P.C. BOARD |

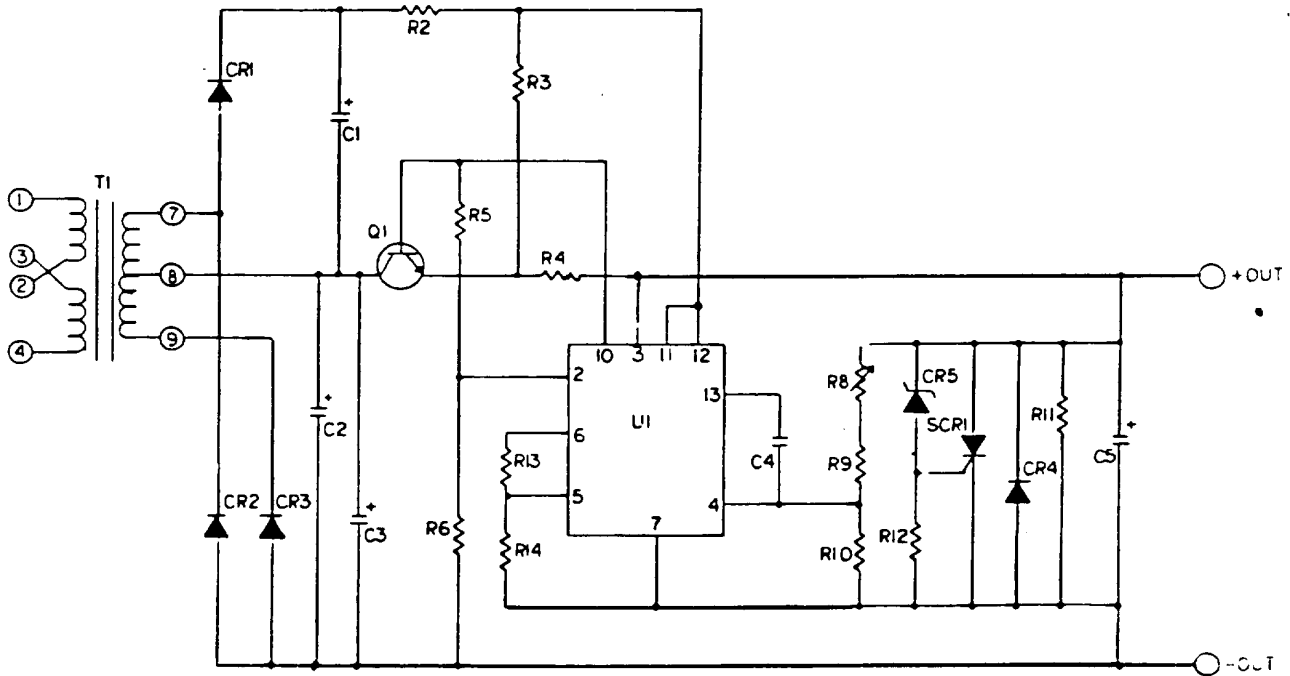


Figure 6-43. Power Supply, P/N HA15-0.5, 3A2PS1 Communication Control Console OJ-512/FRC-176(V), Schematic Diagram

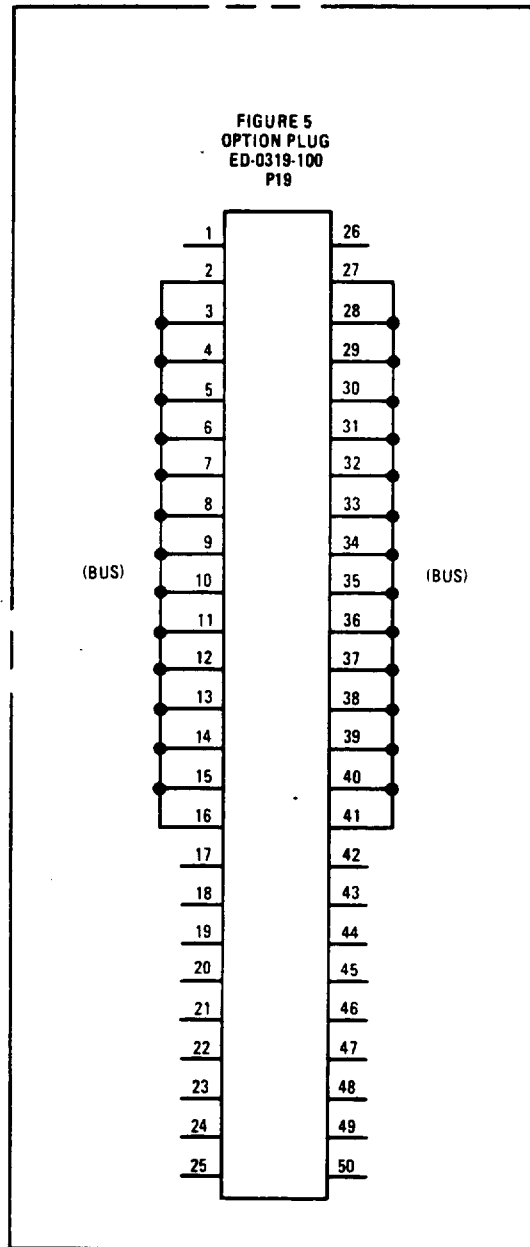


Figure 6-54. Key Service Panel, P/N SB6615B-3, 1A9 In Control Interface Group OK-449(V)/ FRC-176(V), Schematic Diagram (Sheet 3 of 3)

6-173/(6-174 blank)

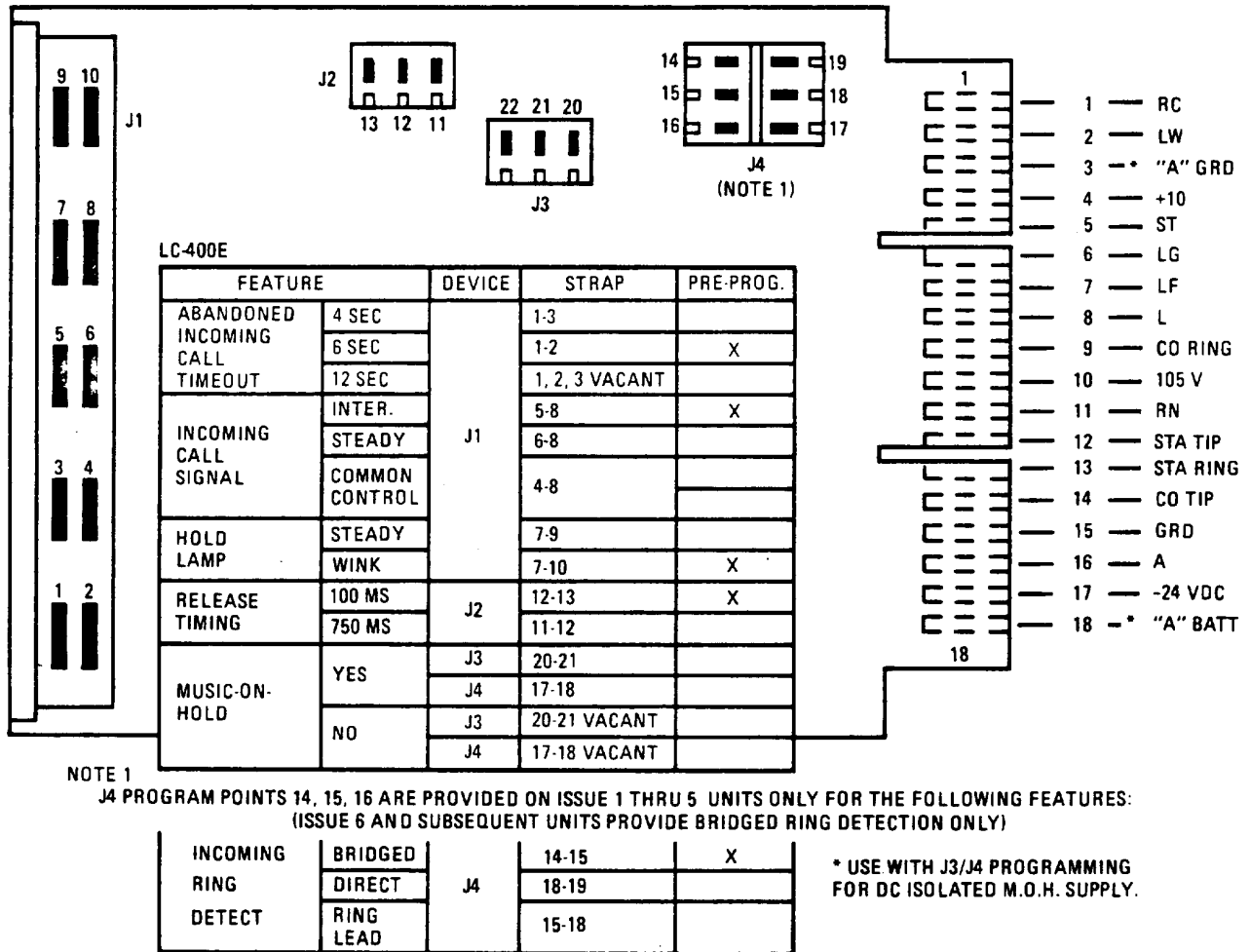


Figure 6-56. Key Telephone System Line PWB, P/N LC400E, 1A9A2 thru 1A9A13 Control Interface Group OK-449(V)/FRC-176(V), Program Guide/ Input-Output Data (Sheet 1 of 2)

| PROGRAM SELECTION CHART | | | |
|--|---|--|-----------------|
| PROGRAM | STRAP | APPLICATION | FACTORY PROGRAM |
| ABANDONED INCOMING CALL -TIMEOUT | 4 sec. J1, 1 - 3 | Program the time period which is closest to but greater than the incoming ring signal silent period | |
| | 6 sec. J1, 1 - 2 | | X |
| | 12 sec. J1, 1 thru 3 vacant | | |
| STATION CALL SIGNAL | Inter. J1, 5 - 8 | Program the type of station incoming call signal that is required (interrupted, continuous or common control ground). | X |
| | Cont. J1, 6 - 8 | | |
| | Common Control J1, 4 - 8 | | |
| HOLD LAMP | Steady J1, 7 - 9 | Program the type of on-hold lamp indication that is required (steady or winking). | X |
| | Wink J1, 7 - 10 | | |
| RELEASE TIMING | 100 ms. J2, 12 - 13 | Program the time period (100 ms. or 750 ms.) which is closest to but greater than the expected open loop call switching periods of the associated switching office equipment. | X |
| | 750 ms. J2, 11-- 12 | | |
| <p align="center"><u>NOTE</u> (Partial list of Bell System Office requirements). <u>100 ms. RELEASE TIME</u> PBX - 701,756,757,758,800, 801,805 C.O.- No. 1 X-Bar, No. 5 X-Bar, SXS <u>750 ms. RELEASE TIME</u> PBX - 770,821, Deminsion C.O.- No. 1 ESS, No. 2 ESS</p> | | | |
| MUSIC ON HOLD | J3, 20 - 21 | Use this program when the MOH audio will be supplied to connector pins 3 and 18 for application to the line. Do not use this program if: a) W.E. Co. 498 type music interface is used. b) music interface is connected to program points J3-20 and J4-17 (see Note 1 of 3.04) | |
| | J4, 17 - 18 (User Selectable Option) | | |
| <p>NOTE: The following program feature is provided on ISSUE 1 thru 5 units only. (Issue 6 and subsequent issues provide bridged tip/ring incoming call signal detection only).</p> | | | |
| INCOMING RING DETECT | Bridged J4, 14 - 15 | Program for the type of incoming call signal that will be received. (bridged tip to ring, direct -24 Vdc, ring lead to ground.) | |
| | Direct J4, 18 - 19 | | |
| | Ring J4, 15 - 18 | | |
| | Lead | | |
| <p>Program straps are stored by the factory in: J3, 21 - 22 J4, 17 -</p> | | | |

Figure 6-56. Key Telephone System Line PWB, P/N LC400E, 1A9A2 thru 1A9A13 Control Interface Group OK-449(V)/FRC-176 (V), Program Guide/ Input-Output Data (Sheet 2 of 2)

NOTE: UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±5%.
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.

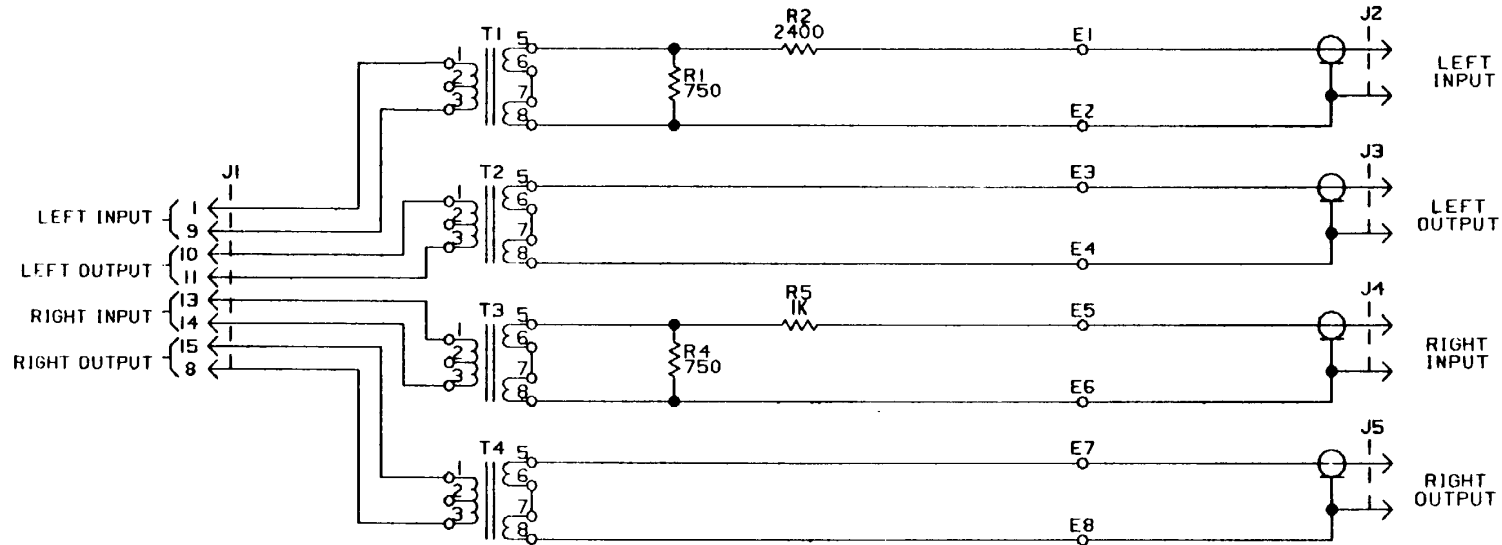


Figure 6-61. Tape Recorder Interface PWB Assembly, P/N 7052-8040, 1A7 In Communication Control Console, OJ-512/FRC-176(V), Schematic Diagram

CHAPTER 7

WIRE RUN LIST

7-1. SCOPE

This chapter provides wire run lists for all internal cables in the Communication Control Console and Control Interface Group. Also included are external interface cables between these two units and other units in the Radio Communications System.

7-2. COMMUNICATION CONTROL CONSOLE OJ-512/FRC-176(V) CABLES

Table 7-1 lists all of the Communication Control Console telephone equipment cables which are shown and identified on interconnection diagram figure 6-1. Column one of the table identifies cable "W" number, columns two and three identify cable's FROM and TO destination by reference designators, and column four identifies cable's part number. Tables 7-2 thru 7-23 are wire run lists for the cables listed in table 7-1. Tables 7-25 thru 7-40 are wire run lists for the console cables listed in table 7-24 and shown on figure 6-1. Table 7-41 is the wire run list for both 7052-1791 cables connected to Audio Connector Panel CCC3ABTB1 and TB2.

Table 7-1. Communication Control Console OJ-512/FRC-176(V) Telephone Cables

| “W” Number | From | To | Part Number |
|-----------------------|-------------|---|--------------------|
| W1 | 3A5J1 | 3A5TB1 | 7052-1735 |
| W2 | 3A5J2 | 3A5TB1 | 7052-1736 |
| W3 | 3A5J3 | 3A5TB1 | 7052-1737 |
| W4 | 1A3J1 | 3A5TB1 & 3A5J15 | 7052-1738 |
| W5 | 3A5TB1 | 1A3J2 | 7052-1739 |
| W6 | 3A5TB1 | 1A3J3 | 7052-1740 |
| W7 | 3A5TB1 | 1A3J4 | 7052-1741 |
| W8 | 3A5TB1 | 4A3J1 | 7052-1742 |
| W9 | 3A5TB1 | 4A3J2 | 7052-1743 |
| W10 | 4A3J3 | 3A5TB1 & 3A5J15 | 7052-1744 |
| W11 | 3A5TB1 | 4A3J4 | 7052-1745 |
| W12 | N/A | N/A | N/A |
| W13 | 3A5TB1 | 3A5A2J1 & 3A5A2J2 & 3A5A2J3 & 3A5A2J4 | 7052-1746 |
| W14 | 3A5TB1 | 3A5A1J1 & 3A5A1J2 & 3A52J1 & 3A5A2J2 & 3A5A2J3 & 3A5A2J4 | 7052-1747 |
| W15 | 3A5TB1 | 3A5A1J5 & 3A5A1J7 & 3A5A1J8 & 3A5A2J5 & 3A5A2J8 & 3A5A1J11 & 3A5A2J11 & 3A5A1J1 & 3A5A1J2 & 3A5A1J3 & 3A5A1J4 | 7052-1748 |

Table 7-1. Communication Control Console OJ-512/FRC-176(V) Telephone Cables (Cont.)

| "W" Number | From | To | Part Number |
|------------------|---|---|---|
| W16 | 3A5TB1 | 3A5A2J1 & 3A5A2J2 & 3A5A2J3 & 3A5A2J4 | 7052-1749 |
| W17 ¹ | 3A5A1J1 3A5A1J2 3A5A1J3 3A5A1J4 3A5A1J5 3A5A1J6 3A5A1J7 3A5A1J8 3A5A1J9 3A5A1J10 3A5A1J11 | 3A5A1J1 3A5A1J2 3A5A1J3 3A5A1J4 3A5A1J6 3A5A1J7 3A5A1J8 3A5A1J9 3A5A1J10 3A5A1J11 | 7052-1750 (1) PIN TO PIN JUMPERS ON 3A5A1. |
| W18 ² | 3A5A2J1 3A5A2J2 3A5A2J3 3A5A2J4 3A5A2J5 3A5A2J6 3A5A2J7 3A5A2J8 3A5A2J9 3A5A2J10 3A5A2J11 | 3A5A2J1 3A5A2J2 3A5A2J3 3A5A2J4 3A5A2J5 3A5A2J6 3A5A2J7 3A5A2J8 3A5A2J9 3A5A2J10 3A5A2J11 | 7052-1751 (2) PIN TO PIN JUMPERS ON 3A5A2 |
| W19 ³ | 3A5A2J1 3A5A2J2 3A5A2J3 3A5A2J4 | 3A5A1J1 3A5A1J2 3A5A1J3 3A5A1J4 | 7052-1752 (3) PIN TO PIN JUMPERS BETWEEN 3A5A1 AND 3A5A2 |
| W20 ⁴ | 3A5J13 | 3A5A1J8 & 3A5TB1 | 7052-1753 (4) PIN TO PIN JUMPERS BETWEEN 3A5J13 AND 3A5A1J8 and 3A5TB1 |
| W215 | 3A5A1J14 3A5TB1 | 3A5A2J8 & (5) | 7052-1754 PIN TO PIN JUMPERS BETWEEN 3A5A1J14 and 3A5A2J8 AND 3A5TB1 |

Table 7-1. Communication Control Console OJ-512/FRC-176(V) Telephone Cables (Cont.)

| "W" Number | From | To | Part Number |
|------------------|---|--|--|
| W22 ⁶ | 3A5TB 3A5A1J4 3A5A1J1 3A5TB2 3A5TB2 3A5A1J1 3A5TB3 3A5TB3 3A5TB1 3A51J11 3A5TB2 3A5TB2 3A5TB2 3A5TB3 3A5TB3 3A5TB3 | 3A5A1J1 3A5A2J1 3A5TB1 3A5TB1 3A5J15 3A5TB1 3A5TB1 3A5J15 3A5A1J11 3A5A2J11 3A5A1J1 3A5A1J6 3A5J15 3A5A2J1 3A5A2J6 3A5J15 | 7052-1755 (6) POWER WIRING, PIN TO PIN |
| W23 ⁷ | 3A6W1P1 3A6W1P2 | 3A5J15 3A5J15 | 7052-1756 (7) TONE TO PULSE WIRING |

| From | To | Function | | Notes |
|----------------|----------------------------|----------|-----|------------------------|
| 3A5J1-1 -26 | 3A5TB1AW-20 3A5TB1AW-21 | R1 T1 | L-1 | BLU/WHT WHT/BLU |
| -2 -27 | 3A5TB1AW-22 3A5TB1AW-23 | R T | | ORN/WHT WHT/ORN |
| -3 -28 | 3A5TBIBW-20 3A5TBIBW-21 | R1 T1 | L-2 | GRN/WHT WHT/GRN |
| -4 -29 | 3A5TB1BW-22 3A5TB1BW-23 | R T | | BRN/WHT WHT/BRN |
| -5 -30 | 3A5TBICW-20 3A5TBICW-21 | R1 T1 | L-3 | SLATE/WHT WHT/SLATE |
| -6 -31 | 3A5TB1CW-22 3A5TB1CW-23 | R T | | BLU/RED RED/BLU |
| -7 -32 | 3A5TB1DW-20 3A5TB1DW-21 | R1 T1 | L-4 | ORN/RED RED/ORN |
| -8 -33 | 3A5TB1DW-22 3A5TB1DW-23 | R T | | GRN/RED RED/GRN |
| -9 -34 | 3A5TB1EW-20 3A5TB1EW-21 | R1 T1 | L-5 | BRN/RED RED/BRN |
| -10 -35 | 3A5TB1EW-22 3A5TB1EW-23 | R T | | SLATE/RED RED/SLATE |
| -11 -36 | 3A5TB1FW-20 3A5TB1FW-21 | R1 T1 | L-6 | BLU/BLK BLK/BLU |
| -12 -37 | 3A5TB1FW-22 3A5TB1FW-23 | R T | | ORN/BLK BLK/ORN |
| -13 -38 | 3A5TB1HW-20 3A5TB1HW-21 | R1 T1 | L-7 | GRN/BLK BLK/GRN |
| -14 -39 | 3A5TB1HW-22 3A5TB1HW-23 | R T | | BRN/BLK BLK/BRN |
| -15 -40 | 3A5TB1JW-20 3A5TB1JW-21 | R1 T1 | L-8 | SLATE/BLK BLK/SLATE |
| -16 -41 | 3A5TB1JW-22 3A5TB1JW-23 | R T | | BLU/YEL YEL/BLU |

Table 7-2. Console Telephone Cable W1, 7051-1735 (Cont.)

| From | To | Function | | Notes |
|----------|-------------|----------|------|-----------|
| 3A5J1-17 | 3A5TB1KW-20 | R1 | L-9 | ORN/YEL |
| -42 | 3A5TB1KW-21 | T1 | | YEL/ORN |
| -18 | 3A5TB1KW-22 | R | | GRN/YEL |
| -43 | 3A5TB1KW-23 | T | | YEL/GRN |
| -19 | 3A5TB1LW-20 | R1 | L-10 | BRN/YEL |
| -44 | 3A5TB1LW-21 | T1 | | YEL/BRN |
| -20 | 3A5TB1LW-22 | R | | SLATE/YEL |
| -45 | 3A5TB1LW-23 | T | | YEL/SLATE |
| -21 | 3A5TB1MW-20 | R1 | L-11 | BLU/VIO |
| -46 | 3A5TB1MW-21 | T1 | | VIO/BLU |
| -22 | 3A5TB1MW-22 | R | | ORN/VIO |
| -47 | 3A5TB1MW-23 | T | | VIO/ORN |
| -23 | 3A5TB1NW-20 | R1 | L-12 | GRN/VIO |
| -48 | 3A5TB1NW-21 | T1 | | VIO/GRN |
| -24 | 3A5TB1NW-22 | R | | BRN/VIO |
| -49 | 3A5TB1NW-23 | T | | VIO/BRN |
| -25 | 3A5TB1AW-11 | SP-1 | | SLATE/VIO |
| -50 | 3A5TB1BW-11 | SP-2 | | VIO/SLATE |

Table 7-3. Console Telephone Cable W2, 7052-1736

| From | To | Function | | Notes |
|-----------------|---------------------|------------------|-----|------------------------|
| 3A5-J2-1 -26 | 3A5TB1-AW-14 -15 | R(STA) T(STA) | L-1 | BLU/WHT WHT/BLU |
| -2 -27 | -16 -17 | A L | | ORN/WHT WHT/ORN |
| -3 -28 | BW-14 -15 | R(STA) T(STA) | L-2 | GRN/WHT WHT/GRN |
| -4 -29 | -16 -17 | A L | | BRN/WHT WHT/BRN |
| -5 -30 | CW-14 -15 | R(STA) T(STA) | L-3 | SLATE/WHT WHT/SLATE |
| -6 -31 | -16 -17 | A L | | BLU/RED RED/BLU |
| -7 -32 | DW-14 -15 | R(STA) T(STA) | L-4 | ORN/RED RED/ORN |
| -8 -33 | -16 -17 | A L | | GRN/RED RED/GRN |
| -9 -34 | EW-14 -15 | R(STA) T(STA) | L-5 | BRN/RED RED/BRN |
| -10 -35 | -16 -17 | A L | | SLATE/RED RED/SLATE |
| -11 -36 | FW-14 -15 | R(STA) T(STA) | L-6 | BLU/BLK BLK/BLU |
| -12 -37 | -16 -17 | A L | | ORN/BLK BLK/ORN |
| -13 -38 | HW-14 -15 | R(STA) T(STA) | L-7 | GRN/BLK BLK/GRN |
| -14 -39 | -16 -17 | A L | | BRN/BLK BLK/BRN |
| -15 -40 | JW-14 -15 | R(STA) T(STA) | L-8 | SLATE/BLK BLK/SLATE |
| -16 --41 | -16 -17 | A L | | BLU/YEL YEL/BLU |

Table 7-3. Console Telephone Cable W2, 7052-1736 (Cont.)

| From | To | Function | | Notes |
|-----------|--------------|----------|------|-----------|
| 3A5-J1-17 | 3A5TB1-KW-14 | R(STA) | L-9 | ORN/YEL |
| -42 | -15 | T(STA) | | YEL/ORN |
| -18 | -16 | A | | GRN/YEL |
| -43 | -17 | L | | YEL/GRN |
| -19 | -LW-14 | R(STA) | L-10 | BRN/YEL |
| -44 | -15 | T(STA) | | YEL/BRN |
| -20 | -16 | A | | SLATE/YEL |
| -45 | -17 | L | | YEL/SLATE |
| -21 | -MW-14 | R(STA) | L-11 | BLU/VIO |
| -46 | -15 | T(STA) | | VIO/BLU |
| -22 | -16 | A | | ORN/VIO |
| -47 | -17 | L | | VIO/ORN |
| -23 | -NW-14 | R(STA) | L-12 | GRN/VIO |
| -48 | -15 | T(STA) | | VIO/GRN |
| -24 | -16 | A | | BRN/VIO |
| -49 | -17 | L | | VIO/BRN |
| -25 | -AW-10 | SP-3 | | SLATE/VIO |
| -50 | -BW-10 | SP-4 | | VIO/SLATE |

Table 7-4. Console Telephone Cable W3, 7052-1737

| From | To | Function | | Notes |
|-----------------|---------------------|-------------|---------------|------------------------|
| 3A5-J3-1 -26 | 3A5TB1-AW-24 -25 | BR L | RADIO PATCH-1 | BLU/WHT WHT/BLU |
| -2 -27 | -BW-24 -25 | BR L | -2 | ORN/WHT WHT/ORN |
| -3 -28 | -CW-24 -25 | BR L | -3 | GRN/WHT WHT/GRN |
| -4 -29 | -DW-24 -25 | BR L | -4 | BRN/WHT WHT/BRN |
| -5 -30 | -EW-24 -25 | BR L | -5 | SLATE/WHT WHT/SLATE |
| -6 -31 | -FW-24 -25 | BR L | -6 | BLU/RED RED/BLU |
| -7 -32 | -HW-24 -25 | BR L | -7 | ORN/RED RED/ORN |
| -8 -33 | -JW-24 -25 | BR L | -8 | GRN/RED RED/GRN |
| -9 -34 | -KW-24 -25 | BR L | -9 | BRN/RED RED/BRN |
| -10 -35 | -LW-24 -25 | BR L | -10 | SLATE/RED RED/SLATE |
| -11 -36 | -MW-24 -25 | BR L | -11 | BLU/BLK BLK/BLU |
| -12 -37 | -NW-24 -25 | BR L | -12 | ORN/BLK BLK/ORN |
| -13 -38 | -AW-12 -BW-12 | RC5 RC4 | -13 | GRN/BLK BLK/GRN |
| -14 -39 | -CW-12 -DW-12 | RING RC1 | -14 | BRN/BLK BLK/BRN |
| -15 -40 | -EW-12 -FW-12 | T1P RC2 | -15 | SLATE/BLK BLK/SLATE |
| -16 -41 | -HW-12 -JW-12 | L RC3 | | BLU/YEL YEL/BLU |

Table 7-4. Console Telephone Cable W3, 7052-1737 (Cont.)

| From | To | Function | Notes |
|------------------|------------------------|----------------------------------|------------------------|
| 3A5-J3-17 -42 | 3A5TB1-KW-12 -LW-12 | RC6 B1 | ORN/YEL YEL/ORN |
| -18 -43 | -MW-12 -NW-12 | L - BRG LINE 1 L - BRG LINE 2 | GRN/YEL YEL/GRN |
| -19 -44 | -AW-13 -BW-13 | LTS-1 LTS-2 | BRN/YEL YEL/BRN |
| -20 -45 | -CW-13 -DW-13 | 9VAC RG-RTN | SLATE/YEL YEL/SLATE |
| -21 -46 | -EW-13 -FW-13 | SIG BATT RTN 1 SIG BATT RTN 2 | BLU/VIO VIO/BLU |
| -22 -47 | -HW-13 -JW-13 | SP-6 (RCR1) -7 | ORN/VIO VIO/ORN |
| -23 -48 | -KW-13 -LW-13 | -8 -9 | GRN/VIO VIO/GRN |
| -24 -49 | -AS-26 -BS-26 | LAMP GND 1 | BRN/VIO VIO/BRN |
| -25 -50 | -CS-26 -DS-26 | LAMP GND 2 | SLATE/VIO VIO/SLATE |

Table 7-5. Console Telephone Cable W4, 7052-1738

| From | To | Function | Notes |
|----------------|------------------------|------------------|---|
| 1A3J1-1 -26 | 3A5J15-3 3A5J15-10 | R T | CONVERTER 1 LINE A-OP BLU/WHT WHT/BLU |
| -2 -27 | TB1-EW-13 | A1 SIG.BAT.RTN.1 | ORN/WHT WHT/ORN |
| -3 -28 | | | GRN/WHT WHT/GRN |
| -4 -29 | -MW-14 -MW-15 | R11 T11 | TEL-LINE-11 BRN/WHT WHT/BRN |
| -5 -30 | -MW-16 | A11 | SLATE/WHT WHT/SLATE |
| -6 -31 | -MW-17 -KW-26 | L11 LG11 | BLU/RED RED/BLU |
| -7 -32 | -NW-14 -NW-15 | R12 T12 | TEL-LINE-12 ORN/RED RED/ORN |
| -8 -33 | -NW-16 | A12 | GRN/RED RED/GRN |
| -9 -34 | -NW-17 -NW-26 | L12 LG12 | BRN/RED RED/BRN |
| -10 | | | SLATE/RED RED/SLATE |
| -11 -36 | * | A-ICOM | BLU/BLK BLK/BLU |
| -12 -37 | | | ORN/BLK BLK/ORN |
| -13 -38 | | | GRN/BLK BLK/GRN |
| -14 -39 | -LW-10 | A-BRG | BRN/BLK BLK/BRN |
| -15 -40 | | | SLATE/BLK BLK/SLATE |
| -16 -41 | 3A5TB1-FW-10 -EW-10 | R T | BRIDGE LINE A-OP BLU/YEL YEL/BLU |

Table 7-5. Console Telephone Cable W4, 7052-1738 (Cont.)

| From | To | Function | Notes |
|----------|--------------|-------------------|-----------|
| 1A3J1-17 | 3A5TB1-JW-10 | RR (TB1-25) | ORN/YEL |
| -42 | -HW-10 | RT (TB1-27) | YEL/ORN |
| -18 | -MW-10 | L -BRG | GRN/YEL |
| -43 | -HW-26 | LG-BRG | YEL/GRN |
| -19 | -CW-12 | R-ICOM | BRN/YEL |
| -44 | -EW-12 | T | YEL/BRN |
| -20 | -DW-12 | RINGER RC1 (BELL) | SLATE/YEL |
| -45 | -DW-13 | RINGER RTN (BELL) | YEL/SLATE |
| -21 | -HW-12 | L -ICOM | BLU/VIO |
| -46 | -JS-26 | LG-ICOM | VIO/BLU |
| -22 | | | ORN/VIO |
| -47 | | | VIO/ORN |
| -23 | * | | GRN/VIO |
| -48 | * | | VIO/GRN |
| -24 | * | | BRN/VIO |
| -49 | * | | VIO/BRN |
| -25 | | | SLATE/VIO |
| -50 | | | VIO/SLATE |
| | | * TIE BACK | |

Table 7-6. Console Telephone Cable W5, 7052-1739

| From | To | Function | Notes |
|---------|--------------|-----------------------|-----------|
| 1A3J2-1 | 3A5TB1-AW-14 | R1 TEL LINE 1-10 A-OP | BLU/WHT |
| -26 | -15 | T1 | WHT/BLU |
| -2 | -LW-16 | A10 | ORN/WHT |
| -27 | -AW-16 | A1 | WHT/ORN |
| -3 | -AW-17 | L1 | GRN/WHT |
| -28 | -HW-26 | LG1 | WHT/GRN |
| -4 | -BW-14 | R2 | BRN/WHT |
| -29 | -15 | T2 | WHT/BRN |
| -5 | -KW-16 | A9 | SLATE/WHT |
| -30 | -BW-16 | A2 | WHT/SLATE |
| -6 | -BW-17 | L2 | BLU/RED |
| -31 | -HW-26 | LG2 | RED/BLU |
| -7 | -CW-14 | R3 | ORN/RED |
| -32 | -15 | T3 | RED/ORN |
| -8 | -JW-16 | A8 | GRN/RED |
| -33 | -CW-16 | A3 | RED/GRN |
| -9 | -CW-17 | L3 | BRN/RED |
| -34 | -HW-26 | LG3 | RED/BRN |
| -10 | -DW-14 | R4 | SLATE/RED |
| -35 | -15 | T4 | RED/SLATE |
| -11 | -HW-16 | A7 | BLU/BLK |
| -36 | -DW-16 | A4 | BLK/BLU |
| -12 | -DW-17 | L4 | ORN/BLK |
| -37 | -HW-26 | LG4 | BLK/ORN |
| -13 | -EW-14 | R5 | GRN/BLK |
| -38 | -15 | T5 | BLK/GRN |
| -14 | -FW-16 | A6 | BRN/BLK |
| -39 | -EW-16 | A5 | BLK/BRN |
| -15 | -EW-17 | L5 | SLATE/BLK |
| -40 | -JW-26 | LG5 | BLK/SLATE |
| -16 | -FW-14 | R6 | BLU/YEL |
| -41 | -15 | T6 | YEL/BLU |

Table 7-6. Console Telephone Cable W5, 7052-1739 (Cont.)

| From | To | Function | Notes |
|-----------------|------------------------|-------------|------------------------|
| 1A3J2-17 -42 | 3A5TB1-LW-17 -KW-26 | L10 LG10 | ORN/YEL YEL/ORN |
| -18 -43 | -FW-17 -JW-26 | L6 LG6 | GRN/YEL YEL/GRN |
| -19 -44 | -HW-14 -15 | R7 T7 | BRN/YEL YEL/BRN |
| -20 -45 | -LW-14 -15 | R10 T10 | SLATE/YEL YEL/SLATE |
| -21 -46 | -HW-17 -JW-26 | L7 LG7 | BLU/VIO VIO/BLU |
| -22 -47 | -JW-14 -15 | R8 T8 | ORN/VIO VIO/ORN |
| -23 -48 | -KW-17 -KW-26 | L9 LG9 | GRN/VIO VIO/GRN |
| -24 -49 | -JW-17 -JW-26 | L8 LG8 | BRN/VIO VIO/BRN |
| -25 -50 | -KW-14 -15 | R9 T9 | SLATE/VIO VIO/SLATE |

Table 7-7. Console Telephone Cable W6, 7052-1740

| From | To | Function | Notes |
|----------------|----------------------|--|------------------------|
| 1A3J3-1 -26 | 3A5J15-2 3A5J15-9 | R CONVERTER-1 A-OP T DROP RADIO PATCH 11-12 A1 LOC.GND.1. (TB2-B) | BLU/WHT WHT/BLU |
| -2 -27 | 3A5TB1-MW-13 | | ORN/WHT WHT/ORN |
| -3 -28 | | | GRN/WHT WHT/GRN |
| -4 -29 | | | BRN/WHT WHT/BRN |
| -5 -30 | -MW-18 | B11 RADIO-PATCH-11 | SLATE/WHT WHT/SLATE |
| -6 -31 | -MW-25 -MW-26 | L11 LG11 | BLU/RED RED/BLU |
| -7 -32 | | | ORN/RED RED/ORN |
| -8 -33 | -NW-18 | B12 RADIO-PATCH-12 | GRN/RED RED/GRN |
| -9 -34 | -NW-25 -NW-26 | L12 LG12 | BRN/RED RED/BRN |
| -10 -35 | | | SLATE/RED RED/SLATE |
| -11 -36 | | | BLU/BLK BLK/BLU |
| -12 -37 | | | ORN/BLK BLK/ORN |
| -13 -38 | | | GRN/BLK BLK/GRN |
| -14 -39 | | | BRN/BLK BLK/BRN |
| -15 -40 | | | SLATE/BLK BLK/SLATE |
| -16 -41 | | * TIE BACK UNUSED PAIRS | BLU/YEL YEL/BLU |

Table 7-7. Console Telephone Cable W6, 7052-1740 (Cont.)

| From | To | Function | Notes |
|----------|--------------|----------------------|-----------|
| 1A3J3-17 | 3A5TB1-NW-10 | FW (TB2-25) | ORN/YEL |
| -42 | -KW-10 | PTT (TB2-27) | YEL/ORN |
| -18 | | | GRN/YEL |
| -43 | | | YEL/GRN |
| -19 | | | BRN/YEL |
| -44 | | | YEL/BRN |
| -20 | -HW-13 | SONALERT R1/RC (SP6) | SLATE/YEL |
| -45 | -DW-13 | " -R6 RTN | YEL/SLATE |
| -21 | | | BLU/VIO |
| -46 | | | VIO/BLU |
| -22 | | | ORN/VIO |
| -47 | | | VIO/ORN |
| -23 | | | GRN/VIO |
| -48 | | | VIO/GRN |
| -24 | | | BRN/VIO |
| -49 | | | VIO/BRN |
| -25 | | | SLATE/VIO |
| -50 | | | VIO/SLATE |

Table 7-8. Console Telephone Cable W7, 7052-1741

| From | To | Function | Notes |
|-------------------------|------------------|-----------------------|------------------------|
| 1A3J4-1 -26 | 3A5TB1-* | RADIO PATCH 1-10 A-OP | BLU/WHT WHT/BLU |
| -2 -27 | -LW-18 -AW-18 | B10 B1 | ORN/WHT WHT/ORN |
| -3 -28 | -AW-25 -LW-26 | L1 LG1 | GRN/WHT WHT/GRN |
| -4 -29 | | | BRN/WHT WHT/BRN |
| -5 -30 | -KW-18 -BW-18 | B9 B2 | SLATE/WHT WHT/SLATE |
| -6 -31 | -BW-25 -LW-26 | L2 LG2 | BLU/RED RED/BLU |
| -7 -32 | | | ORN/RED RED/ORN |
| -8 -33 | -JW-18 -cw-18 | B8 B3 | GRN/RED RED/GRN |
| -9 -34 | -CW-25 -LW-26 | L3 LG3 | BRN/RED RED/BRN |
| -10 -35 | | | SLATE/RED RED/SLATE |
| -11 -36 | -HW-18 -DW-18 | B7 B4 | BLU/BLK BLK/BLU |
| -12 -37 | -DW-25 -LW-26 | L4 LG4 | ORN/BLK BLK/ORN |
| -13 -38 | | | GRN/BLK BLK/GRN |
| -14 -39 | -FW-18 -EW-18 | B6 B5 | BRN/BLK BLK/BRN |
| -15 -40 | -EW-25 -MW-26 | L5 LG5 | SLATE/BLK BLK/SLATE |
| -16 -41 | | | BLU/YEL YEL/BLU |
| * TIE BACK UNUSED PAIRS | | | |

Table 7-8. Console Telephone Cable W7, 7052-1741 (Cont.)

| From | To | Function | Notes |
|-----------------|------------------------|-------------|------------------------|
| 1A3J4-17 -42 | 3A5TB1-LW-25 -NW-26 | L10 LG10 | ORN/YEL YEL/ORN |
| -18 -43 | -FW-25 -MW-26 | L6 LG6 | GRN/YEL YEL/GRN |
| -19 -44 | | | BRN/YEL YEL/BRN |
| -20 -45 | | | SLATE/YEL YEL/SLATE |
| -21 -46 | -HW-25 -MW-26 | L7 LG7 | BLU/VIO VIO/BLU |
| -22 -47 | | | ORN/VIO VIO/ORN |
| -23 -48 | -KW-25 -NW-26 | L9 LG9 | GRN/VIO VIO/GRN |
| -24 -49 | -JW-25 -MW-26 | L8 LG8 | BRN/VIO VIO/BRN |
| -25 -50 | | | SLATE/VIO VIO/SLATE |

Table 7-9. Console Telephone Cable W8, 7052-1742

| From | To | Function | | Notes |
|----------------|-----------------------|---------------------|--------------------------|------------------------|
| 4A3J1-1 -26 | 3A5J15-6 3A5J15-13 | R T | CONVERTER-2 B-OP LINE | BLU/WHT WHT/BLU |
| -2 -27 | 3A5TB1-FW-13 | A1 | SIG-BAT-RTN-2 | ORN/WHT WHT/ORN |
| -3 -28 | | | | GRN/WHT WHT/GRN |
| -4 -29 | -MW-14 -MW-15 | R11 T11 | TEL-LINE-11 | BRN/WHT WHT/BRN |
| -5 -30 | -MW-16 | A11 | | SLATE/WHT WHT/SLATE |
| -6 -31 | -MW-17 -CW-26 | L11 LG11 | | BLU/RED RED/BLU |
| -7 -32 | -NW-14 -NW-15 | R12 T12 | TEL-LINE-12 | ORN/RED RED/ORN |
| -8 -33 | -NW-16 | A12 | | GRN/RED RED/GRN |
| -9 -34 | -NW-17 -CW-26 | L12 LG12 | | BRN/RED RED/BRN |
| -10 -35 | | | | SLATE/RED RED/SLATE |
| -11 -36 | * | A-ICOM | | BLU/BLK BLK/BLU |
| -12 -37 | | | | ORN/BLK BLK/ORN |
| -13 -38 | | | | GRN/BLK BLK/GRN |
| -14 -39 | -LW-11 | A-BRG | | BRN/BLK BLK/BRN |
| -15 -40 | | | | SLATE/BLK BLK/SLATE |
| -16 -41 | -FW-11 -EW-11 | R T *TIE BACK | BRIDGE LINE B-OP | BLU/YEL YEL/BLU |

Table 7-9. Console Telephone Cable W8, 7052-1742 (Cont.)

| From | To | Function | Notes |
|----------|--------------|--------------|-----------|
| 4A3J1-17 | 3A5TB1-JW-11 | RR (TB1-25) | ORN/YEL |
| -42 | -HW-11 | RT (TB1-27) | YEL/ORN |
| -18 | -MW-11 | L -BRG | GRN/YEL |
| -43 | -AS-26 | LG-BRG | YEL/GRN |
| -19 | -CW-12 | R-ICOM | BRN/YEL |
| -44 | -EW-12 | T | YEL/BRN |
| -20 | -FW-12 | RINGER RC2 | SLATE/YEL |
| -45 | -DW-13 | RINGER - RTN | YEL/SLATE |
| -21 | -HW-12 | L -ICOM | BLU/VIO |
| -46 | -BS-26 | LG-ICOM | VIO/BLU |
| -22 | ORN/VIO | | |
| -47 | VIO/ORN | | |
| -23 | * | | GRN/VIO |
| -48 | * | | VIO/GRN |
| -24 | * | | BRN/VIO |
| -49 | * | | VIO/BRN |
| -25 | | | SLATE/VIO |
| -50 | | | VIO/SLATE |
| | | * TIEBACK | |

Table 7-10. Console Telephone Cable W9, 7052-1743

| From | To | Function | | Notes |
|----------------|---------------------|-----------|--------------------|------------------------|
| 4A3J2-1 -26 | 3A5TB1-AW-14 -15 | R1 T1 | TEL LINE 1-10 B-OP | BLU/WHT WHT/BLU |
| -2 -27 | -LW-16 -AW-16 | A10 A1 | | ORN/WHT WHT/ORN |
| -3 -28 | -AW-17 -AW-26 | L1 LG1 | | GRN/WHT WHT/GRN |
| -4 -29 | -BW-14 -15 | R2 T2 | | BRN/WHT WHT/BRN |
| -5 -30 | -KW-16 -BW-16 | A9 A2 | | SLATE/WHT WHT/SLATE |
| -6 -31 | -BW-17 -AW-26 | L2 LG2 | | BLU/RED RED/BLU |
| -7 -32 | -CW-14 -15 | R.3 T3 | | ORN/RED RED/ORN |
| -8 -33 | -JW-16 -CW-16 | A8 A3 | | GRN/RED RED/GRN |
| -9 -34 | -CW-17 -AW-26 | L3 LG3 | | BRN/RED RED/BRN |
| -10 -35 | -DW-14 -15 | R4 T4 | | SLATE/RED RED/SLATE |
| -11 -36 | -HW-16 -DW-16 | A7 A4 | | BLU/BLK BLK/BLU |
| -12 -37 | -DW-17 -AW-26 | L4 LG4 | | ORN/BLK BLK/ORN |
| -13 -38 | -EW-14 -15 | R5 T5 | | GRN/BLK BLK/GRN |
| -14 -39 | -FW-16 -EW-16 | A6 A5 | | BRN/BLK BLK/BRN |
| -15 -40 | -EW-17 -BW-26 | L5 LG5 | | SLATE/BLK BLK/SLATE |
| -16 -41 | -FW-14 -15 | R6 T6 | BOP | BLU/YEL YEL/BLU |

Table 7-10. Console Telephone Cable W9, 7052-1743 (Cont.)

| From | To | Function | Notes |
|-----------------|------------------------|-------------|------------------------|
| 4A3J2-17 -42 | 3A5TB1-LW-17 -CW-26 | L10 LG10 | ORN/YEL YEL/ORN |
| -18 -43 | -FW-17 -BW-26 | L6 LG6 | GRN/YEL YEL/GRN |
| -19 -44 | -HW-14 -15 | R7 T7 | BRN/YEL YEL/BRN |
| -20 -45 | -LW-14 -15 | R10 T10 | SLATE/YEL YEL/SLATE |
| -21 -46 | -HW-17 -BW-26 | L7 LG7 | BLU/VIO VIO/BLU |
| -22 -47 | -JW-14 -15 | R8 T8 | ORN/VIO VIO/ORN |
| -23 -48 | -KW-17 -CW-26 | L9 LG9 | GRN/VIO VIO/GRN |
| -24 -49 | -JW-17 -BW-26 | L8 LG8 | BRN/VIO VIO/BRN |
| -25 -50 | -KW-14 -15 | R9 T9 | SLATE/VIO VIO/SLATE |

Table 7-11. Console Telephone Cable W10, 7052-1744

| From | To | Function | Notes |
|----------------|-----------------------|-------------------------------|------------------------|
| 4A3J3-1 -26 | 3A5J15-5 3A5J25-12 | R CONVERTERS-2 B-OP T DROP | BLU/WHT WHT/BLU |
| -2 -27 | 3A5TB1-NW-13 | A1 LOC GND 2 (TB2-B) | ORN/WHT WHT/ORN |
| -3 -28 | | | GRN/WHT WHT/GRN |
| -4 -29 | | | BRN/WHT WHT/BRN |
| -5 -30 | -MW-19 | B11 RADIO PATCH 11 | SLATE/WHT WHT/SLATE |
| -6 -31 | -MW-25 -MW-26 | L11 LG11 | BLU/RED RED/BLU |
| -7 -32 | | | ORN/RED RED/ORN |
| -8 -33 | -NW-19 | B12 RADIO PATCH 12 | GRN/RED RED/GRN |
| -9 -34 | -NW-25 -FW-26 | L12 LG12 | BRN/RED RED/BRN |
| -10 -35 | | | SLATE/RED RED/SLATE |
| -11 -36 | | | BLU/BLK BLK/BLU |
| -12 -37 | | | ORN/BLK BLK/ORN |
| -13 -38 | | | GRN/BLK BLK/GRN |
| -14 -39 | | | BRN/BLK BLK/BRN |
| -15 -40 | | | SLATE/BLK BLK/SLATE |
| -16 -41 | | | BLU/YEL YEL/BLU |

Table 7-11. Console Telephone Cable W01, 7052-1744 (Cont.)

| From | To | Function | | Notes |
|----------|--------------|----------|----------|-----------|
| 4A3J3-17 | 3A5TB1-NW-11 | FW | (TB2-25) | ORN/YEL |
| -42 | -KW-11 | PTT | (TB2-27) | YEL/ORN |
| -18 | | | | GRN/YEL |
| -43 | | | | YEL/GRN |
| -19 | | | | BRN/YEL |
| -44 | | | | YEL/BRN |
| -20 | -HW-13 | SONALERT | R1/C1 | SLATE/YEL |
| -45 | -DW-13 | SONALERT | --RG RTN | YEL/SLATE |
| -21 | | | | BLU/VIO |
| -46 | | | | VIO/BLU |
| -22 | | | | ORN/VIO |
| -47 | | | | VIO/ORN |
| -23 | | | | GRN/VIO |
| -48 | | | | VIO/GRN |
| -24 | | | | BRN/VIO |
| -49 | | | | VIO/BRN |
| -25 | | | | SLATE/VIO |
| -50 | | | | VIO/SLATE |

Table 7-12. Console Telephone Cable W11, 7052-1745

| From | To | Function | Notes |
|-------------------------|------------------|-----------------------|------------------------|
| 4A3J4-1 -26 | 3A5TB1- * | RADIO PATCH 1-10 B-OP | BLU/WHT WHT/BLU |
| -2 -27 | -LW-19 -AW-19 | B10 B1 | ORN/WHT WHT/ORN |
| -3 -28 | -AW-25 -DW-26 | L1 LG1 | GRN/WHT WHT/GRN |
| -4 -29 | | | BRN/WHT WHT/BRN |
| -5 -30 | -KW-19 -BW-19 | B9 B2 | SLATE/WHT WHT/SLATE |
| -6 -31 | -BW-25 -Dw-26 | L2 LG2 | BLU/RED RED/BLU |
| -7 -32 | | | ORN/RED RED/ORN |
| -8 -33 | -JW-19 -CW-19 | B8 B3 | GRN/RED RED/GRN |
| -9 -34 | -CW-25 -DW-26 | L3 LG3 | BRN/RED RED/BRN |
| -10 -35 | | | SLATE/RED RED/SLATE |
| -11 -36 | -HW-19 -DW-19 | B7 B4 | BLU/BLK BLK/BLU |
| -12 -37 | -DW-25 -DW-26 | L4 LG4 | ORN/BLK BLK/ORN |
| -13 -38 | | | GRN/BLK BLK/GRN |
| -14 -39 | -FW-19 -EW-19 | B6 B5 | BRN/BLK BLK/BRN |
| -15 -40 | -EW-25 -EW-26 | L5 LG5 | SLATE/BLK BLK/SLATE |
| -16 -41 | | | BLU/YEL YEL/BLU |
| * TIE BACK UNUSED PAIRS | | | |

Table 7-12. Console Telephone Cable W11, 7052-1745 (Cont.)

| From | To | Function | Notes |
|----------|--------------|----------|-----------|
| 4A3J4-17 | 3A5TB1-LW-25 | L10 | ORN/YEL |
| -42 | -FW-26 | LG10 | YEL/ORN |
| -18 | -FW-25 | LG | GRN/YEL |
| -43 | -EW-26 | LG6 | YEL/GRN |
| -19 | | | BRN/YEL |
| -44 | | | YEL/BRN |
| -20 | | | SLATE/YEL |
| -45 | | | YEL/SLATE |
| -21 | -HW-25 | L7 | BLU/VIO |
| -46 | -EW-26 | LG7 | VIO/BLU |
| -22 | | | ORN/VIO |
| -47 | | | VIO/ORN |
| -23 | -KW-25 | L9 | GRN/VIO |
| -48 | -FW-26 | LG9 | VIO/GRN |
| -24 | -JW-25 | L8 | BRN/VIO |
| -49 | -EW-26 | LG8 | VIO/BRN |
| -25 | | | SLATE/VIO |
| -50 | | | VIO/SLATE |

Table 7-13. Console Telephone Cable W13, 7052-1746

| From | To | Function | | Notes |
|--------------|------------|----------|-----|-----------|
| 3A5TB1-AW-20 | 3A5A2-J1-8 | R1 | L-1 | BLU/WHT |
| -21 | -7 | T1 | | WHT/BLU |
| -22 | -10 | R | | ORN/WHT |
| -23 | -13 | T | | WHT/ORN |
| -BW-20 | -26 | R1 | L-2 | GRN/WHT |
| -21 | -25 | T1 | | WHT/GRN |
| -22 | -28 | R | | BRN/WHT |
| -23 | -31 | T | | WHT/BRN |
| -CW-20 | -46 | R1 | L-3 | SLATE/WHT |
| -21 | -49 | T1 | | WHT/SLATE |
| -22 | -48 | R | | BLU/RED |
| -23 | -50 | T | | RED/BLU |
| -DW-20 | -J2-8 | R1 | L-4 | ORN/RED |
| -21 | -7 | T1 | | RED/ORN |
| -22 | -10 | R | | GRN/RED |
| -23 | -13 | T | | RED/GRN |
| -EW-20 | -26 | R1 | L-5 | BRN/RED |
| -21 | -25 | T1 | | RED/BRN |
| -22 | -28 | R | | SLATE/RED |
| -23 | -31 | T | | RED/SLATE |
| -FW-20 | -46 | R1 | L-6 | BLU/BLK |
| -21 | -49 | T1 | | BLK/BLU |
| -22 | -48 | R | | ORN/BLK |
| -23 | -50 | T | | BLK/ORN |
| -HW-20 | 3A5A2-J3-8 | R1 | L-7 | GRN/BLK |
| -21 | -7 | T1 | | BLK/GRN |
| -22 | -10 | R | | BRN/BLK |
| -12 | -13 | T | | BLK/BRN |
| -JW-20 | -26 | R1 | L-8 | SLATE/BLK |
| -21 | -25 | T1 | | BLK/SLATE |
| -22 | -28 | R | | BLU/WHT |
| -23 | -31 | T | | WHT/BLU |

Table 7-13. Console Telephone Cable W13, 7052-1746 (Cont.)

| From | To | Function | | Notes |
|--------------|-------------|----------|------|-----------|
| 3A5TB1-KW-20 | 3A5A2-J3-46 | R1 | L-9 | ORN/YEL |
| -21 | -49 | T1 | | YEL/ORN |
| -22 | -48 | R | | GRN/YEL |
| -23 | -50 | T | | YEL/GRN |
| -LW-20 | -J4-8 | R1 | L-10 | BRN/YEL |
| -21 | -7 | T1 | | YEL/BRN |
| -22 | -10 | R | | SLATE/YEL |
| -23 | -13 | T | | YEL/SLATE |
| -MW-20 | -26 | R1 | L-11 | BLU/VIO |
| -21 | -25 | T1 | | VIO/BLU |
| -22 | -28 | R | | ORN/VIO |
| -23 | -31 | T | | VIO/ORN |
| -NW-20 | -46 | R1 | L-12 | GRN/VIO |
| -21 | -49 | T1 | | VIO/GRN |
| -22 | -48 | R | | BRN/VIO |
| -23 | -50 | T | | VIO/BRN |
| -AW-11 | * | SP-2 | | SLATE/VIO |
| -BW-11 | * | SP-1 | | VIO/SLATE |

Table 7-14. Console Telephone Cable W14, 7052-1747

| From | To | Function | | | Notes |
|-------------------|--------------------|----------|------|-----|------------------------|
| 3A5TB1-AW-2 -5 | 3A5A1-J1-6 -4 | R1 T1 | A-OP | L-1 | BLU/WHT WHT/BLU |
| BW-2 -5 | -24 -22 | R1 T1 | | L-2 | ORN/WHT WHT/ORN |
| CW-2 -5 | -40 -56 | R1 T1 | | L-3 | GRN/WHT WHT/GRN |
| DW-2 -5 | 3A5A2-J2-6 -4 | R1 T1 | | L-4 | BRN/WHT WHT/BRN |
| EW-2 -5 | -24 -22 | R1 T1 | | L-5 | SLATE/WHT WHT/SLATE |
| FW-2 -5 | -40 -56 | R1 T1 | | L-6 | BLU/RED RED/BLU |
| HW-2 -5 | 3A5A2-J1-6 -4 | R1 T1 | B-OP | L-1 | ORN/RED RED/ORN |
| JW-2 -5 | -24 -22 | R1 T1 | | L-2 | GRN/RED RED/GRN |
| KW-2 -5 | -40 -56 | R1 T1 | | L-3 | BRN/RED RED/BRN |
| LW-2 -5 | 3A5A1-J2-6 -4 | R1 T1 | | L-4 | SLATE/RED RED/SLATE |
| MW-2 -5 | -24 -22 | R1 T1 | | L-5 | BLU/BLK BLK/BLU |
| NW-2 -5 | -40 -56 | R1 T1 | | L-6 | ORN/BLK BLK/ORN |
| AW-8 BW-8 | 3A5A1-J1-18 -36 | K1 K2 | A-OP | | GRN/BLK BLK/GRN |
| CW-8 DW-8 | -44 3A5A1-J2-18 | K3 K4 | | | BRN/BLK BLK/BRN |
| EW-8 FW-8 | -36 -44 | K5 K6 | | | SLATE/BLK BLK/SLATE |
| HW-8 JW-8 | 3A5A2-J1-18 -36 | K1 K2 | B-OP | | BLU/YEL YEL/BLU |

Table 7-14. Console Telephone Cable W14, 7052-1747 (Cont.)

| From | To | Function | Notes |
|-------------|-------------|----------|-----------|
| 3A5TB1-KW-8 | 3A5A2-J1-44 | K3 | ORN/YEL |
| -LW-8 | 3A5A2-J2-18 | K4 | YEL/ORN |
| -MW-8 | -36 | K5 | GRN/YEL |
| -NW-8 | -44 | K6 | YEL/GRN |
| -AW-24 | 3A5A2-J1-16 | BR-1 | BRN/YEL |
| -BW-24 | -34 | BR-2 | YEL/BRN |
| -CW-24 | -42 | BR-3 | SLATE/YEL |
| -DW-24 | 3A5A2-J2-16 | BR-4 | YEL/SLATE |
| -EW-24 | -34 | BR-5 | BLU/VIO |
| -FW-24 | -42 | BR-6 | VIO/BLU |
| -HW-24 | 3A5A2-J3-16 | BR-7 | ORN/VIO |
| -JW-24 | -34 | BR-8 | VIO/ORN |
| -KW-24 | -42 | BR-9 | GRN/VIO |
| -LW-24 | 3A5A2-J4-16 | BR-10 | VIO/GRN |
| -MW-24 | -34 | BR-11 | BRN/VIO |
| -NW-24 | -42 | BR-12 | VIO/BRN |
| 25 | | | SLATE/VIO |
| 50 | | | VIO/SLATE |

Table 7-15. Console Telephone Cable W15, 7052-1748

| From | To | Function | | Notes |
|-------------------|---------------------|--------------|------|------------------------|
| 3A5TB1-AW-1 -4 | 3A5A1-J5-47 -41 | R1-2W T1 | A-OP | BLU/WHT WHT/BLU |
| -AW-2 -6 | J7-49 -55 | R1-4W T1 | | ORN/WHT WHT/ORN |
| -7 -9 | J8-1 -35 | K-2W K-4W | | GRN/WHT WHT/GRN |
| -HW-1 -4 | 3A5A2-J5-47 -41 | R1 2W T1 | B-OP | BRN/WHT WHT/BRN |
| -3 -6 | J7-49 -55 | R1 4W T1 | | SLATE/WHT WHT/SLATE |
| -7 -9 | J8-1 -35 | K-2W K-4W | | BLU/RED RED/BLU |
| -EW-10 -FW-10 | 3A5A1-J11-5 -3 | T R | A-OP | ORN/RED RED/ORN |
| -HW-10 -JW-10 | -51 -49 | RT RR | | GRN/RED RED/GRN |
| -KW-10 -LW-10 | -26 -19 | PTT PTG A | | BRN/RED RED/BRN |
| -MW-10 -NW-10 | -23 -43 | L FW | | SLATE/RED RED/SLATE |
| -EW-11 -FW-11 | 3A5A2-J11-5 -3 | T R | B-OP | BLU/BLK BLK/BLU |
| -HW-11 -JW-11 | -51 -49 | RT RR | | ORN/BLK BLK/ORN |
| -KW-11 -LW-11 | -26 -19 | PTT PTG A | | GRN/BLK BLK/GRN |
| -MW-11 -NW-11 | -23 -32 | L FW | | BRN/BLK BLK/BRN |
| -CW-10 -DW-10 | 3A51-J11-20 -24 | PTT PTT | A-OP | SLATE/BLK BLK/SLATE |
| -CW-11 -DW-11 | 3A5A2-J11-20 -24 | PTT PTT | B-OP | BLU/YEL YEL/BLU |

Table 7-15. Console Telephone Cable W15, 7052-1748 (Cont.)

| From | To | Function | | Notes |
|--------------|------------|-----------|------|-----------|
| 3A5TB1-AW-18 | 3A5A1-J1-1 | B1 | A-OP | ORN/YEL |
| -BW-18 | -35 | | | YEL/ORN |
| -CW-18 | -39 | | | GRN/YEL |
| -DW-18 | -J2-1 | | | YEL/GRN |
| -EW-18 | -35 | | | BRN/YEL |
| -FW-18 | -39 | | | YEL/BRN |
| -HW-18 | -J3-1 | | | SLATE/YEL |
| -JW-18 | -35 | | | YEL/SLATE |
| -KW-18 | -39 | | | BLU/VIO |
| -LW-18 | -J4-1 | | | VIO/BLU |
| -MW-18 | -35 | B12 | | ORN/VIO |
| -NW-18 | -39 | | | VIO/ORN |
| * | | | | GRN/VIO |
| * | | | | VIO/GRN |
| * | | | | BRN/VIO |
| * | | | | VIO/BRN |
| * | | | | SLATE/VIO |
| * | | | | VIO/SLATE |
| | | *Tie Back | | |

Table 7-16. Console Telephone Cable W16, 7052-1749

| From | To | Function | | Notes |
|--------------|------------|------------|------|-----------|
| 3A5TB1-AW-19 | 3A5A2-J1-1 | B1 | B-OP | BLU/WHT |
| -BW-19 | -35 | | | WHT/BLU |
| -CW-19 | -39 | | | ORN/WHT |
| -DW-19 | -J2-1 | | | WHT/ORN |
| -EW-19 | -35 | | | GRN/WHT |
| -FW-19 | -39 | | | WHT/GRN |
| -HW-19 | -J3-1 | | | BRN/WHT |
| -JW-19 | -35 | | | WHT/BRN |
| -KW-19 | -39 | | | SLATE/WHT |
| -LW-19 | -J4-1 | | | WHT/SLATE |
| -MW-19 | -35 | B12 | | BLU/RED |
| -NW-19 | -39 | | | RED/BLU |
| *-7 | | | | ORN/RED |
| *-32 | | | | RED/ORN |
| *-8 | | | | GRN/RED |
| *-33 | | | | RED/GRN |
| *-9 | | | | BRN/RED |
| *-34 | | | | RED/BRN |
| *-10 | | | | SLATE/RED |
| *-35 | | | | RED/SLATE |
| *-1 | | | | BLU/BLK |
| *-36 | | | | BLK/BLU |
| *-12 | * | | | ORN/BLK |
| *-37 | | | | BLK/ORN |
| *-13 | | | | GRN/BLK |
| *-38 | | | | BLK/GRN |
| *-14 | * | | | BRN/BLK |
| *-39 | | | | BLK/BRN |
| *-15 | | | | SLATE/BLK |
| *-40 | | | | BLK/SLATE |
| | | | | BLU/YEL |
| | | | | YEL/BLU |
| | | * TIE BACK | | |

Table 7-17. Console Telephone Cable W17, 7052-1750

| From | To | Function | | Notes | | |
|-------------|-------------|----------|-------|---------|-------|---------|
| 3A5A1-J1-2 | 3A5A1-J1-20 | R | L1-12 | BRN #24 | | |
| -20 | -54 | | | BRN #24 | | |
| -54 | -J2-2 | | | BRN #24 | | |
| -J2-2 | -20 | | | BRN #24 | | |
| -20 | -54 | | | BRN #24 | | |
| -54 | -J3-2 | | | BRN #24 | | |
| -J3-2 | -20 | | | BRN #24 | | |
| -20 | -54 | | | BRN #24 | | |
| -54 | -J4-2 | | | BRN #24 | | |
| -J4-2 | -20 | | | BRN #24 | | |
| -20 | -54 | | | BRN #24 | | |
| -54 | -J7-15 | | | BRN #24 | | |
| 3A5A1-J1-19 | 3A5A1-J1-38 | | | T | L1-12 | BRN #24 |
| -38 | -52 | | | | | BRN #24 |
| -52 | -J2-19 | BRN #24 | | | | |
| -J2-19 | -38 | BRN #24 | | | | |
| -38 | -52 | BRN #24 | | | | |
| -52 | -J3-19 | BRN #24 | | | | |
| -J3-19 | -38 | BRN #24 | | | | |
| -38 | -52 | BRN #24 | | | | |
| -52 | -J4-19 | BRN #24 | | | | |
| -J4-19 | -38 | BRN #24 | | | | |
| -38 | -52 | BRN #24 | | | | |
| -52 | -J7-5 | BRN #24 | | | | |
| 3A5A1-J1-6 | 3A5A1-J3-24 | R1 | L7-12 | BRN #24 | | |
| -24 | -40 | | | BRN #24 | | |
| -40 | -J4-6 | | | BRN #24 | | |
| -J4-6 | -24 | | | BRN #24 | | |
| -24 | -40 | | | BRN #24 | | |
| -40 | -J7-49 | | | BRN #24 | | |
| 3A5A1-J3-4 | 3A5A1-J3-22 | T1 | L7-12 | BRN #24 | | |
| -22 | -56 | | | BRN #24 | | |
| -56 | -J4-4 | | | BRN #24 | | |
| -J4-4 | -22 | | | BRN #24 | | |
| -22 | -56 | | | BRN #24 | | |
| -56 | -J7-55 | BRN #24 | | | | |
| 3A5A1-J3-18 | 3A5A1-J3-36 | K | L7-12 | BRN #24 | | |
| -36 | -44 | | | BRN #24 | | |
| -44 | -J4-18 | | | BRN #24 | | |
| -J4-18 | -36 | | | BRN #24 | | |
| -36 | -44 | | | BRN #24 | | |
| -44 | -J8-35 | | | BRN #24 | | |

Table 7-17. Console Telephone Cable W17, 7052-1750 (Cont.)

| From | To | Function | Notes |
|-------------|-------------|-------------------------------|----------------|
| 3A5A1-J5-55 | 3A5A1-J6-55 | T | BRN #24 |
| -49 | -49 | R | BRN #24 |
| -5 | -5 | T | BRN #24 |
| -15 | -15 | R | BRN #24 |
| -J6-41 | -J8-7 | T | RY A DROP |
| -47 | -8 | R | BRN #24 |
| -7 | -13 | T | BRN #24 |
| -13 | -10 | R | BRN #24 |
| -J7-41 | -J8-25 | T | RY A DROP |
| -47 | -26 | R | BRN #24 |
| -7 | -31 | T | BRN #24 |
| -13 | -28 | R | BRN #24 |
| -J8-4 | -J8-22 | T | RY A TO B LINE |
| -6 | -24 | R | BRN #24 |
| -19 | -38 | T | BRN #24 |
| -2 | -20 | R | BRN #24 |
| -J9-41 | -J8-49 | T | RY C DROP |
| -47 | -46 | R | BRN #24 |
| -7 | --50 | T | BRN #24 |
| -13 | -48 | R | BRN #24 |
| -J9-55 | -J10-51 | T | BRN #24 |
| -49 | -49 | R | BRN #24 |
| -5 | -7 | T | BRN #24 |
| -15 | -5 | R | BRN #24 |
| -J10-53 | -J11-13 | T | BRN #24 |
| -55 | -15 | R | BRN #24 |
| -3 | -33 | T | BRN #24 |
| -1 | -39 | R | BRN #24 |
| -J1-14 | -J1-32 | GND-COMMON BAY D.C. GND. RET. | |
| -32 | -43 | | BLK #20 |
| -43 | -J2-14 | | BLK #20 |
| -J2-14 | -32 | | BLK #20 |
| -32 | -43 | | BLK #20 |
| -43 | -J3-14 | | BLK #20 |
| -J3-14 | -32 | | BLK #20 |
| -32 | -43 | | BLK #20 |
| -43 | -J4-14 | | BLK #20 |
| -J4-14 | -32 | | BLK #20 |
| -32 | -43 | | BLK #20 |

Table 7-17. Console Telephone Cable W17, 7052-1750 (Cont.)

| From | To | Function | Notes |
|--------------|-------------|---------------|----------------|
| 3A5A1-J1-17 | 3A5A1-J1-37 | -24 V - 1 RYS | WHT #20 |
| -37 | -55 | | WHT #20 |
| -55 | -J2-17 | | WHT #20 |
| -J2-17 | -37 | | WHT #20 |
| -37 | -55 | | WHT #20 |
| -55 | -J3-17 | | WHT #20 |
| -J3-17 | -37 | | WHT #20 |
| -37 | -55 | | WHT #20 |
| -55 | -J4-17 | | WHT #20 |
| -J4-17 | -37 | | WHT #20 |
| -37 | -55 | | WHT #20 |
| -55 | -J8-17 | | WHT #20 |
| -J8-17 | -37 | | WHT #20 |
| -37 | -55 | | WHT #20 |
| -55 | -J11-45 | | WHT #20 |
| -J11-45 | -27 | | WHT #20 |
| -J6-35 | -J7-35 | | -24 V - 2 AMPS |
| -J7-35 | -J9-35 | WHT #20 | |
| -J9-35 | J10-47 | WHT #20 | |
| 3A5A1-J1-12 | 3A5A1-J1-30 | GND - LOCAL 1 | BLK #20 |
| -30 | -41 | | BLK #20 |
| -41 | -J2-12 | | BLK #20 |
| -J2-12 | -30 | | BLK #20 |
| -30 | -41 | | BLK #20 |
| -41 | -J3-12 | | BLK #20 |
| -J3-12 | -30 | | BLK #20 |
| -30 | -41 | | BLK #20 |
| -41 | -J4-12 | | BLK #20 |
| -J4-12 | -30 | | BLK #20 |
| -30 | -41 | | BLK #20 |
| -41 | -J5-17 | | BLK #20 |
| -J5-17 | -J6-17 | | BLK #20 |
| -J6-17 | -J7-17 | | BLK #20 |
| -J7-17 | -J8-12 | | BLK #20 |
| -J8-12 | -30 | | BLK #20 |
| -30 | -41 | | BLK #20 |
| -J8-41 | -J9-17 | BLK #20 | |
| -J9-17 | -J10-43 | BLK #20 | |
| -J10-43 | -J11-7 | BLK #20 | |
| 3A5A1-J11-19 | 3A5A1-J8-39 | RY C COIL | BRN #24 |

Table 7-18. Console Telephone Cable W18, 7052-1750

| From | To | Function | | Notes | | |
|-------------|-------------|----------|-------|---------|-------|---------|
| 3A5A2-J1-2 | 3A5A2-J1-20 | R | L1-12 | BRN #24 | | |
| -20 | -54 | | | BRN #24 | | |
| -54 | -J2-2 | | | BRN #24 | | |
| -J2-2 | -20 | | | BRN #24 | | |
| -20 | -54 | | | BRN #24 | | |
| -54 | -J3-2 | | | BRN #24 | | |
| -J3-2 | -20 | | | BRN #24 | | |
| -20 | -54 | | | BRN #24 | | |
| -54 | -J4-2 | | | BRN #24 | | |
| -J4-2 | -20 | | | BRN #24 | | |
| -20 | -54 | | | BRN #24 | | |
| -54 | -J7-15 | | | BRN #24 | | |
| 3A5A2-J1-19 | 3A5A2-J1-38 | | | T | L1-12 | BRN #24 |
| -38 | -52 | | | | | BRN #24 |
| -52 | -J2-19 | BRN #24 | | | | |
| -J2-19 | -38 | BRN #24 | | | | |
| -38 | -52 | BRN #24 | | | | |
| -52 | -J3-19 | BRN #24 | | | | |
| -J3-19 | -38 | BRN #24 | | | | |
| -38 | -52 | BRN #24 | | | | |
| -52 | -J4-19 | BRN #24 | | | | |
| -J4-19 | -38 | BRN #24 | | | | |
| -38 | -52 | BRN #24 | | | | |
| -52 | -J7-5 | BRN #24 | | | | |
| 3A5A2-J1-6 | 3A5A2-J3-24 | R1 | L7-12 | BRN #24 | | |
| -24 | -40 | | | BRN #24 | | |
| -40 | -J4-6 | | | BRN #24 | | |
| -J4-6 | -24 | | | BRN #24 | | |
| -24 | -40 | | | BRN #24 | | |
| -40 | -J7-49 | | | BRN #24 | | |
| 3A5A2-J3-4 | 3A5A2-J3-22 | T1 | L7-12 | BRN #24 | | |
| -22 | -56 | | | BRN #24 | | |
| -56 | -J4-4 | | | BRN #24 | | |
| -J4-4 | -22 | | | BRN #24 | | |
| -22 | -56 | | | BRN #24 | | |
| -56 | -J7-55 | BRN #24 | | | | |
| 3A5A2-J3-18 | 3A5A2-J3-36 | K | L7-12 | BRN #24 | | |
| -36 | -44 | | | BRN #24 | | |
| -44 | -J4-18 | | | BRN #24 | | |
| -J4-18 | -36 | | | BRN #24 | | |
| -36 | -44 | | | BRN #24 | | |
| -44 | -J8-35 | | | BRN #24 | | |

Table 7-18. Console Telephone Cable W18, 7052-1751 (Cont.)

| From | To | Function | | Notes |
|-------------|-------------|-----------------------------|-------------------|---------|
| 3A5A2-J5-55 | 3A5A2-J6-55 | T | | BRN #24 |
| -49 | -49 | R | | BRN #24 |
| -5 | -5 | T | | BRN #24 |
| -15 | -15 | R | | BRN #24 |
| -J6-41 | -J8-7 | T | RY A DROP | BRN #24 |
| -47 | -8 | R | | BRN #24 |
| -7 | -13 | T | | BRN #24 |
| -13 | -10 | R | | BRN #24 |
| -J7-41 | -J8-25 | T | RY A DROP | BRN #24 |
| -47 | -26 | R | | BRN #24 |
| -7 | -31 | T | | BRN #24 |
| -13 | -28 | R | | BRN #24 |
| -J8-4 | -J8-22 | T | RY A TO B LINE TX | BRN #24 |
| -6 | -24 | R | | BRN #24 |
| -19 | -38 | T | RX | BRN #24 |
| -2 | -20 | R | | BRN #24 |
| -J9-41 | -J8-49 | T | RY C DROP TX | BRN #24 |
| -47 | -46 | R | | BRN #24 |
| -7 | -50 | T | RX | BRN #24 |
| -13 | -48 | R | | BRN #24 |
| -J9-55 | -J10-51 | T | | BRN #24 |
| -49 | -49 | R | | BRN #24 |
| -5 | -7 | T | | BRN #24 |
| -15 | -5 | R | | BRN #24 |
| -J10-53 | -J11-13 | T | | BRN #24 |
| -55 | -15 | R | | BRN #24 |
| -3 | -33 | T | | BRN #24 |
| -1 | -39 | R | | BRN #24 |
| -J1-14 | -J1-32 | GND-COMMON BAY DC GND. RTN. | | BLK #20 |
| -32 | -43 | | | BLK #20 |
| -43 | -J2-14 | | | BLK #20 |
| -J2-14 | -32 | | | BLK #20 |
| -32 | -43 | | | BLK #20 |
| -43 | -J3-14 | | | BLK #20 |
| -J3-14 | -32 | | | BLK #20 |
| -32 | -43 | | | BLK #20 |
| -43 | -J4-14 | | | BLK #20 |
| -J4-14 | -32 | | | BLK #20 |
| -32 | -43 | | | BLK #20 |

Table 7-18. Console Telephone Cable W18, 7052-1751 (Cont.)

| From | To | Function | Notes |
|--------------|-------------|---------------|---------|
| 3A5A2-J1-17 | 3A5A2-J1-37 | -24 V -1 RYS | WHT #20 |
| -37 | -55 | | WHT #20 |
| -55 | -J2-17 | | WHT #20 |
| -J2-17 | -37 | | WHT #20 |
| -37 | -55 | | WHT #20 |
| -55 | -J3-17 | | WHT #20 |
| -J3-17 | -37 | | WHT #20 |
| -37 | -55 | | WHT #20 |
| -55 | -J4-17 | | WHT #20 |
| -J4-17 | -37 | | WHT #20 |
| -37 | -55 | | WHT #20 |
| -55 | -J8-17 | | WHT #20 |
| -J8-17 | -37 | | WHT #20 |
| -37 | -55 | | WHT #20 |
| -55 | -J11-45 | | WHT #20 |
| -J11-45 | -27 | WHT #20 | |
| -J6-35 | -J7-35 | -24 V -2 AMPS | WHT #20 |
| -J7-35 | -J9-35 | | WHT #20 |
| -J9-35 | J10-47 | | WHT #20 |
| 3A5A2-J1-12 | 3A5A2-J1-30 | GND-LOCAL 2 | BLK #20 |
| -30 | -41 | | BLK #20 |
| -41 | -J2-12 | | BLK #20 |
| -J2-12 | -30 | | BLK #20 |
| -30 | -41 | | BLK #20 |
| -41 | -J3-12 | | BLK #20 |
| -J3-12 | -30 | | BLK #20 |
| -30 | -41 | | BLK #20 |
| -41 | -J4-12 | | BLK #20 |
| -J4-12 | -30 | | BLK #20 |
| -30 | -41 | | BLK #20 |
| -41 | -J5-17 | | BLK #20 |
| -J5-17 | -J6-17 | | BLK #20 |
| -J6-17 | -J7-17 | | BLK #20 |
| -J7-17 | -J8-12 | | BLK #20 |
| -J8-12 | -30 | | BLK #20 |
| -30 | -41 | | BLK #20 |
| -J8-41 | -J9-17 | | BLK #20 |
| -J9-17 | -J10-43 | BLK #20 | |
| -J10-43 | -J11-7 | BLK #20 | |
| 3A5A2-J11-19 | 3A5A2J8-39 | RY C COIL | BRN #24 |

Table 7-19. Console Telephone Cable W19, 7052-1752

| From | To | Function | | Notes |
|------------|------------|----------|-----|-----------|
| 3A5A2-J1-8 | 3A5A1-J1-8 | R1 | L-1 | BLU/WHT |
| -7 | -7 | T1 | | WHT/BLU |
| -10 | -10 | R | | ORN/WHT |
| -13 | -13 | T | | WHT/ORN |
| -26 | -26 | R1 | L-2 | GRN/WHT |
| -25 | -25 | T1 | | WHT/GRN |
| -28 | -28 | R | | BRN/WHT |
| -31 | -31 | T | | WHT/BRN |
| -46 | -46 | R1 | L-3 | SLATE/WHT |
| -49 | -49 | T1 | | WHT/SLATE |
| -48 | -48 | R | | BLU/RED |
| -50 | -50 | T | | RED/BLU |
| -J2-8 | -J2-8 | R1 | L-4 | ORN/RED |
| -7 | -7 | T1 | | RED/ORN |
| -10 | -10 | R | | GRN/RED |
| -13 | -13 | T | | RED/GRN |
| -26 | -26 | R1 | L-5 | BRN/RED |
| -25 | -25 | T1 | | RED/BRN |
| -28 | -28 | R | | SLATE/RED |
| -31 | -31 | T | | RED/SLATE |
| -46 | -46 | R1 | L-6 | BLU/BLK |
| -49 | -49 | T1 | | BLK/BLU |
| -47 | -47 | R | | ORN/BLK |
| -50 | -50 | T | | BLK/ORN |
| -J3-8 | -J3-8 | R1 | L-7 | GRN/BLK |
| -7 | -7 | T1 | | BLK/GRN |
| -10 | -10 | R | | BRN/BLK |
| -13 | -13 | T | | BLK/BRN |
| -26 | -26 | R1 | L-8 | SLATE/BLK |
| -25 | -15 | T1 | | BLK/SLATE |
| -28 | -28 | R | | BLU/YEL |
| -31 | -31 | T | | YEL/BLU |

Table 7-19. Console Telephone Cable W19, 7052-1752 (Cont.)

| From | To | Function | | Notes |
|--------------------|--------------------|----------|----------------|------------------------|
| 3A5A2-J3-46 -49 | 3A5A1-J3-46 -49 | R1 T1 | L-9 | ORN/YEL YEL/ORN |
| -48 -50 | -48 -50 | R T | | GRN/YEL YEL/GRN |
| 3A5A2-J3-8 -7 | 3A5A1-J4-8 -7 | R1 T1 | L-10 | BRN/YEL YEL/BRN |
| -10 -13 | -10 -13 | R T | | SLATE/YEL YEL/SLATE |
| -26 -25 | -26 -25 | R1 T1 | L-11 | BLU/VIO VIO/BLU |
| -28 -31 | -28 -31 | R T | | ORN/VIO VIO/ORN |
| -46 -49 | -46 -49 | R1 T1 | L-12 | GRN/VIO VIO/GRN |
| -48 -50 | -48 -50 | R T | | BRN/VIO VIO/BRN |
| 3A5A1-J1-16 -34 | 3A5A2-J1-16 -34 | BR-1 | A TO B OP 2 | BLU/WHT WHT/BLU |
| -42 J2-16 | -42 J2-16 | | 3 4 | ORN/WHT WHT/ORN |
| -34 -42 | -34 -42 | | 5 6 | GRN/WHT WHT/GRN |
| J3-16 -34 | J3-16 -34 | | 7 8 | BRN/WHT WHT/BRN |
| -42 J4-16 | -42 J4-16 | | 9 10 | SLATE/WHT WHT/SLATE |
| -34 -42 | -34 -42 | BR-12 | 11 | BLU/RED RED/BLU |

Table 7-20. Console Telephone Cable W20, 7052-1753

| From | To | Function | | Notes |
|-----------------|------------------------|----------|-------------------------------|------------------------|
| 3A5J13-1 -13 | 3A5A1-J8-6 -4 | R T | RADIO PATCH - TX 4WT | BLU/WHT WHT/BLU |
| -2 -14 | -2 -19 | R T | RADIO PATCH - RX 4WR | ORN/WHT WHT/ORN |
| -3 -15 | -40 -56 | R T | TEL OPR - TX AT1 | GRN/WHT WHT/GRN |
| -4 -16 | -54 -52 | R T | TEL OPR - RX AT2 | BRN/WHT WHT/BRN |
| -5 -17 | 3A5TB1-CW-10 -DW-10 | R T | PTT-ATK | SLATE/WHT WHT/SLATE |
| -6 -18 | 3A5TB1-AW-13 -BW-13 | | LAMP TEST 1 LAMP TEST 2 | BLU/RED RED/BLU |
| -7 -19 | -FW-13 | | LAMP TEST COMMON/SIG BAT RTN2 | ORN/RED RED/ORN |

Table 7-21. Console Telephone Cable W21, 7052-1754

| From | To | Function | | Notes |
|-----------------|------------------------|----------|-------------------------------|------------------------|
| 3A5J14-1 -13 | 3A5A2-J8-6 -4 | R T | RADIO PATCH - TX 4WT | BLU/WHT WHT/BLU |
| -2 -14 | -2 -19 | R T | RADIO PATCH - RX 4WR | ORN/WHT WHT/ORN |
| -3 -15 | -40 -56 | R T | TEL OPR-TX AT1 | GRN/WHT WHT/GRN |
| -4 -16 | -54 -52 | R T | TEL OPR-RX AT2 | BRN/WHT WHT/BRN |
| -5 -17 | 3A5TB1-CW-11 -DW-11 | R T | PTT-ATK | SLATE/WHT WHT/SLATE |
| -6 -18 | -AW-13 -BW-13 | | LAMP TEST 1 LAMP TEST 2 | BLU/RED RED/BLU |
| -7 -19 | -FW-13 | | LAMP TEST COMMON/SIG BAT RTN2 | ORN/RED RED/ORN |

Table 7-22. Console Telephone Cable W22, 7052-1755

| From | To | Function | Notes |
|-------------------------------------|---|-------------------------------------|-------------------------------------|
| 3A5TB1-EW-13 3A5A1-J4-43 | 3A5A1-J1-14 3A5A2-J1-14 | COMMON BAY D.C. GND RTN. | #20 BLK #20 BLK |
| 3A5A1-J1-12 3A5TB2-1 3A5TB2-1 | 3A5TB1-MW-13 3A5TB1-MW-13 3A5J15-8 | CONSOLE LOCAL GND. 1 | #20 BLK #20 BLK #24 BLK |
| 3A5A2-J1-12 3A5TB3-1 3A5TB3-1 | 3A5TB1-NW-13 3A5TB1-NW-13 3A5J15-11 | CONSOLE LOCAL GND. 2 | #20 BLK #20 BLK #24 BLK |
| 3A5TB1-CW-13 3A5AI-J11-11 | 3A5A1-J11-11 3A5A2-J11-11 | 9VAC 9VAC | #20 YEL #20 YEL |
| 3A5TB2-2 3A5TB2-3 3A5TB2-3 | 3A5A1-J1-17 3A5A1-J6-35 3A5J15-1 | -24V RLYS -24V AMPS -24V CVTR | #20 WHITE #20 WHITE #20 WHITE |
| 3A5TB3-2 3A5TB3-3 3A5TB3-3 | 3A5A2-J1-17 3A5A2-J6-35 3A5J15-4 | -24V RLYS -24V AMPS -24V CVTR | #20 WHITE #20 WHITE #20 WHITE |

Table 7-23. Console Telephone Cable W23, 7052-1756

| From | To | Function | Notes |
|-----------------|------------------|---------------------|--------------|
| 3A6W1P1-1 -8 | 3A6W1-J1-1 -6 | -BAT CVTR #1 GND | BLU WHT |
| -2 -9 | -2 -5 | R TEL NET T | ORN WHT |
| -3 -10 | -3 -4 | R LINE T | GRN WHT |
| -4 -11 | 3A6W1-J2-1 -6 | -BAT CVTR #2 GND | BRN WHT |
| -5 -12 | 2 5 | R TEL NET T | SLATE WHT |
| -6 -13 | 3 4 | R LINE T | BLU RED |
| -7 -14 | | | ORN RED |

Table 7-24. Communication Control Console OJ-512/FRC-176(V) Cables

| "W" Number | From | To | Part Number |
|---------------|--|-----------|-------------|
| W1* | 1A1TB1 1A2J2 1A3TB1 1A5S1 1TB1 | 2A3J1 | 7052-1051 |
| W1-A* | BOOM MIC "A" | W1-B*-P1 | 7052-1052 |
| W1-B* | W1-A*-P1 | 1A2J2 | 7052-1053 |
| W2* | 1A6 | 2A1 | 7052-1054 |
| W3* | 1A6 | 2A1 | 7052-1055 |
| W4* | 1A7J1 | 3A7J6 | 7052-1056 |
| W5* | 2A2A1J1 | 3A5J12 | 7052-1057 |
| W6* | 2A2A1J7 | 3A7J6 | 7052-1058 |
| W7* | 5A2A1J1 | 3A5J11 | 7052-1059 |
| W8* | 4A7J1 | 3A7J6 | 7052-1060 |
| W9* | 4A6 | 5A1 | 7052-1054 |
| W10* | 4A6 | 5A1 | 7052-1055 |
| W11* | 3A7J6 | 5A2A1J7 | 7052-1061 |
| W12* | 4A1TB1 | 5A3J1 | 7052-1051 |
| 4A2J2 | | | |
| 4A3TB1 | | | |
| 4A5S1 | | | |
| 4TB1 | | | |
| W12-A* | BOOM MIC "B" | W12-B*-P1 | 7052-1052 |
| W12-B | W1-A*-P1 | 4A2J2 | 7052-1053 |

Table 7-25. Communication Control Console Cable W1, 7052-1051

| From | To | Function | Notes | |
|-------------------|---------------------|--------------------------|---------------------------------------|------------------------------|
| A1(A5)P1-1 -26 | A1(A4)A1TB1-1 -6 | TK4-RF-901 KO-RF-901 | KEYLINE IN P/O 9506 KEYLINE OUT #1 | { BLK } PR RED |
| -2 | -2 | 4WR (T) | P/O 9506 #1 | BLK P/O BLK-WHT PAIR |
| -27 | A1(A4) TB1-1 | TK2 (FOOTSWITCH KEYLINE) | P/O 8451 | RED |
| -3 | A1(A4)A1TB1-8 | TEL RX | P/O 9506 #1 | { BLK } PR GRN |
| -28 | -9 | TEL RX | | |
| -4 | -9 | TEL TX | P/O 9506 #1 | { BLK } PR BLU |
| -29 | -3 | TEL TX | | |
| -5 | A1(A4)A3TB4-1 | TLER | 5274 #1 | { WHT } PR BLK |
| -30 | -2 | TLER | | |
| -6 | -3 | TLMX | 5274 #1 | { WHT } PR BRN |
| -31 | -4 | TLMX | | |
| -7 | A1(A4)A1TB1-7 | HWR (R) | P/O 9506 #1 | WHT P/O BLK-WHT PAIR |
| -32 | A1(A4) NC | --- | | |
| -8 | A1(A4)1A551-3 | LT1 | 5274#2 5274 #2 | { WHT } PR BRN |
| -33 | A1(A4)1A552-3 | LT2 | | |
| -9 | A1(A4)1A551-1 | LTC | | { BLK P/O WHT-BLK |
| -34 | A1(A4) TB1-2 | GND (FOOTSWITCH) | P/O 8451 | BLK P/O WHT-BLK PAIR |
| -10 | A1(A4)A1TB1-10 | HWT (T) | | { BLK P/O BLK-YEL PAIR |
| -35 | A1(A4)A1TB1-4 | GND (RF-901) | P/O 9506 #1 | { BLK P/O BLK-BRN PAIR |
| -11 | A1(A4)A1TB1-11 | HWT (R) | | { YEL P/O BLK-YEL PAIR |
| -36 | | | | |
| -12 | | | | |
| -37 | | | | |

Table 7-25. Communication Control Console Cable W1, 7052-1051 (Cont.)

| From | To | Function | Notes |
|--------------------|--------------|-----------------------------------|-----------------------|
| A1(A5)P1-13 -38 | | | |
| -14 | A1(A4)A2P2-9 | SRMONX (SEND RCV) | } BLK } PR } RED } |
| -39 | -10 | SRMONX (SEND RCV) P/O 9506 #2 | |
| -15 | -13 | MONAO (MON A) | } BLK } PR } WHT } |
| -40 | -14 | MONAO (MON A) | |
| -16 | -11 | MONBO (MON B) | } BLK } PR } GRN } |
| -41 | -12 | MONBO (MON B) | |
| -17 | -15 | BMKVFT (BOOM MIKE) | } BLK } PR } BLU } |
| -42 | -16 | BMKVFR (BOOM MIKE) P/O 9506 #2 | |
| -18 | -19 | HSMKVFT (HEADSET MIKE) | } BLK } PR } YEL } |
| -43 | -20 | HSMKVFR (HEADSET MIKE) | |
| -19 | -2 | TK3 (HEADSET KEYLINE) | } BLK } PR } BRN } |
| -44 | -3 | GND | |
| -20 | NC | | |
| -45 | NC | | |
| -21 | NC | | |
| -46 | NC | | |
| -22 | NC | | |
| -47 | NC | | |
| -23 | NC | | |
| -48 | NC | | |
| -24 | NC | | |
| -49 | NC | | |
| -25 | NC | | |
| -50 | NC | | |

Table 7-26. Communication Control Console Cable W1-A, 7052-1051

| From | To | Function | Notes |
|------------------------------|------------------------|----------------|----------------|
| BOOM MIC 'A' BOOM MIC 'A' | W1-B*P1-3 W1-B*P1-2 | AUDIO AUDIO | CLEAR BLACK |

Table 7-27. Communication Control Console Cable W1-B, 7052-1053

| From | To | Function | Notes |
|----------------------|--------------------------|----------------|--------------|
| 1A2J2-17 1A2J2-18 | W1-A*-P1-3 W1-A*-P1-2 | AUDIO AUDIO | RED BLACK |

Table 7-28. Communication Control Console Cable W2, 7052-1054

| From | To | Function | Notes |
|---------|---------|----------|---------------|
| 1A6P1-1 | 2A1P2-1 | | |
| -2 | -2 | | BLK |
| -3 | -3 | | WHT |
| -4 | -4 | | RED |
| -5 | -5 | | GRN |
| -6 | -6 | | BRN |
| -8 | -8 | | BLU |
| -9 | -9 | | ORN |
| -10 | -10 | P/O | YEL |
| -11 | -11 | 1181-25 | VIO |
| -12 | -12 | CABLE | GRAY |
| -13 | -13 | | PINK |
| -14 | -14 | | TAN |
| -15 | -15 | | WHT/BLK |
| -16 | -16 | | WHT/RED |
| -18 | -18 | | WHT/GRN |
| -19 | -19 | | WHT/BRN |
| -20 | -20 | | WHT/BLU |
| -21 | -21 | | RED-SHIELDED |
| -22 | -22 | | GRN PAIR |
| -23 | -23 | | SHLD |
| | | | RED-SHLD |
| | | | OF WHT/RED PR |
| -24 | -24 | | BLK-SHLD |
| -25 | -25 | | ORN SHLDED PR |
| -27 | -27 | | WHT OF |
| | | | WHT/RED PAIR |
| -28 | -28 | 8775 | BLK-SHLD5 |
| -29 | -29 | CABLE | RED SHLDED PR |
| -30 | -30 | | BLK-SHLD- |
| -31 | -31 | | WHT SHLDED PR |
| -32 | -32 | | BLK-SHLD |
| -33 | -33 | | GRN SHLDED PR |
| -34 | -34 | | BLK-SHLD1 |
| -35 | -35 | | BLU SHLDED PR |
| -36 | -36 | | SHLD |
| -37 | -37 | 8451 | RED SHLDED PR |
| -38 | -38 | CABLE | BLK |
| -39 | -39 | | |
| -40 | -40 | 8451 | RED SHLDED PR |
| -41 | -41 | CABLE | BLK |
| -42 | -42 | | WHT/ORN |
| -43 | -43 | P/O | WHT/YEL |
| -44 | -44 | 1181-25 | WHT/VIO |
| -45 | -45 | CABLE | WHT/GRAY |

Table 7-29. Communication Control Console Cable W3, 7052-1055

| From | To | Function | Notes |
|--------------------|--------------------|----------------|------------|
| 2A1P2-1 2A1P2-2 | 1A6P1-1 1A6P1-2 | AUDIO AUDIO | WHT BLK |

Table 7-30. Communication Control Console Cable W4, 7052-1056

| From | To | Function | Notes |
|----------|----------|--------------------|------------------------|
| A1A6P1-1 | A3A5J6-1 | REC LEFT CHANNEL | WHT P/O WHT-BLK PR |
| -2-7 | NC | --- | |
| -8 | -4 | PLAY RIGHT CHANNEL | WHT} P/O WHT-ORN PR |
| -9 | -26 | REC LEFT CHANNEL | BLK P/O WHT-BLK PR |
| -10 | -3 | PLAY LEFT CHANNEL | WHT |
| -11 | -28 | PLAY LEFT CHANNEL | BRN PR |
| -12 | NC | --- | |
| -13 | -2 | REC RIGHT CHANNEL | WHT PR |
| -14 | -27 | REC RIGHT CHANNEL | RED |
| -15 | -29 | PLAY RIGHT CHANNEL | ORN P/O WHT-ORN PR |

Table 7-31. Communication Control Console Cable W5, 7052-1057

| From | To | Function | Notes |
|------|-------|----------------------------|---------|
| P1-1 | P12-1 | XCV STATUS CH 1 TO OP 'A' | BLK |
| -2 | -2 | XCV STATUS CH 2 TO OP 'A' | RED |
| -3 | -3 | XCV STATUS CH 3 TO OP 'A' | WHT |
| -4 | -4 | XCV STATUS CH 4 TO OP 'A' | GRN |
| -5 | -5 | XCV STATUS CH 5 TO OP 'A' | ORN |
| -6 | -6 | XCV STATUS CH 6 TO OP 'A' | BLU |
| -7 | -7 | XCV STATUS CH 7 TO OP 'A' | BRN |
| -8 | -8 | XCV STATUS CH 8 TO OP 'A' | YEL |
| -9 | -9 | XCV STATUS CH 9 TO OP 'A' | VIO |
| -10 | -10 | XCV STATUS CH 10 TO OP 'A' | GRAY |
| -11 | -11 | XCV STATUS CH 11 TO OP 'A' | PINK |
| -12 | -12 | XCV STATUS CH 12 TO OP 'A' | TAN |
| -13 | -13 | GROUND TO OP 'A' | RED/GRN |
| -14 | -14 | GROUND TO OP 'A' | RED/YEL |
| -15 | -15 | SPARE TO OP 'A' | RED/BLK |

Table 7-32. Communication Control Console Cable W6, 7052-1058

| From | To | Function | Notes |
|------------|-----------|--------------------|--------|
| A2A2A1P7-1 | A3A5J6-13 | REC LEFT CHANNEL | WHT PR |
| -9 | -38 | REC LEFT CHANNEL | BLK |
| -13 | -14 | REC RIGHT CHANNEL | WHT PR |
| -14 | -39 | REC RIGHT CHANNEL | RED PR |
| -10 | -15 | PLAY LEFT CHANNEL | WHT |
| -11 | -40 | PLAY LEFT CHANNEL | BRN PR |
| -8 | -16 | PLAY RIGHT CHANNEL | WHT |
| -15 | -41 | PLAY RIGHT CHANNEL | ORN |

Table 7-33. Communication Control Console Cable W7, 7052-1059

| From | To | Function | Notes |
|------|-------|----------------------------|---------|
| P1-1 | P11-1 | XCV STATUS CH 1 TO OP 'B' | BLK |
| -2 | -2 | XCV STATUS CH 2 TO OP 'B' | RED |
| -3 | -3 | XCV STATUS CH 3 TO OP 'B' | WHT |
| -4 | -4 | XCV STATUS CH 4 TO OP 'B' | GRN |
| -5 | -5 | XCV STATUS CH 5 TO OP 'B' | ORN |
| -6 | -6 | XCV STATUS CH 6 TO OP 'B' | BLU |
| -7 | -7 | XCV STATUS CH 7 TO OP 'B' | BRN |
| -8 | -8 | XCV STATUS CH 8 TO OP 'B' | YEL |
| -9 | -9 | XCV STATUS CH 9 TO OP 'B' | VIO |
| -10 | -10 | XCV STATUS CH 10 TO OP 'B' | GRAY |
| -11 | -11 | XCV STATUS CH 11 TO OP 'B' | PINK |
| -12 | -12 | XCV STATUS CH 12 TO OP 'B' | TAN |
| -13 | -13 | GROUND TO OP 'B' | RED/GRN |
| -14 | -14 | GROUND TO OP 'B' | RED/YEL |
| -15 | -15 | SPARE TO OP 'B' | RED/BLK |

Table 7-34. Communication Control Console Cable W8, 7052-1060

| From | To | Function | Notes |
|----------|----------|--------------------|------------------------|
| A4A6P1-1 | A3A5J6-5 | REC LEFT CHANNEL | WHT P/O WHT-BLK PR |
| -2-7 | NC | --- | |
| -8 | A3A5J6-8 | PLAY RIGHT CHANNEL | WHT P/O WHT-ORN PR |
| -9 | -30 | REC LEFT CHANNEL | BLK} P/O WHT-BLK PR |
| -10 | -7 | PLAY LEFT CHANNEL | WHT |
| -11 | -32 | PLAY LEFT CHANNEL | BRN PR |
| -12 | NC | --- | |
| -13 | A3A5J6-6 | REC RIGHT CHANNEL | WHT |
| -14 | -31 | REC RIGHT CHANNEL | RED PR |
| -15 | -33 | PLAY RIGHT CHANNEL | ORN P/O WHT-ORN PR |

Table 7-35. Communication Control Console Cable W9, 7052-1054

| From | To | Function | | | Notes |
|-------------------|--------------------|----------|------|-----|------------------------|
| 3A5TB1-AW-2 -5 | 3A5A1-J1-6 -4 | R1 T1 | A-OP | L-1 | BLU/WHT WHT/BLU |
| -BW-2 -5 | -24 -22 | R1 T1 | | L-2 | ORN/WHT WHT/ORN |
| -CW-2 -5 | -40 -56 | R1 T1 | | L-3 | GRN/WHT WHT/GRN |
| -DW-2 -5 | 3A5A2-J2-6 -4 | R1 T1 | | L-4 | BRN/WHT WHT/BRN |
| -EW-2 -5 | -24 -22 | R1 T1 | | L-5 | SLATE/WHT WHT/SLATE |
| -FW-2 -5 | -40 -56 | R1 T1 | | L-6 | BLU/RED RED/BLU |
| -HW-2 -5 | 3A5A1-J1-6 -4 | R1 T1 | B-OP | L-1 | ORN/RED RED/ORN |
| -JW-2 -5 | -24 -22 | R1 T1 | | L-2 | GRN/RED RED/GRN |
| -KW-2 -5 | -40 -56 | R1 T1 | | L-3 | BRN/RED RED/BRN |
| -LW-2 -5 | 3A5A1-J2-6 -4 | R1 T1 | | L-4 | SLATE/RED RED/SLATE |
| -MW-2 -5 | -24 -22 | R1 T1 | | L-5 | BLU/BLK BLK/BLU |
| -NW-2 -5 | -40 -56 | R1 T1 | | L-6 | ORN/BLK BLK/ORN |
| -AW-8 -BW-8 | 3A5A1-J1-18 -36 | K1 K2 | A-OP | | GRN/BLK BLK/GRN |
| -CW-8 -DW-8 | -44 3A5A1-J2-18 | K3 K4 | | | BRN/BLK BLK/BRN |
| -EW-8 -FW-8 | -36 -44 | K5 K6 | | | SLATE/BLK BLK/SLATE |

Table 7-36. Communication Control Console Cable W01, 7052-1055

| From | To | Function | Notes |
|--------------------|--------------------|----------------|------------|
| 5A1P2-1 5A1P2-2 | 4A6P1-1 4A6P1-2 | AUDIO AUDIO | WHT BLK |

Table 7-37. Communication Control Console Cable W11, 7052-1061

| From | To | Function | Notes |
|------------------|------------------|--|---------------|
| A5A2A1P7-1 -9 | A3A5J6-17 -42 | REC LEFT CHANNEL REC LEFT CHANNEL | WHT BLK PR |
| -13 -14 | -18 -43 | REC RIGHT CHANNEL REC RIGHT CHANNEL | WHT RED |
| -10 -11 | -19 -44 | PLAY LEFT CHANNEL PLAY LEFT CHANNEL | WHT BRN |
| -8 -15 | -20 -45 | PLAY RIGHT CHANNEL PLAY RIGHT CHANNEL | WHT PR ORN |

Table 7-38 Communication Control Console Cable W12, 7052-1051

| From | To | Function | Notes |
|-------------------|---------------------|--|-----------------------------------|
| A1(A5)P1-1 -26 | A1(A4)A1TB1-1 -6 | TK4-RF-901 KEYLINE IN P/O 9506 KO-RF-901 KEYLINE OUT #1 | BLK- PR RED |
| -2 | -2 | 4WR (T) P/O 9506 #1 | BLK P/O BLK-WHT PAIR RED |
| -27 | A1(A4) TB1-1 | TK2 (FOOTSWITCH KEYLINE)P/O8451 | RED |
| -3 | A1(A4)A1TB1-8 | TEL RX | BLK-PR |
| -28 | -9 | TEL RX P/O 9506 #1 | GRN |
| -4 | -9 | TEL TX | BLK- PR |
| -29 | -3 | TEL TX | BLU |
| -5 | A1(A4)A3TB4-1 | TLER | WHT |
| -30 | -2 | TLER 5274 #1 | BLK |
| -6 | -3 | TLMX | WHT- PR |
| -31 | -4 | TLMX | BRN |
| -7 | A1(A4)A1TB1-7 | HWR (R) P/O 9506 #1 | WHT P/O |
| -32 | A1(A4) NC | --- | BLK-WHT PAIR |
| -8 | A1(A4)1A551-3 | LT1 | WHT- |
| -33 | A1(A4)1A552-3 | LT2 5274 #2 | BRN |
| -9 | A1(A4)1A551-1 | LTC | BLK P/O WHT-BLK PAIR |
| -34 | A1(A4) TB1-2 | GND (FOOTSWITCH) P/O 8451 | BLK |
| -10 | A1(A4)A1TB1-10 | HWT (T) | BLK P/O BLK-YEL PAIR |
| -35 | A1 (A4)A1TB1-4 | GND (RF-901) P/O 9506 #1 | BLK P/O BLK-BRN PAIR |
| -11 | A1(A4)A1TB1-11 | HWT (R) | YEL P/O BLK-YEL PAIR |
| -36 | | | |
| -12 | | | |
| -37 | | | |

Table 7-38. Communication Control Console Cable W12, 7052-1051 (Cont.)

| From | To | Function | Notes |
|--------------------|--------------|------------------------|---------|
| A1(A5)P1-13 -38 | | | |
| -14 | A1(A4)A2P2-9 | SRMONX (SEND RCV) | BLK PR |
| -39 | -10 | SRMONX (SEND RCV) | RED |
| -15 | -13 | MONAO | BLK PR |
| -40 | -14 | MONAO | WHT |
| -16 | -11 | MONBO | BLK PR |
| -41 | -12 | MONBO | GRN |
| -17 | -15 | BMKVFT (BOOM MIKE) | BLK- PR |
| -42 | -16 | BMKVFR (BOOM MIKE) | BLU |
| -18 | -19 | HSMKVFT (HEADSET MIKE) | BLK- PR |
| -43 | -20 | HSMKVFR (HEADSET MIKE) | YEL |
| -19 | -2 | TK3 (HEADSET KEYLINE) | BLK-PR |
| -44 | -3 | GND | BRN |
| -20 | NC | | |
| -45 | NC | | |
| -21 | NC | | |
| -46 | NC | | |
| -22 | NC | | |
| -47 | NC | | |
| -23 | NC | | |
| -48 | NC | | |
| -24 | NC | | |
| -49 | NC | | |
| -25 | NC | | |
| -50 | NC | | |

Table 7-39. Communication Control Console Cable W12-A, 7052-1052

| From | To | Function | Notes |
|------------------------------|--------------------------|----------------|--------------|
| BOOM MIC "B" BOOM MIC "B" | W12-B*P1-3 W12-B*P1-2 | AUDIO AUDIO | CLEAR BLK |

Table 7-40. Communication Control Console Cable W12-B, 7052-1053

| From | To | Function | Notes |
|----------------------|----------------------------|----------------|------------|
| 4A2J2-17 4A2J2-18 | W12-A*-P1-3 W12-A*-P1-2 | AUDIO AUDIO | RED BLK |

Table 7-41. Communication Control Console Cable, 7052-1791

| From | To | Function | Notes |
|---------|---|---------------|--|
| A2P3-1 | NC | --- | WHT PR BLK WHT P/O WHT-RED PR W1 |
| -2 | A8TB1-2 | RS-422 IN + | |
| -3 | -3 | RS-422 IN - | |
| -4 | -4 | GND | |
| -5 | NC | --- | WHT7 PR BRN- RED P/O WHT-RED PR SHIELD |
| -6 | NC | --- | |
| -7 | A8TB1-5 | RS-422 OUT + | |
| -8 | -6 | RS-422 OUT - | |
| -9 | -7 | GND | |
| | SHIELD | -1 SHIELD GND | |
| A8TB1-1 | A8J7-1; A8J8-1 E1; SHIELD OF A2P3 | SHIELD GND | |
| -2 | A8J7-2; A8J8-2 A2P3-2 | RS-422 IN + | |
| -3 | A8J7-3; A8J8-3 A2P3-3 | RS-422 ; N - | |
| -4 | A8J7-4; A8J8-4 A2P3-4 | GND | |
| -5 | A8J7-7; A8J8-7 A2P3-7 | RS-422 OUT + | |
| -6 | A8J7-8; A8J8-8 A2P3-8 | RS-422 OUT - | |

Table 7-41. Communication Control Console Cable, 7052-1791 (Cont.)

| From | To | Function | Notes |
|---------|------------------------------|--------------|---------------------------------|
| A8TB1-7 | A8J7-9; A8J8-9 | GND | |
| -8 | A2P3-9 NC | | |
| A4P3-1 | NC | --- | |
| -2 | A8TB2-2 | RS-422 IN + | WHT- PR |
| -3 | -3 | RS-422 IN - | BLK |
| -4 | -4 | GND | WHT P/O WHT-RED PR |
| -5 | NC | --- | W2 |
| -6 | NC | --- | |
| -7 | A8TB2-5 | RS-422 OUT + | WHT- PR |
| -8 | -6 | RS-422 OUT - | BRN |
| -9 | -7 | GND | RED P/O WHT-RED PR SHIELD |
| SHIELD | A8TB2-1 | SHIELD GND | |
| A8TB2-1 | A8J9-1; A8J10-1 | SHIELD GND | |
| | E1; SHIELD OF A4P3 | | |
| -2 | A8J9-2; A8J10-2 | RS-422 IN + | |
| -3 | A4P3-2 A8J9-3; A8J10-3 | RS-422 IN - | |
| -4 | A4P3-3 A8J9-4; A8J10-4 | GND | |
| -5 | A4P3-4 A8J9-7; A8J10-7 | RS-422 OUT + | |
| -6 | A4P3-7 A8J9-8; A8J10-8 | RS-422 OUT - | |
| -7 | A4P3-8 A8J9-9; A8J10-9 | | |
| -8 | A4P3-9 NC | | |

7-3. CONTROL INTERFACE GROUP OK-449(V)/FRC-176(V) CABLES.

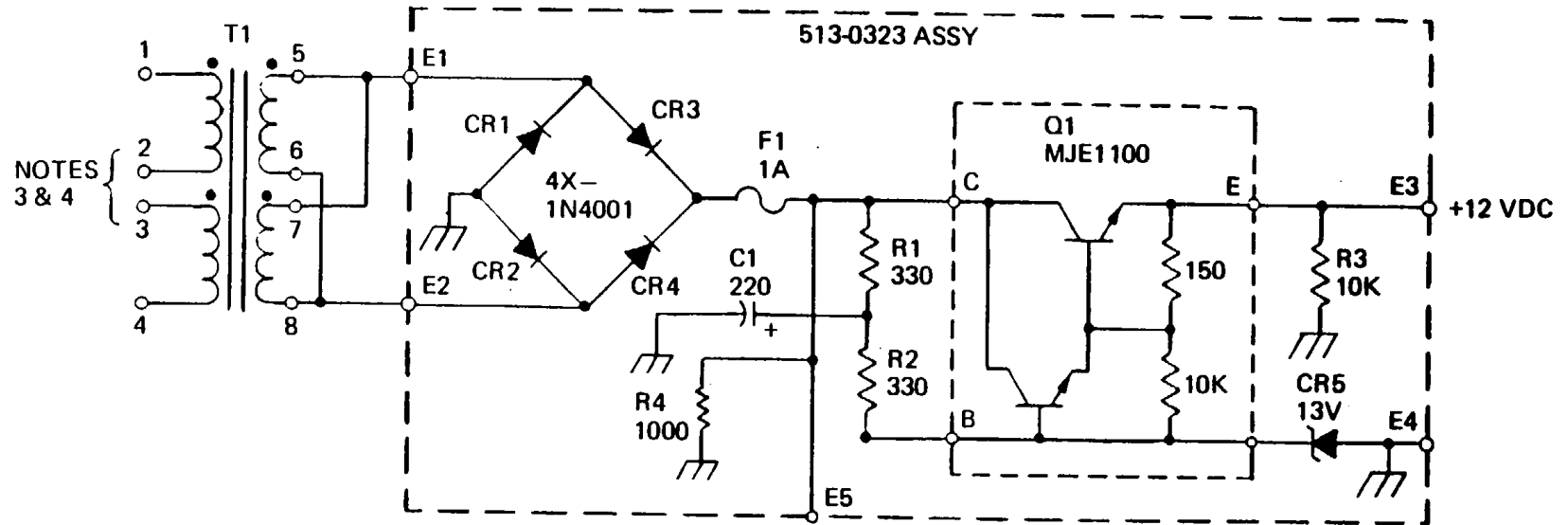
Table 4-42 lists all of the Control Interface Group Telephone Equipment Bay Cables which are shown and identified on interconnection diagram figure 6-41. Tables 7-43 thru 7-77 are the wire run lists for the Telephone Equipment Bay cables listed in table 7-42 and shown in figure 6-41. Figure 7-1 shows the Telephone Equipment Bay permanent TB1 jumpers. Figure 7-2 shows the Communication Control Console Permanent 3A5TB1 jumpers. Figure 7-3 shows the strapping for the Telephone Equipment Bay LTB1 strapping and the Communication Control Console 3A5TB1 strapping.

Table 7-42. Control Interface Group OK-449(V)/FRC-176(V) Cables (All Sites Except Bann)

| "W" Number | From | To | Part Number |
|---------------|-------------|---------------|-------------|
| W1 | 1A1J1 | 1A7J2 | 7052-5201 |
| W2 | 1A1J2 | 1TB1 | 7052-5202 |
| W3 | 1A3 | 1A5 | 7052-5203 |
| W4 | 1A3 | 1TB1 | 7052-5204 |
| W5 | 1A6J1 | 1TB2 | 7052-5205 |
| W6 | 1A6J2 | 1TB2 | 7052-5206 |
| W7 | 1A7P2 | 1TB1 | 7052-5207 |
| W8 | 1A8J1 | 1A10J12-J23 | 7052-5208 |
| W9 | 1A8J2 | 1TB2 | 7052-5209 |
| W10 | 1A8P1 | 1A10J5 | 7052-5210 |
| W11 | 1A8P2 | 1A10J6 | 7052-5211 |
| W12 | 1A9J16 | 1TB1 | 7052-5212 |
| W13 | 1A9J17 | 1TB1 | 7052-5213 |
| W14 | 1A9J18 | 1TB1 | 7052-5214 |
| W15 | 1A10J1 | 1A10J12-J23 | 7052-5215 |
| W16 | 1A10J2 | 1TB1 | 7052-5216 |
| W17 | 1A10J3 | 1TB1 | 7052-5217 |
| W18 | 1A10J4 | 1TB1 | 7052-5218 |
| W19 | 1A10J7 | 1A7J1 | 7052-5219 |
| | | 1A7P1 | |
| W20 | 1A10J8-J11 | 1TB2 | 7052-5220 |
| W21 | 1PS2 | 1A9 | 7052-5221 |
| W22 | 1TB2 | 1A10J12-J23 | 7052-5222 |
| W23 | 1A3/1A5 | 1TB1 | 7052-5223 |
| W24 | 1A4 | 1TB2 | 7052-5224 |
| W25 | 1A2 | 1A4 | 7052-5225 |
| W26 | 1A2/1A3 | 1TB1 | 7052-5226 |
| W27 | 1A4/1A2 | 1TB1 | 7052-5227 |
| W28 | 1PS2 | 1A9 | 7052-5228 |
| W29 | 1PS1/1PS2 | 1A2 | 7052-5229 |
| | | 1A3 | |
| | | 1A4 | |
| | | 1A5 | |
| Jumper | 1A2 | 1A2 | 7052-5230 |
| Jumper | 1A3 | 1A3 | 7052-5231 |
| Jumper | 1A4 | 1A4 | 7052-5232 |
| Jumper | 1A5 | 1A5 | 7052-5233 |
| Jumper | 1A2/1A3 | 1A2/1A3 | 7052-5234 |
| Jumper | 1A4/1A5 | 1A4/1A5 | 7052-5235 |
| Power | | | |
| Jumper | 1A2/1A3/1A4 | 1TB1/1A2/1A3/ | 7052-5236 |
| 1A4/1A5 | | | |
| Power | | | |
| Jumpers | 1TB1 | 1TB1 | 7052-5237 |
| 1A9 | | | |
| MODS | 1A9 | 1A9 | 7052-5238 |

Table 7-43. Control Interface Group OK-449(V)/FRC-176(V) Telephone Equipment Bay Cables (Bann Site Only)

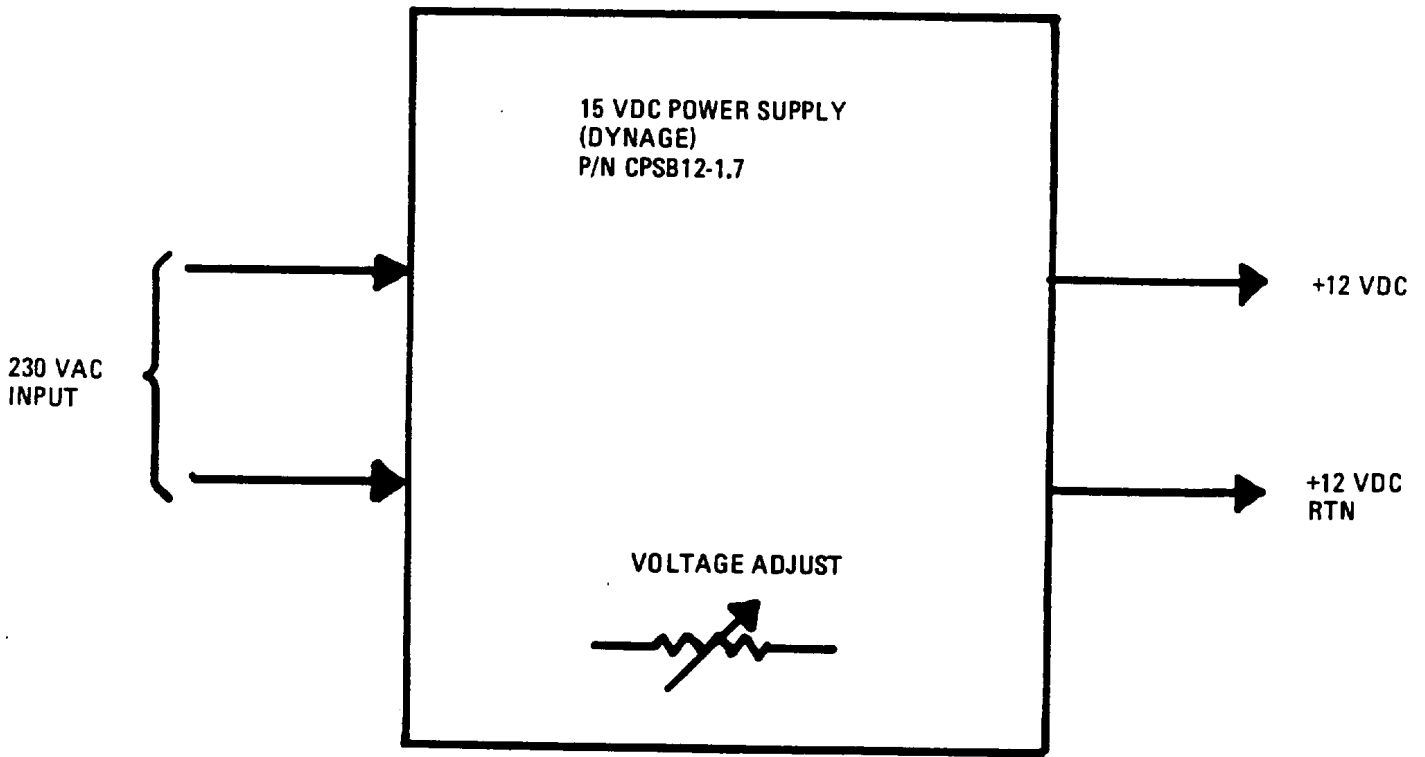
| "W" Number | From | To | Part Number |
|---------------|-------------|------------------|-------------|
| W1 | 1A1J1 | 1A7J2 | 7052-5201 |
| W2 | 1A1J2 | 1A6J1 | 7052-5251 |
| W3 | 1A3 | 1A5 | 7052-5203 |
| W4 | 1A3 | 1TB1 | 7052-5204 |
| W5 | 1A7P1 | 1A10J4, J8, J12 | 7052-5252 |
| W6 | 1A7J1 | 1A10J4, J8, J2 | 7052-5253 |
| W7 | 1A7P2 | 1TB1 | 7052-5208 |
| W8 | 1TB1 | 1TB2 | 7052-5254 |
| W9 | 1TB1 | 1TB2 | 7052-5255 |
| W10 | 1TB1 | 1TB2 | 7052-5256 |
| W11 | 1A10J1 | 1TB2 | 7052-5257 |
| W12 | 1A9J16 | 1TB1 | 7052-5212 |
| W13 | 1A9J17 | 1TB1 | 7052-5213 |
| W14 | 1A9J18 | 1TB1 | 7052-5214 |
| W15 | 1A10J2 | 1TB2 | 7052-5258 |
| W16 | 1A10J3 | 1TB2 | 7052-5259 |
| W17 | 1A10J5 | 1TB2 | 7052-5260 |
| W18 | 1A10J6 | 1TB2 | 7052-5261 |
| W19 | 1Ai0J7 | 1TB2 | 7052-5262 |
| W20 | 1A10J9 | 1TB2 | 7052-5263 |
| W21 | 1A10J10 | 1TB2 | 7052-5264 |
| W22 | 1A10J11 | 1TB2 | 7052-5265 |
| W23 | 1A3/1A5 | 1TB1 | 7052-5223 |
| W24 | 1A4 | 1A6J2 | 7052-5266 |
| W25 | 1A2 | 1A4 | 7052-5225 |
| W26 | 1A2/1A3 | 1TB1 | 7052-5226 |
| W27 | 1A4/1A2 | 1TB1 | 7052-5227 |
| W28 | 1PS2 | 1A9 | 7052-5228 |
| W29 | 1PS1/1PS2 | 1A2 | 7052-5229 |
| | | 1A3 | |
| | | 1A4 | |
| | | 1A5 | |
| Jumper | 1A2 | 1A2 | 7052-5230 |
| Jumper | 1A3 | 1A3 | 7052-5231 |
| Jumper | 1A4 | 1A4 | 7052-5232 |
| Jumper | 1A5 | 1A5 | 7052-5233 |
| Jumper | 1A2/1A3 | 1A2/1A3 | 7052-5234 |
| Jumper | 1A4/1A5 | 1A4/1A5 | 7052-5235 |
| Power | | | |
| Jumpers | 1A2/1A3/1A4 | 1TB1/1A2/1A3/1A4 | 7052-5236 |
| Power | | | |
| Jumpers | 1TB1 | 1TB1 | 7052-5237 |
| 1A9 | | | |
| M0DS | 1A9 | 1A9 | 7052-5238 |



NOTES:

1. ALL CAPACITORS ARE IN MICROFARADS.
2. ALL RESISTORS ARE IN OHMS.
3. FOR 230V OPERATION, JUMPER T1 TERMINAL 2 TO 3, INPUT TERMINALS ARE 1 AND 4.
4. FOR 115V OPERATION, JUMPER T1 TERMINALS 1 TO 3, AND 2 TO 4. INPUT TERMINALS ARE 1 AND 4.

Figure 6-3. RF-906A Power Supply, 1A1A4 and 4A1A4 Communication Control Console OJ-512/FRC-176(V), Schematic Diagram



USED IN AUDIO MONITOR PANELS CCC1A2 AND CCC4A2

Figure 6-8. 15 Vdc Power Supply (Dynage), P/N CPSB12-1.7, 1A2A2PS1 Communication Control Console OJ-512/FRC-176(V), Schematic Diagram

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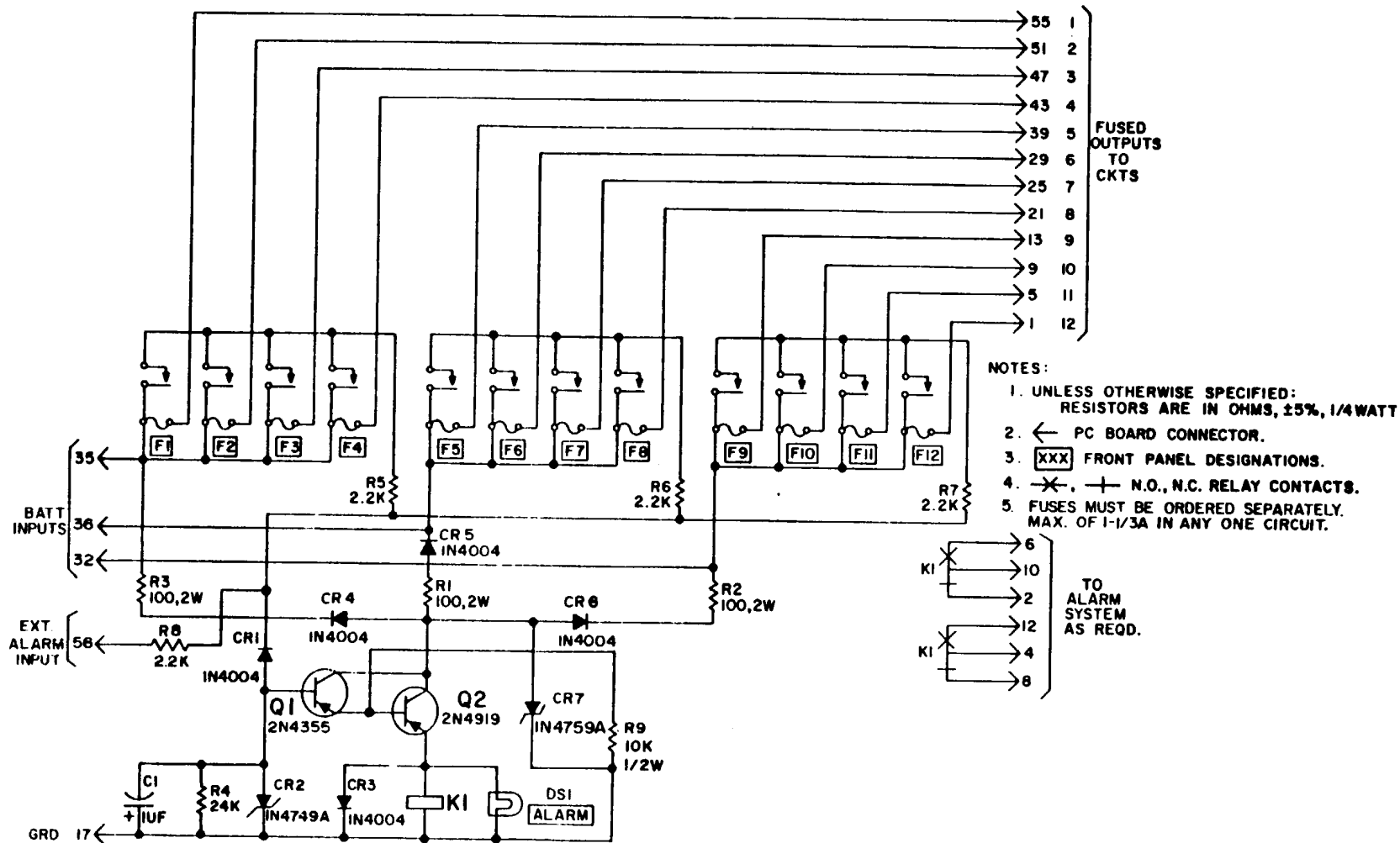


Figure 6-25. Fuse and Distribution Module, P/N 4285, 2A3A1A11 and 5A3A1A11 In Communication Control Console, OJ-512/FRC-176(V), Schematic Diagram

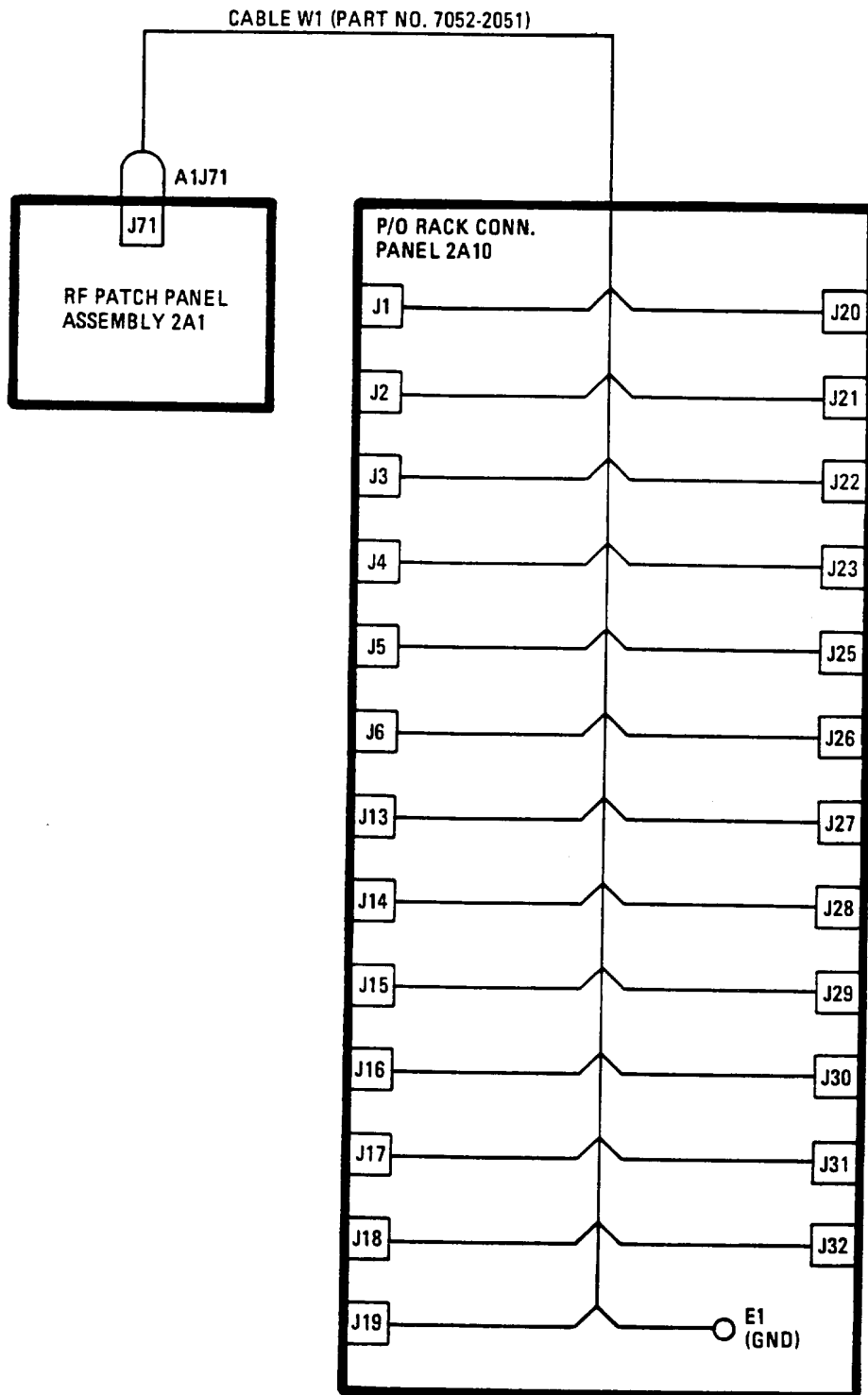


Figure 6-46. Control Interface Group OK-449 (V)/ FRC-176(V) RF Equipment Bay Intrarack Cabling Diagram (Bann Site Only) (Sheet 1 of 5)

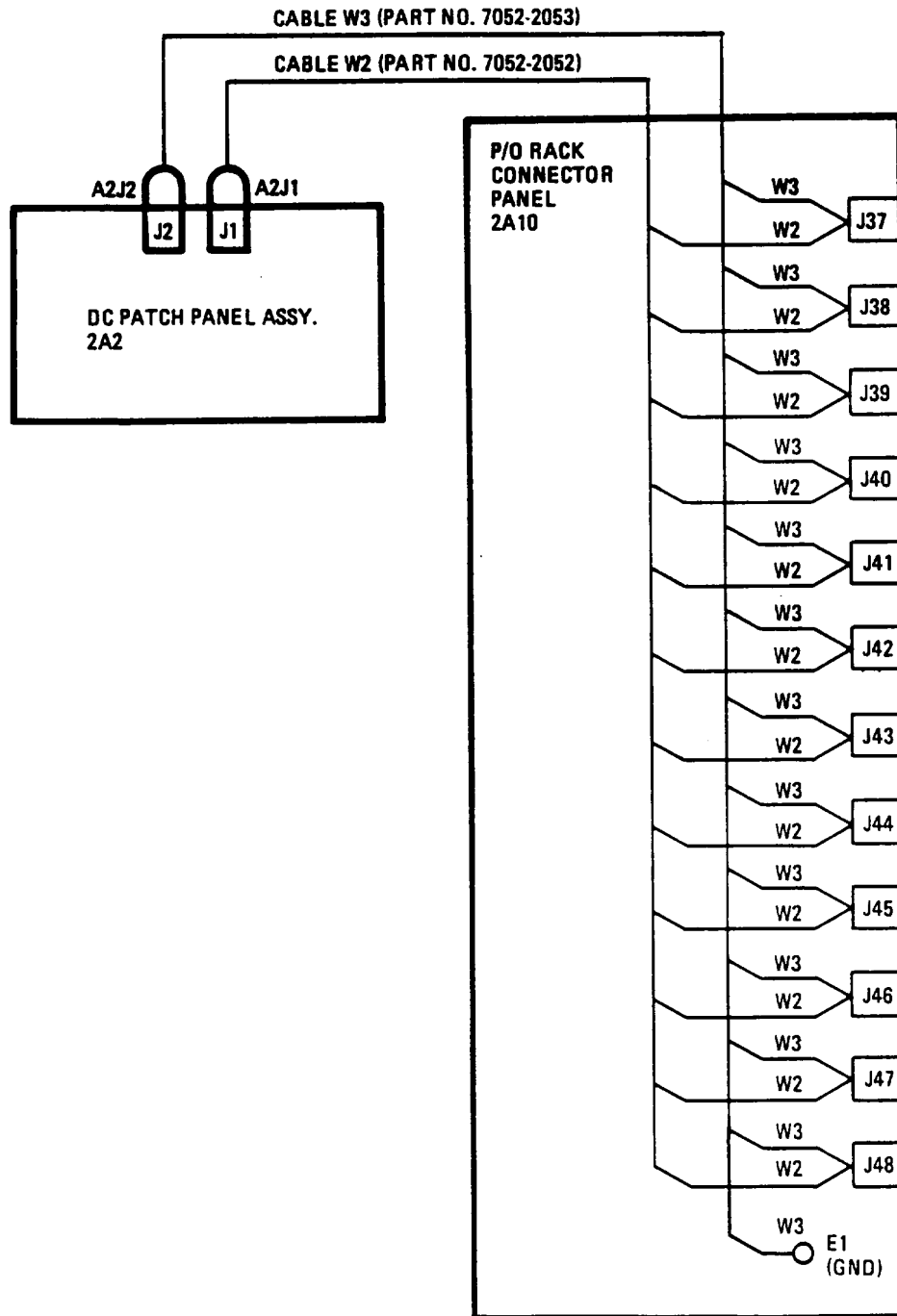


Figure 6-46. Control Interface Group OK-449 (V)/FRC-176(V) RF Equipment Bay Intrarack Cabling Diagram (Bann Site Only) (Sheet 2 of 5)

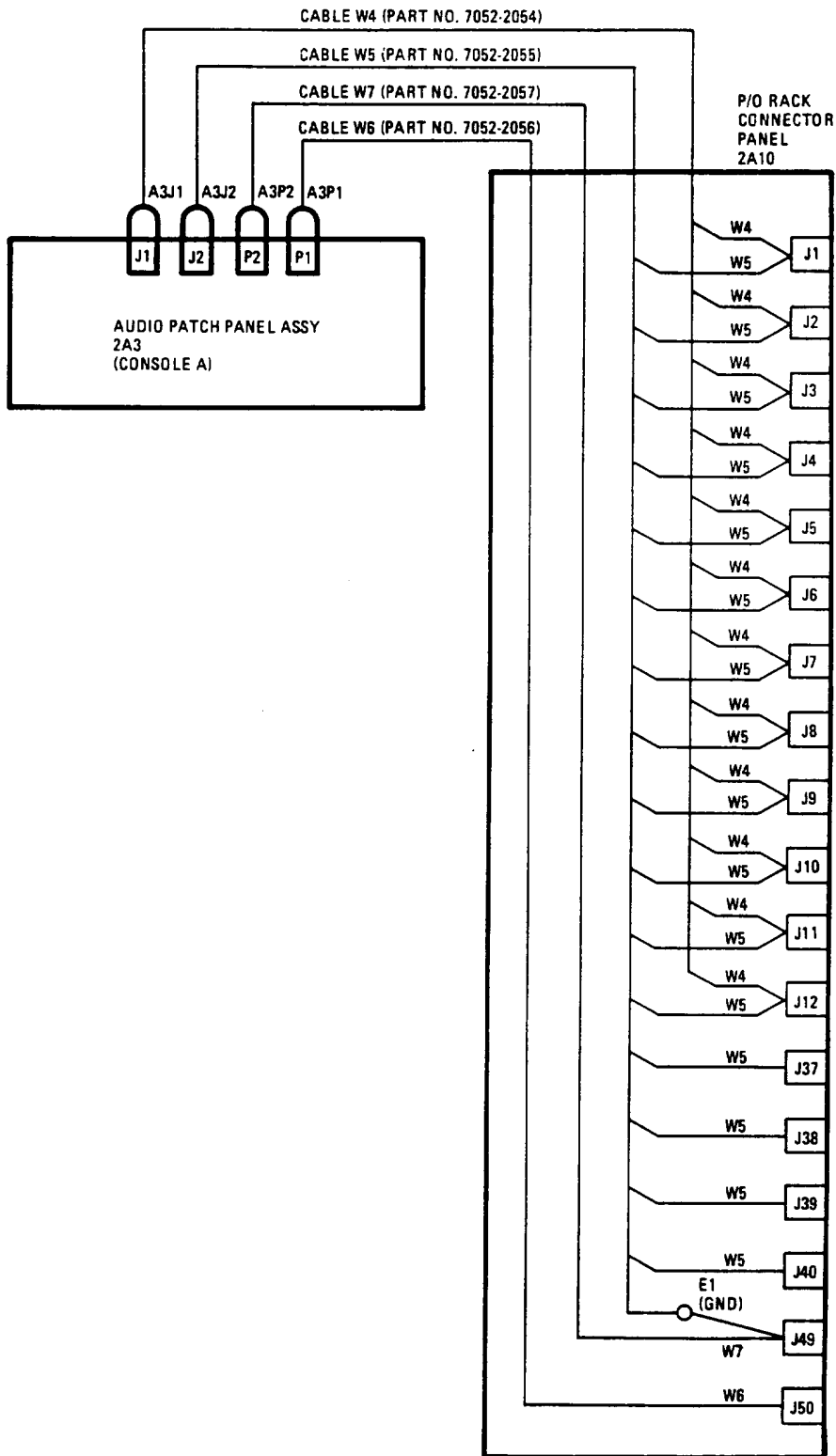


Figure 6-46. Control Interface Group OK-449 (V)/ FRC-176(V) RF Equipment Bay Intrarack Cabling Diagram (Bann Site Only) (Sheet 3 of 5)

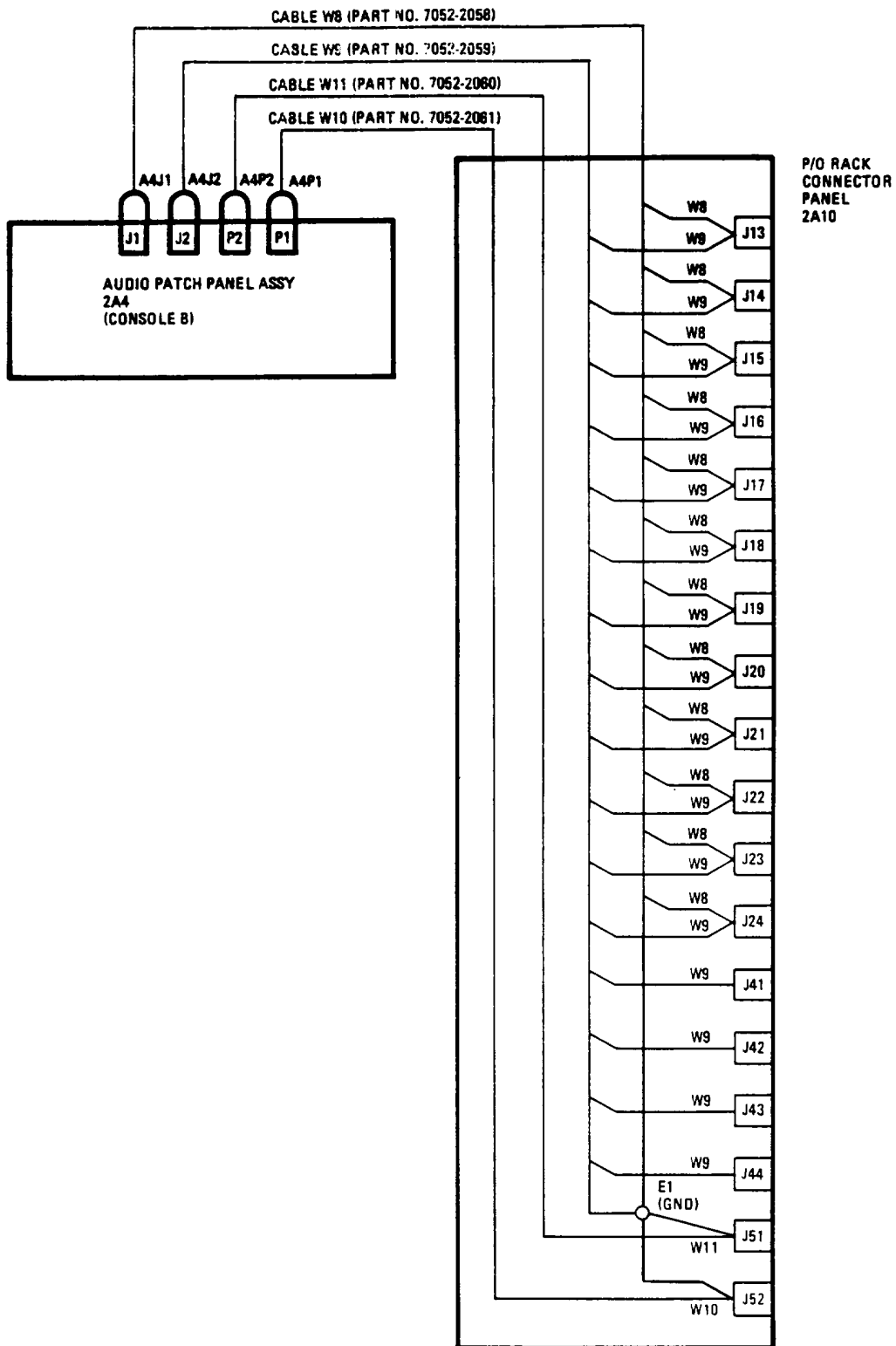


Figure 6-46. Control Interface Group OK-449 (V)/FRC-176(V) RF Equipment Bay Intrarack Cabling Diagram (Bann Site Only) (Sheet 4 of 5)

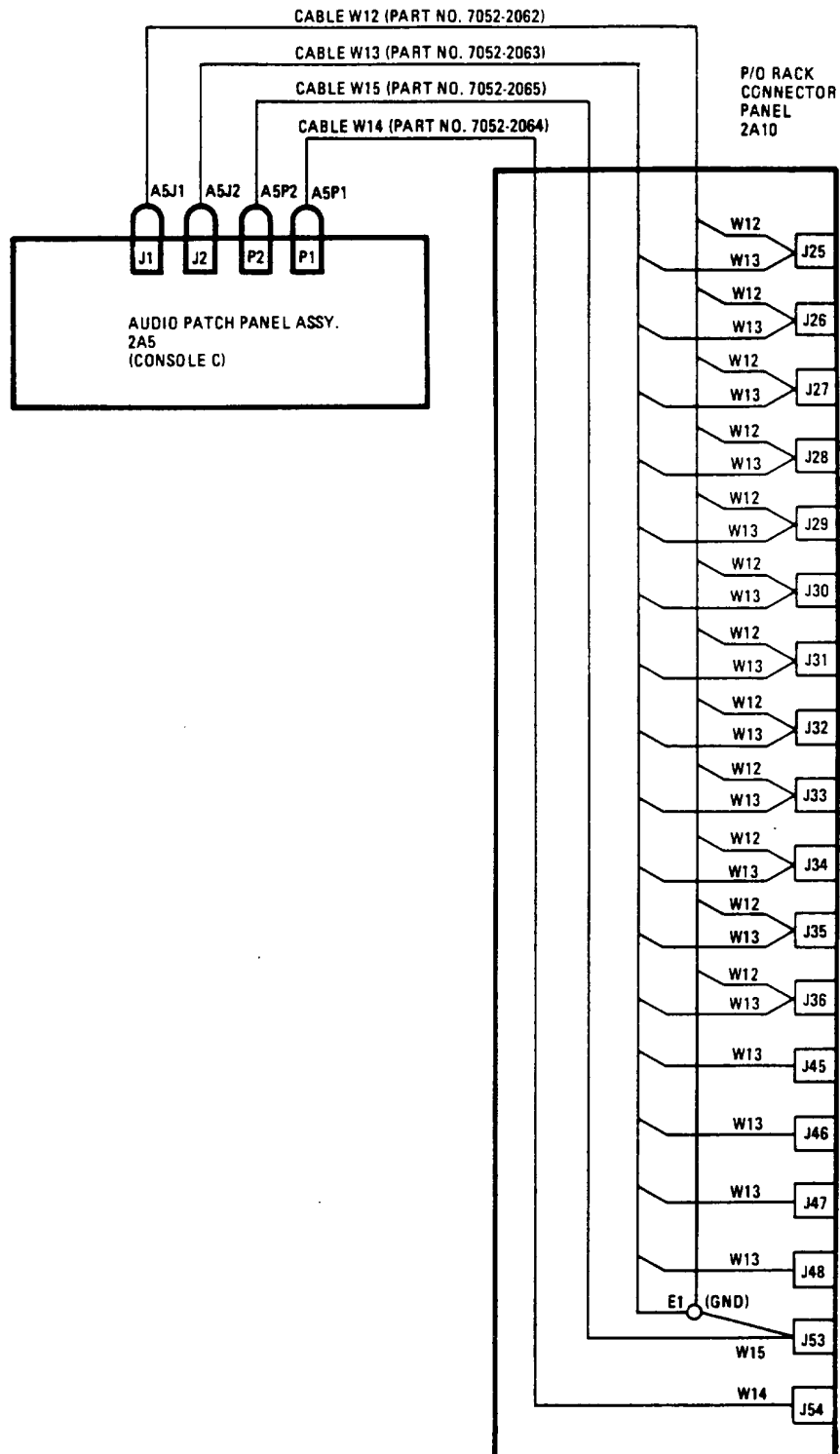


Figure 6-46. Control Interface Group OK-449 (V)/ FRC-176(V) RF Equipment Bay Intrarack Cabling Diagram (Bann Site Only) (Sheet 5 of 5)

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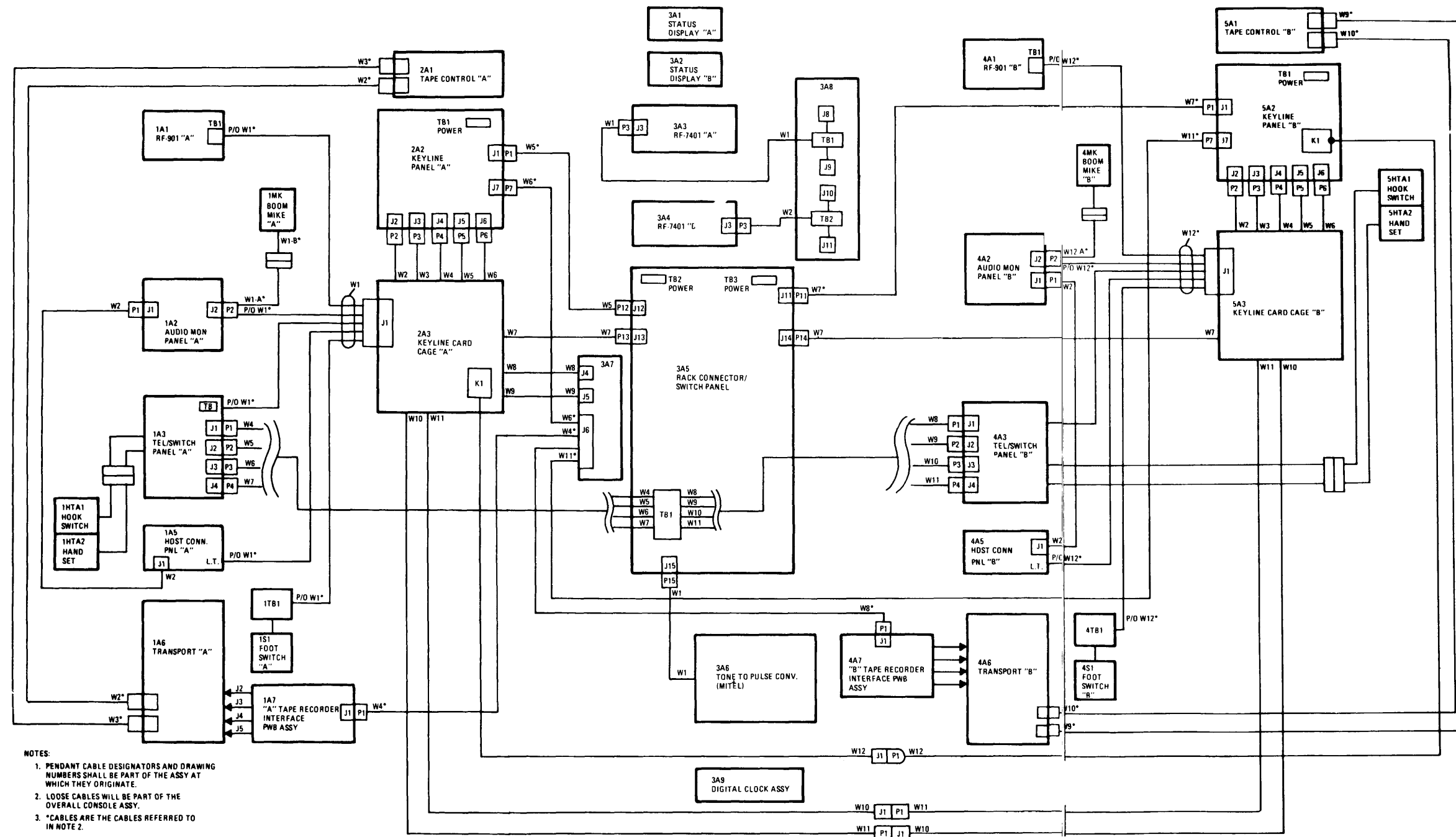


Figure 6-1. Communication Control Console OJ-512/FRC-176(V) Interconnection Diagram

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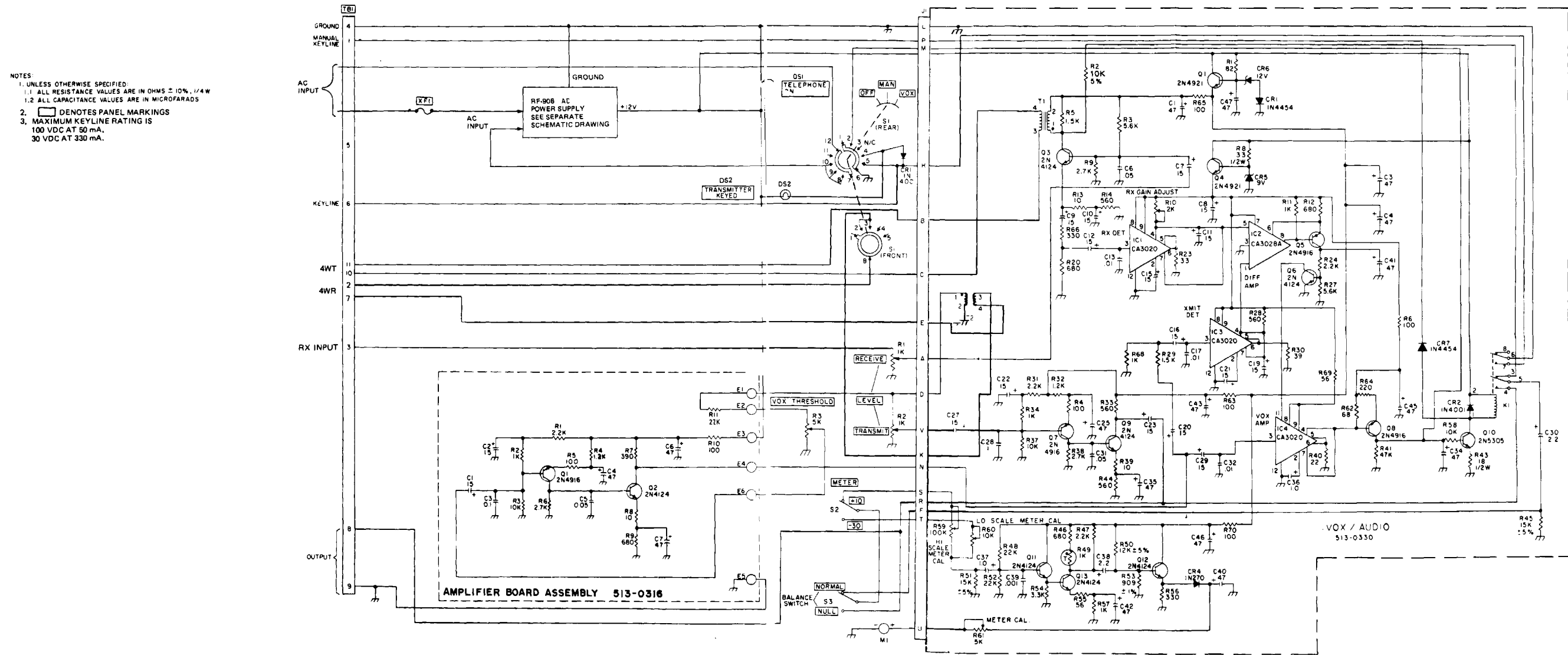


Figure 6-2. RF-901A Phone Patch, 1A1, 4A1 Communication Control Console OJ-512/FRC-176(V), Schematic Diagram.

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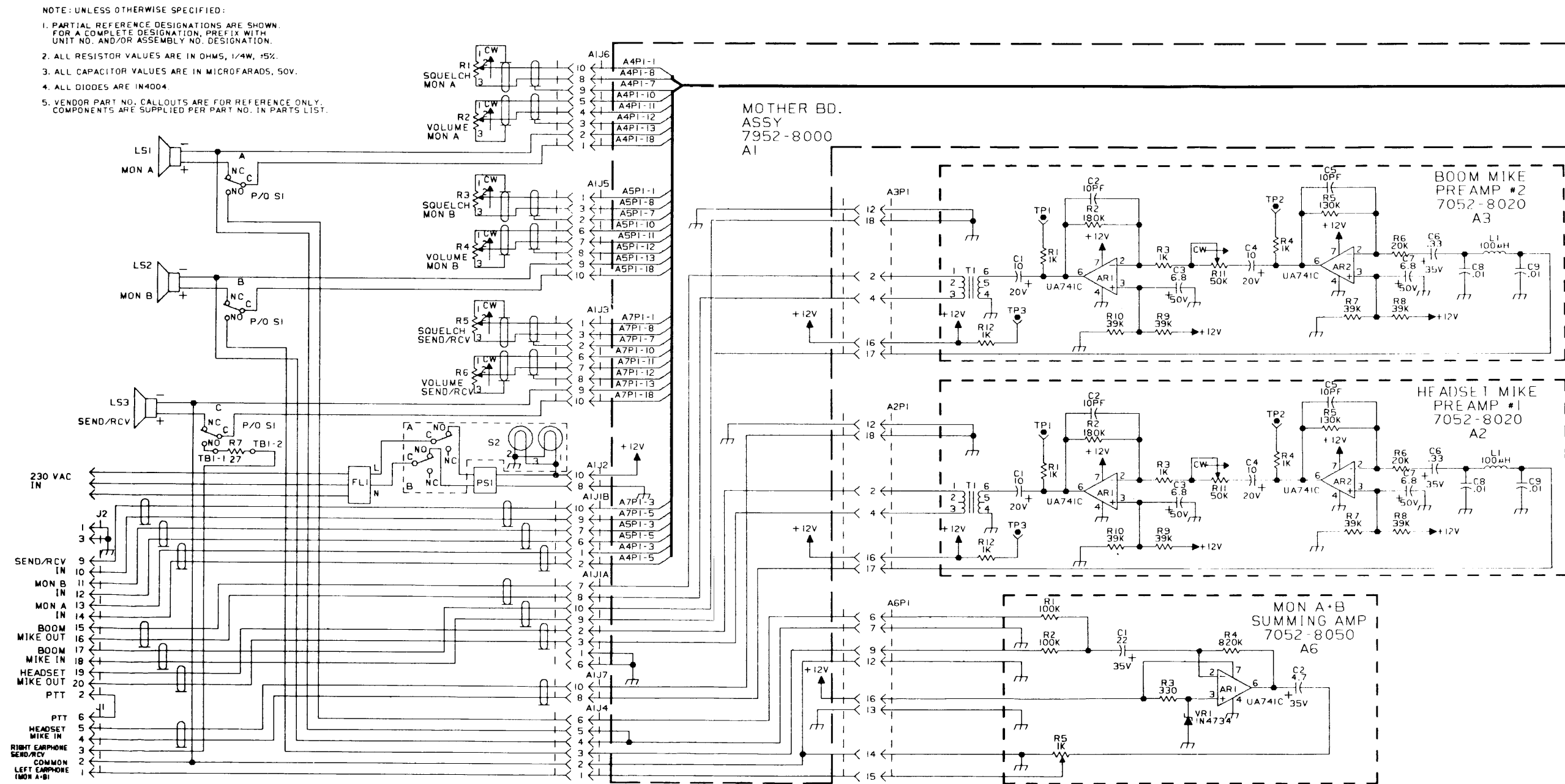


Figure 6-4. Audio Monitor Panel, P/N 7052-1102, 1A2A1 In Communication Control Console OJ-512/FRC-176(V) Schematic Diagram (Sheet 1 of 2)

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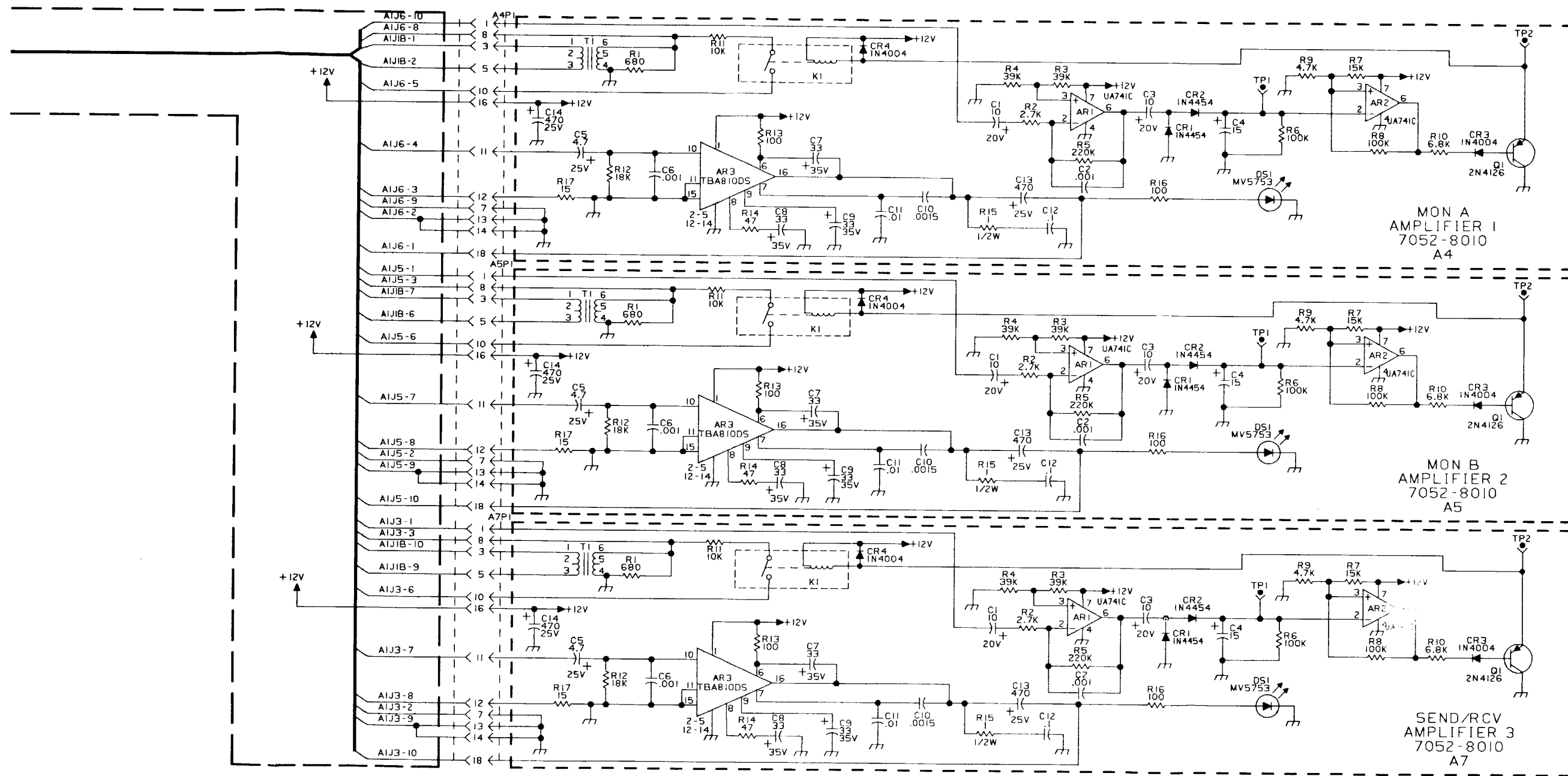


Figure 6-4. Audio Monitor Panel, P/N 7052-1102, 1A2A1, and 4A2A1 In Communication Control Console OJ-512/FRC-176(V), Schematic Diagram (Sheet 2 of 2)

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NOTES – UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE IN OHMS \pm 5%, 1/4W.

2. PREFIX ALL REFERENCE DESIGNATIONS SHOWN WITH

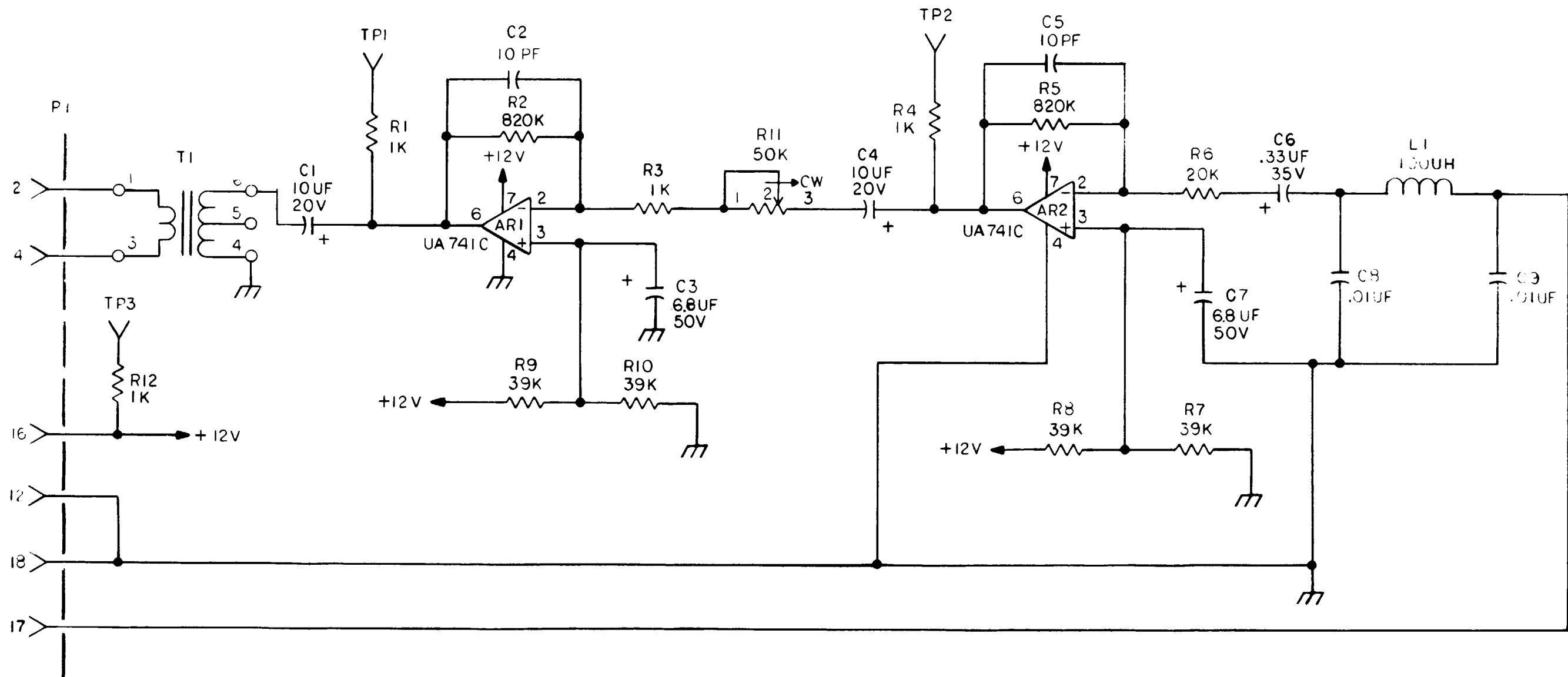
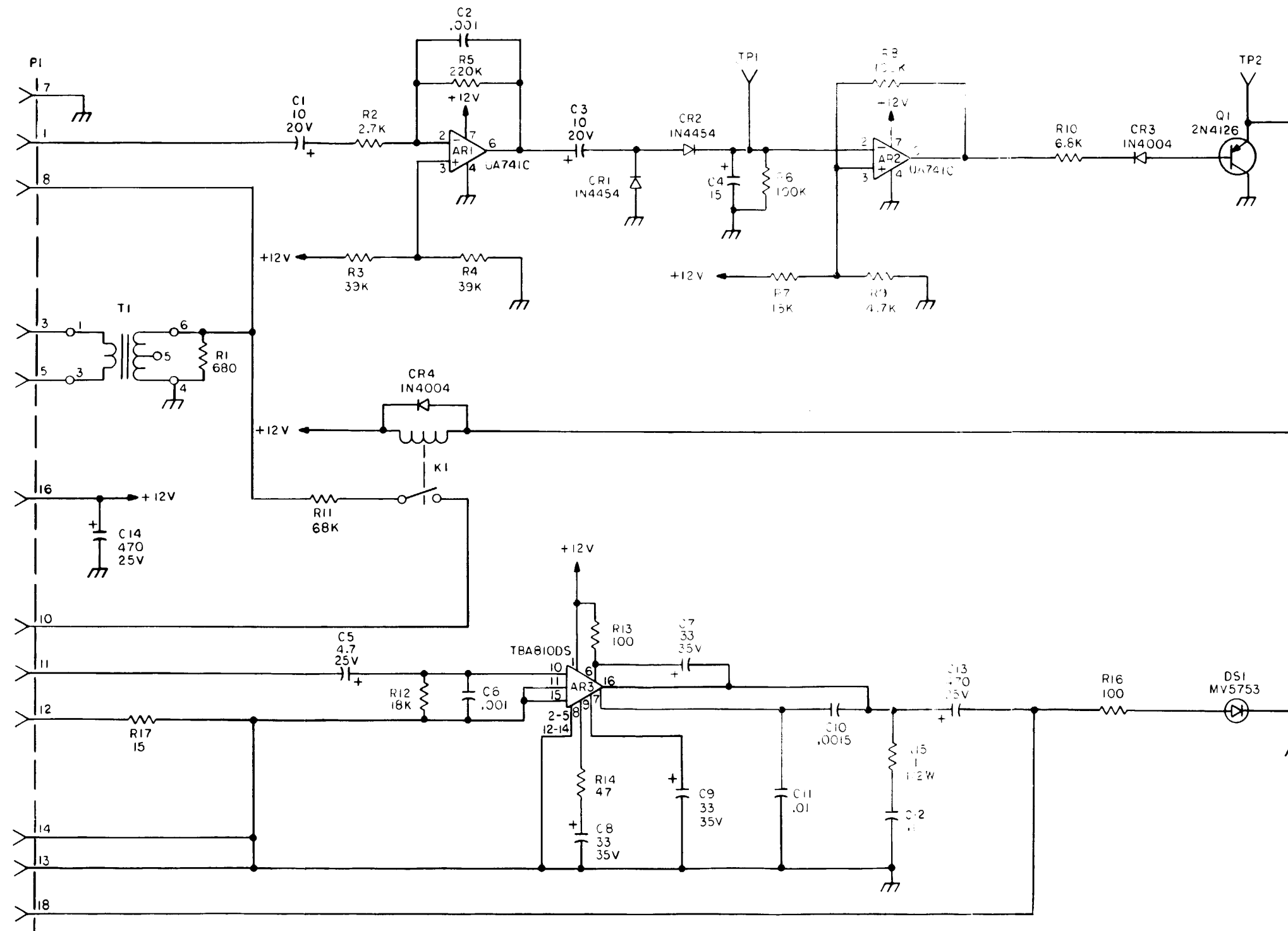


Figure 6-5. Microphone Pre-Amplifier, P/N 7052-8020, 1A2A2A2 and 1A2A2A3, 4A2A2A2 and 4A2A2A3 Communication Control Console OJ-512/FRC-176(V), Schematic Diagram



- NOTES - UNLESS OTHERWISE SPECIFIED:**
1. ALL RESISTORS ARE IN OHMS \pm 5%, 1/4W.
 2. ALL CAPACITORS ARE IN μ f.
 3. PREFIX ALL REFERENCE DESIGNATIONS SHOWN WITH

Figure 6-6. Audio Amplifier PWB Assembly, P/N 7052-8010, 1A2A2A4, 1A2A2A5, 1A2A2A7, 4A2A2A4, 4A2A2A5, 4A2A2A7 In Communication Control Console OJ-512/FRC-176(V), Schematic Diagram

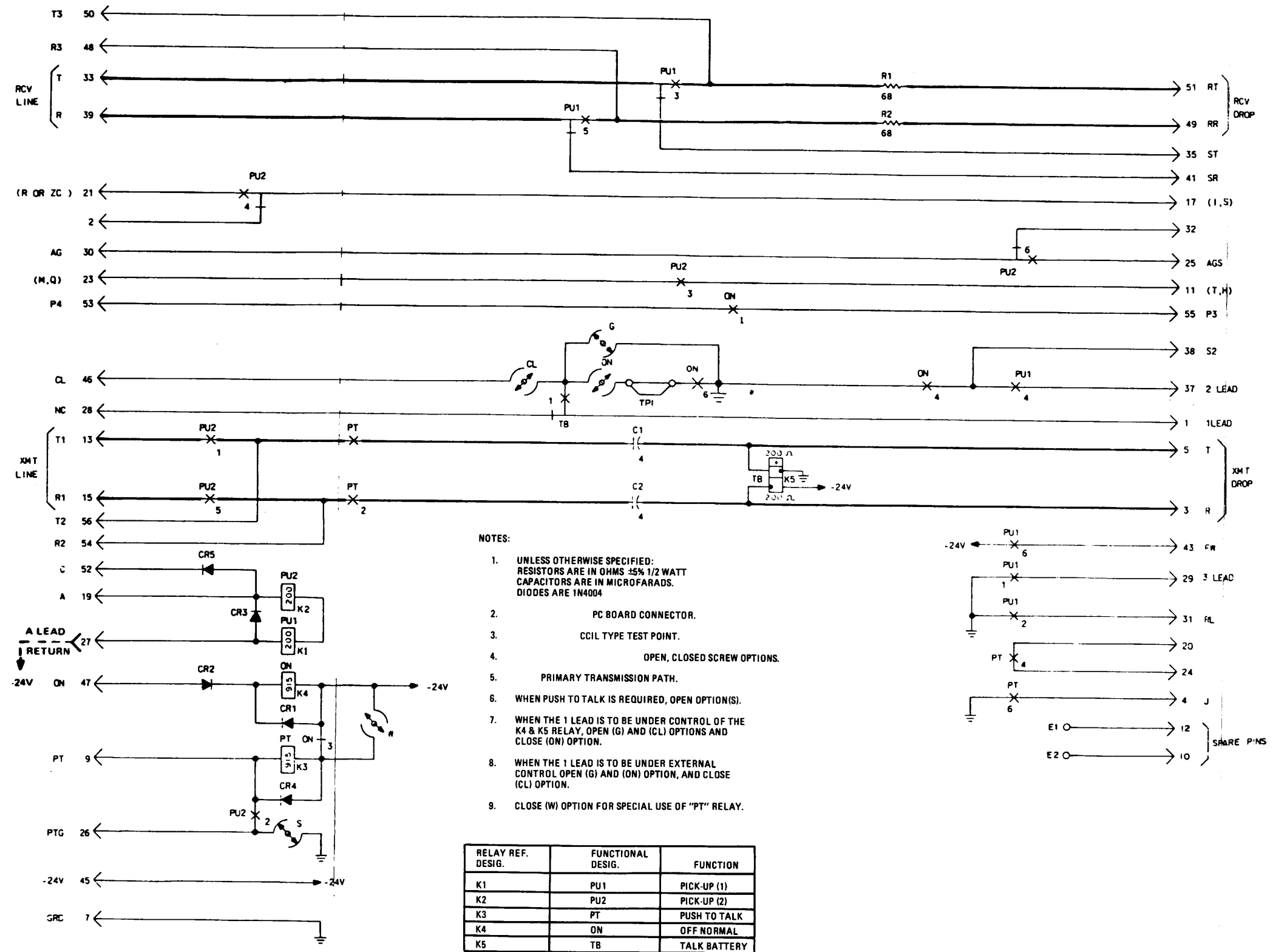


Figure 6-7. Summing Amplifier Assembly, P/N 7050-8050, 1A2A2A6 and 4A2A2A6 Communication Control Console OJ-512/FRC-176 (V) Schematic Diagram

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PAGE #6-23

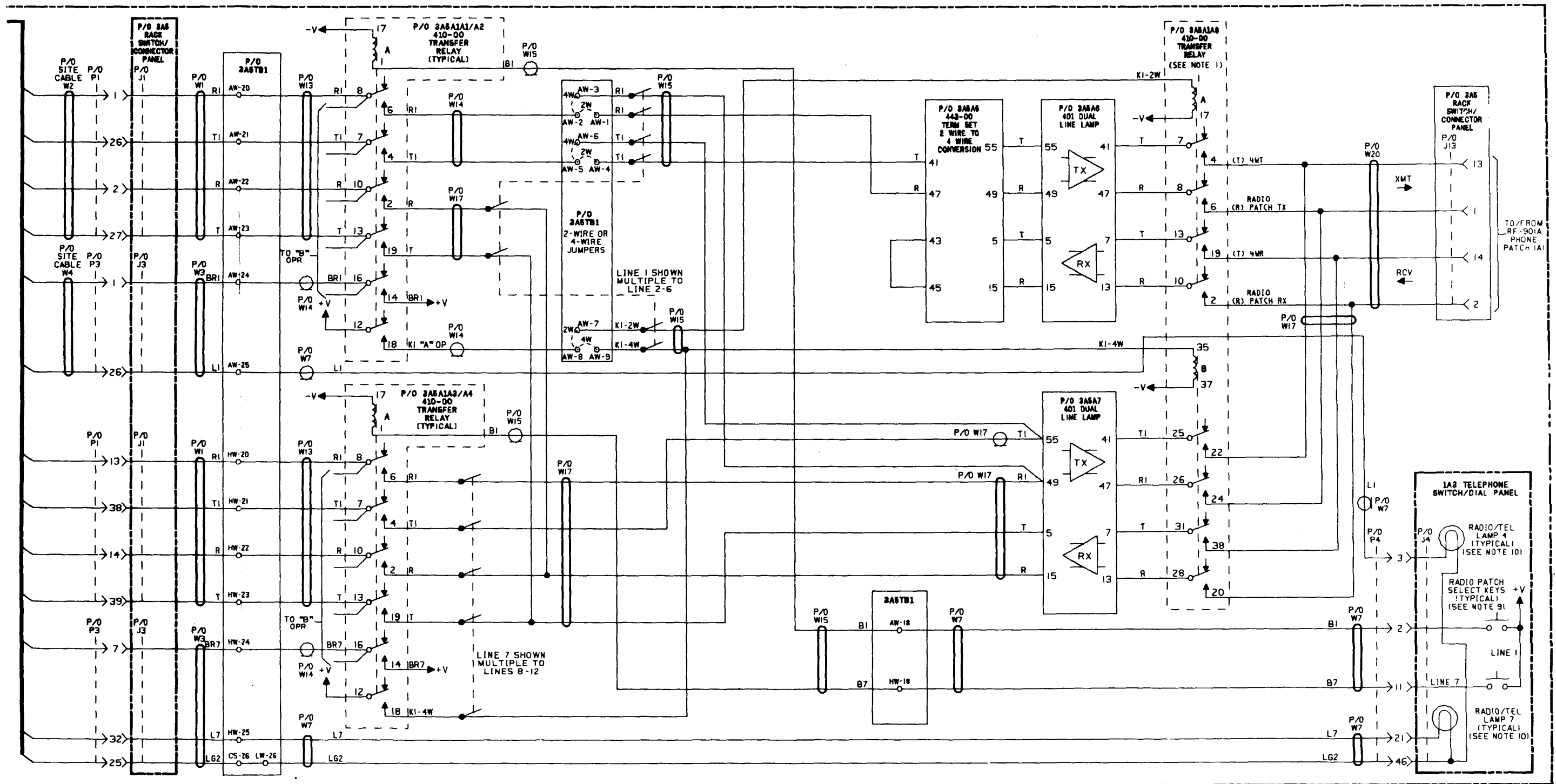


Figure 6-9. Communication Control Console OJ-512/FRC-176 (V) and Control Interface Group OK-449 (V)/FRC-176 (V) Telephone Interconnection Diagram (Sheet 3 of 3)

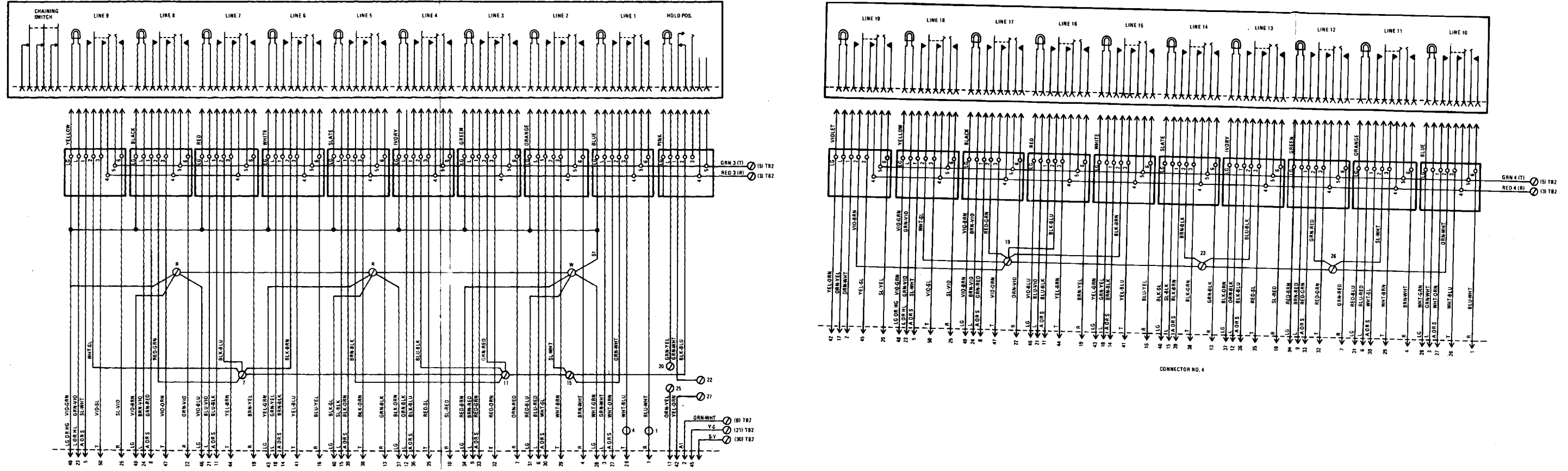


Figure 6-10. Telephone Switch/Dial Panel, P/N 7052-0020, 1A3 and 4A3 In Communication Control Console OJ-512/FRC-176(V), Schematic Diagram (Sheet 2 of 2)

6-33/6-34 blank

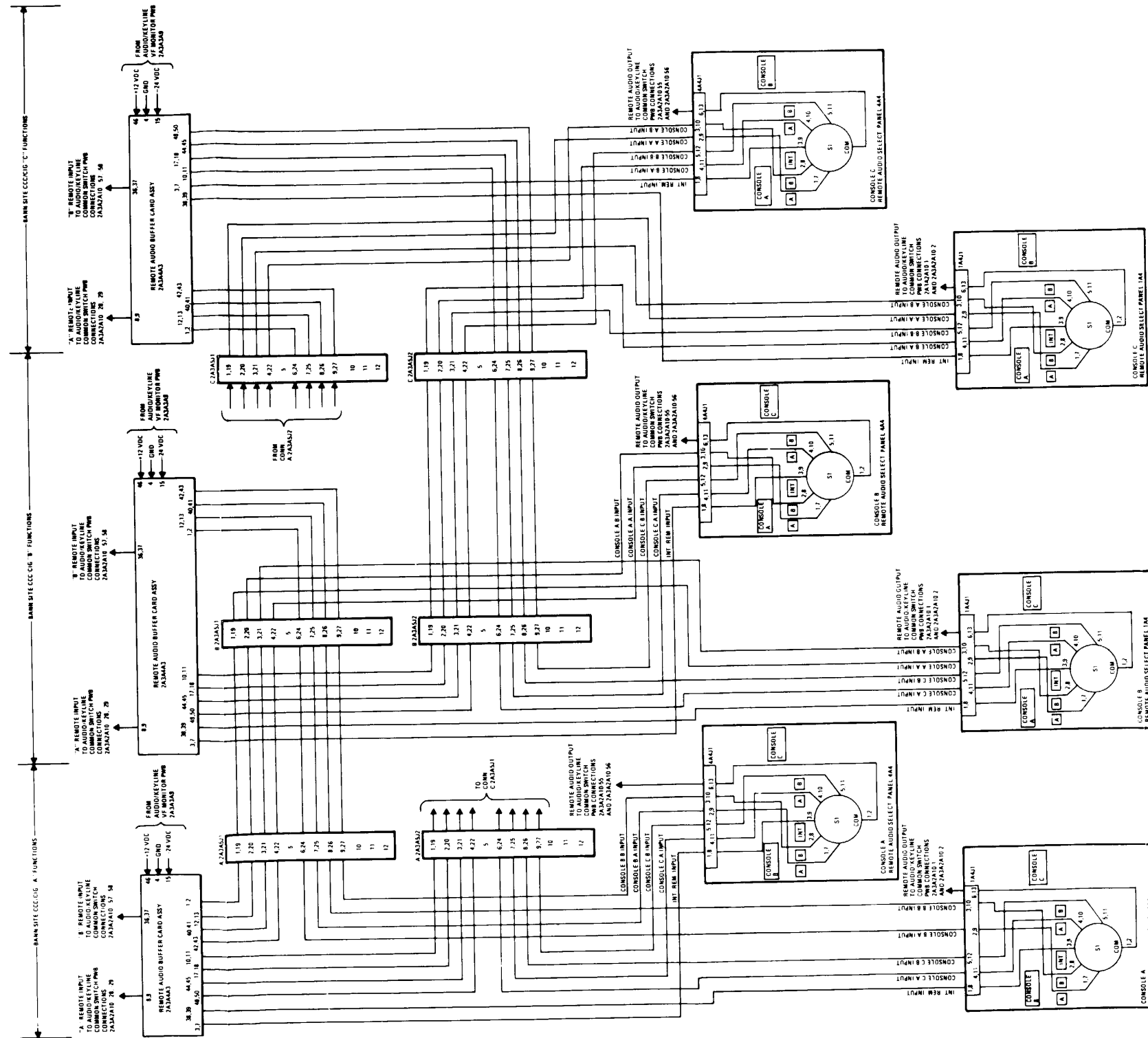


Figure 6-11. CCC/CIG Remote Audio Select Panel, Connector, and Remote Audio Buffer Card Interconnecting Wiring Diagram (Bann Site Only)

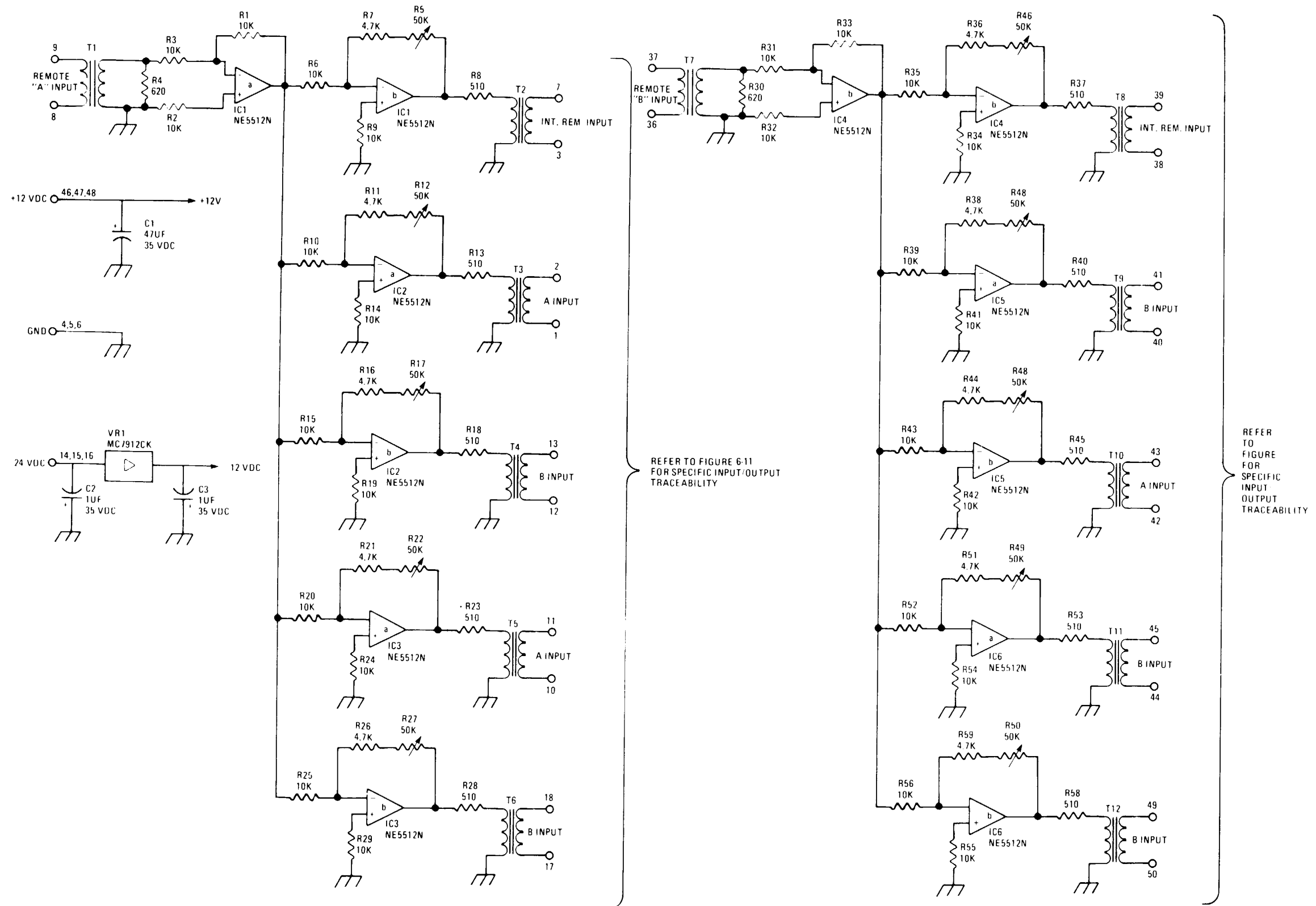


Figure 6-12. CIG Remote Audio Buffer Card 2A3A4A3 Schematic Diagram (Bann Site Only)

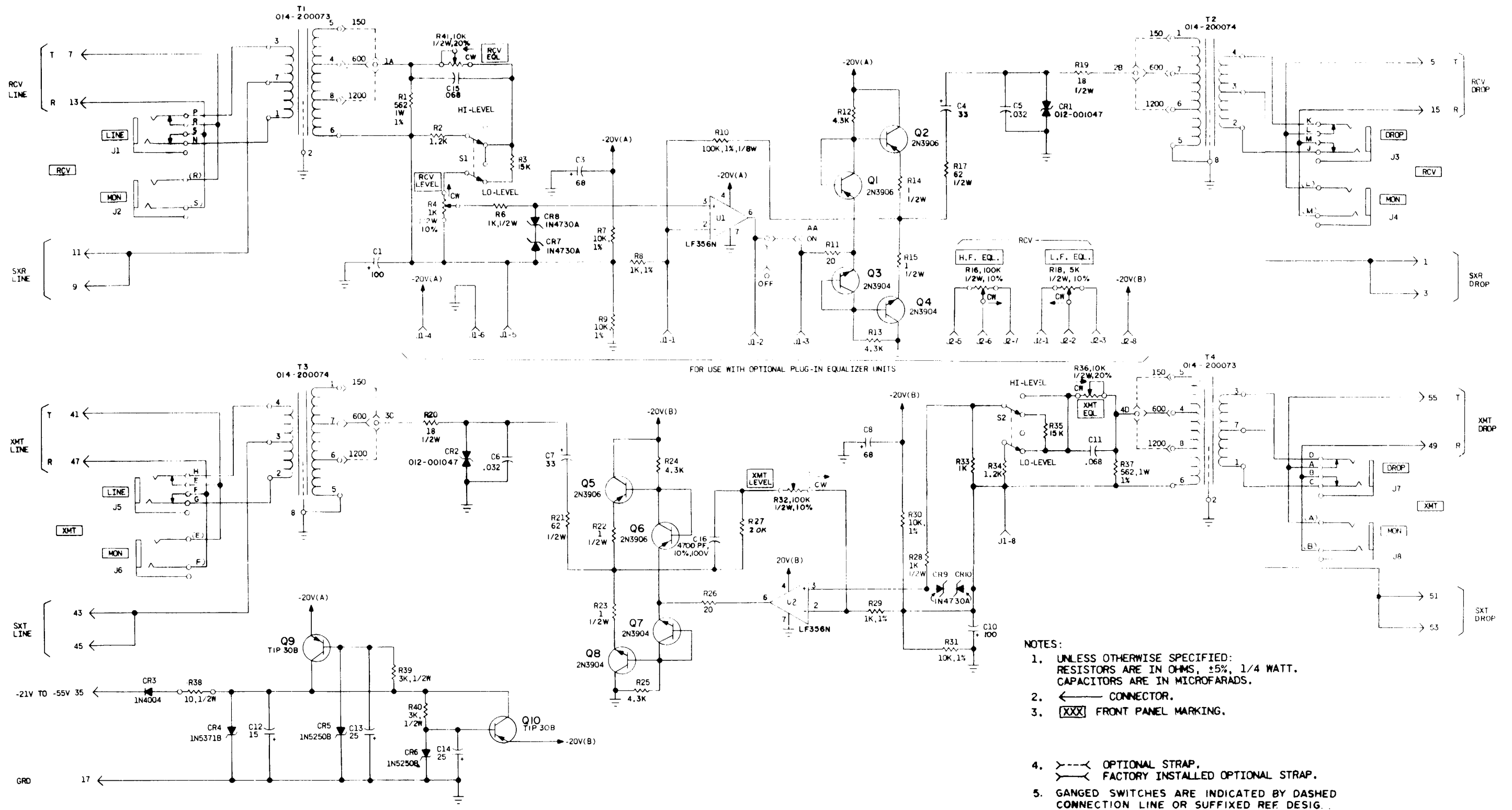
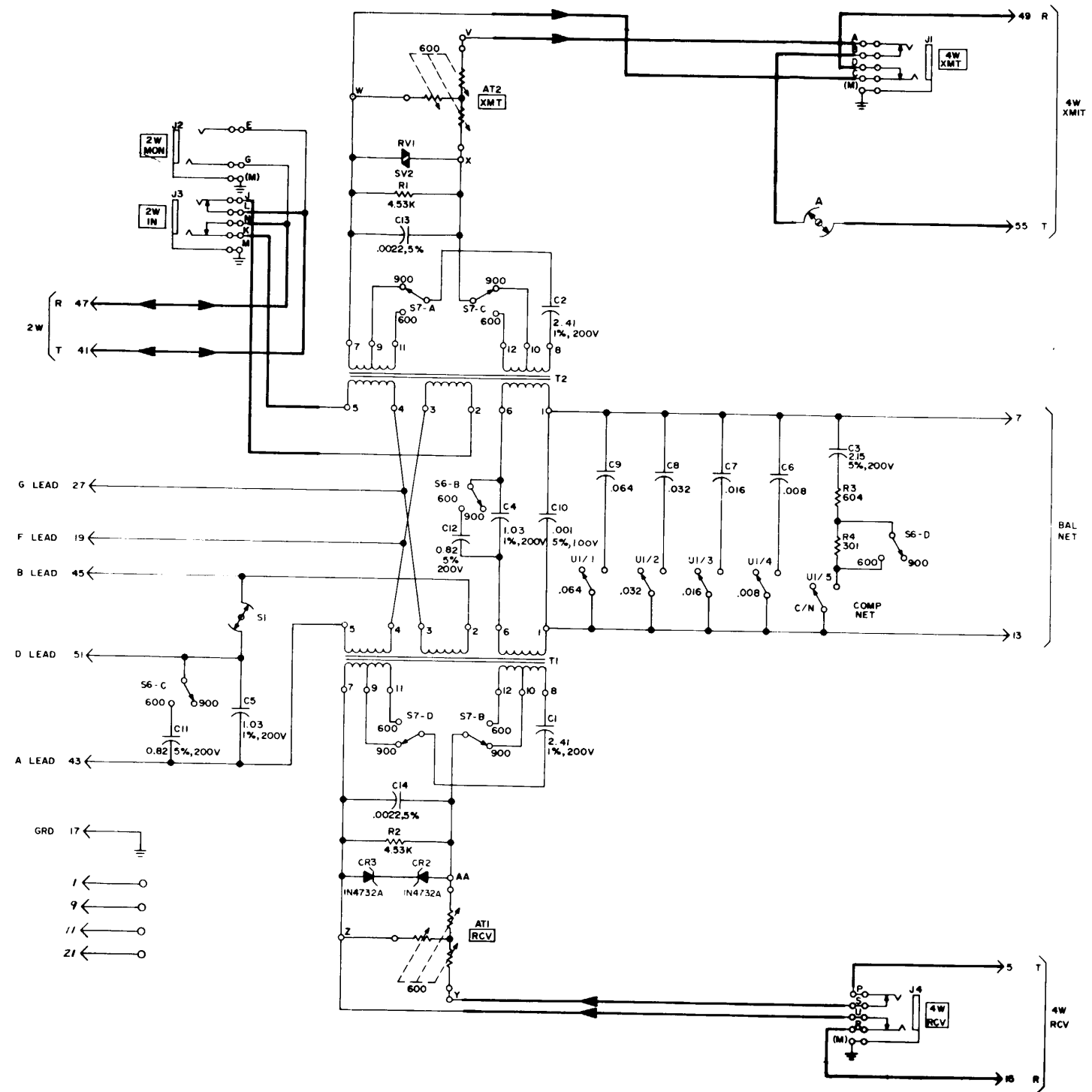


Figure 6-13. Dual Line Amplifier, P/N 401, 3A5A1A6, 3A5A1A7, 3A5A1A9, 3A5A2A6, 3A5A2A7, 3A5A2A9, In Communication Control Console OJ-512/FRC-176 (V) Schematic Diagram



- NOTES:
1. UNLESS OTHERWISE SPECIFIED RESISTORS ARE IN OHMS: 1%, 1/2W. CAPACITORS ARE IN MICROFARADS, 10%, 100V.
 2. ← PC BOARD CONNECTOR.
 3. — PRIMARY TRANSMISSION PATH
 4. → SIGNAL FLOW DIRECTION.
 5. ⚙️ CLOSE, OPEN SCREW OPTION.
 6. [XXX] FRONT PANEL DESIGNATION.
 7. OPTION "A" MUST BE CLOSED.
 8. C11 AND C12 ARE SUPPLIER MATCH TO 1%.
 9. FOR 600Ω, TWO WIRE IMPEDANCE, SWITCH S6 AND S7 TO 600Ω POSITION.
 10. FOR 900Ω, TWO WIRE IMPEDANCE, SWITCH S6 AND S7 TO 900Ω POSITION.
 11. S1 IS NORMALLY CLOSED UNLESS THE ASSOCIATED TRUNK IS EQUIPPED WITH THE CAPACITOR.

Figure 6-14. Term Set, P/N 443-00, 3A5A1A5, 3A5A2A5, In Communication Control Console OJ-512/FRC-176 (V), Schematic Diagram

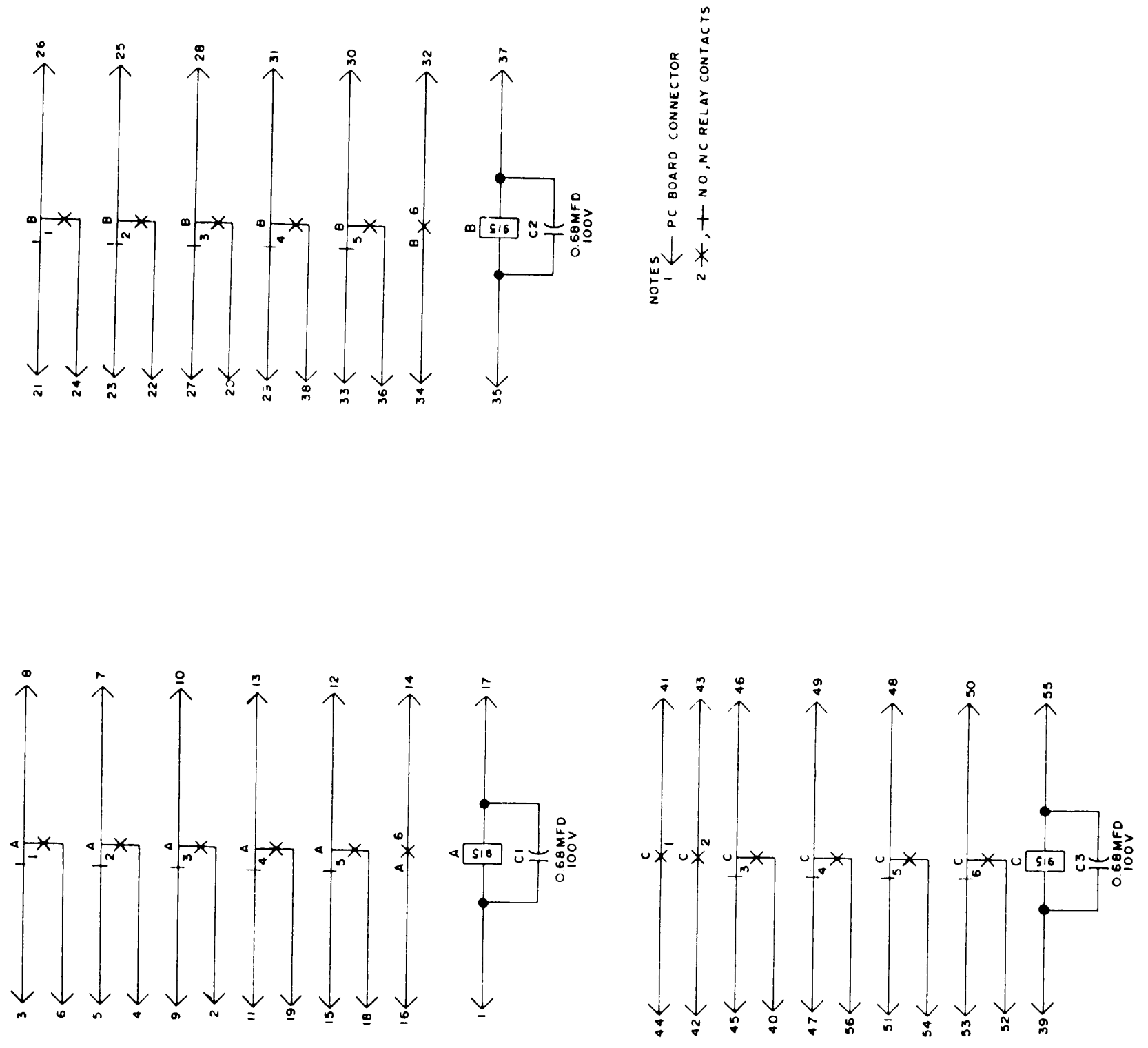


Figure 6-15. Transfer Relay Module, P/N 410-00, 3A5A1A1, thru 3A5A1A4, 3A5A1A8, 3A5A2A1, thru 3A5A2A4, 3A5A2A8 in Communication Control Console OJ-512/FRC-176 (V), 1A2A6 and 1A2A7, 1A3A7 thru 1A3A10 in Control Interface Group OK-449 (V)/FRC-176 (V), Schematic Diagram

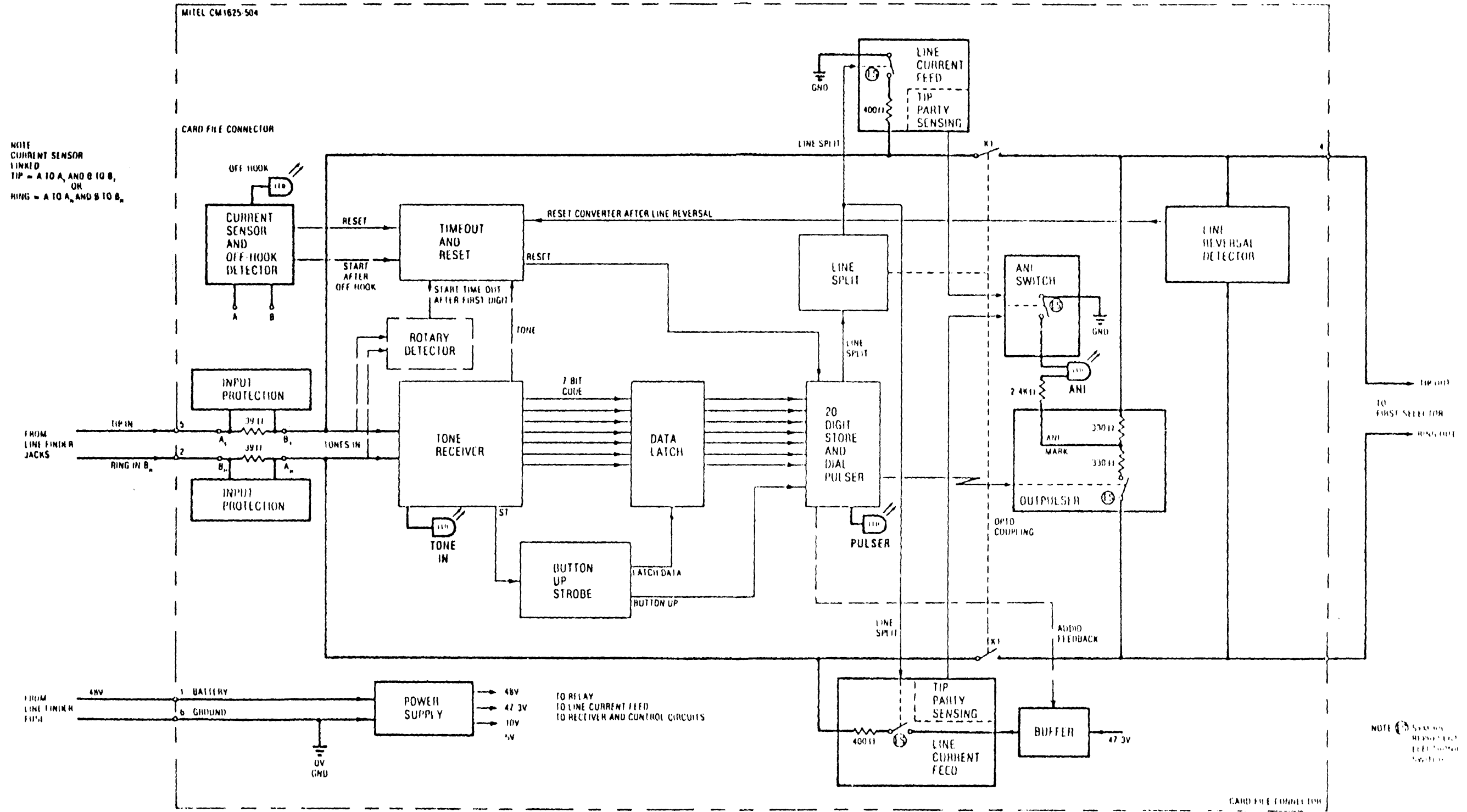


Figure 6-16. Tone-To-Pulse Converter, P/N CM1625-504-701, 3A6A1 and 3A6A2 in Communication Control Console OJ-512/FRC-176 (V), Schematic Diagram

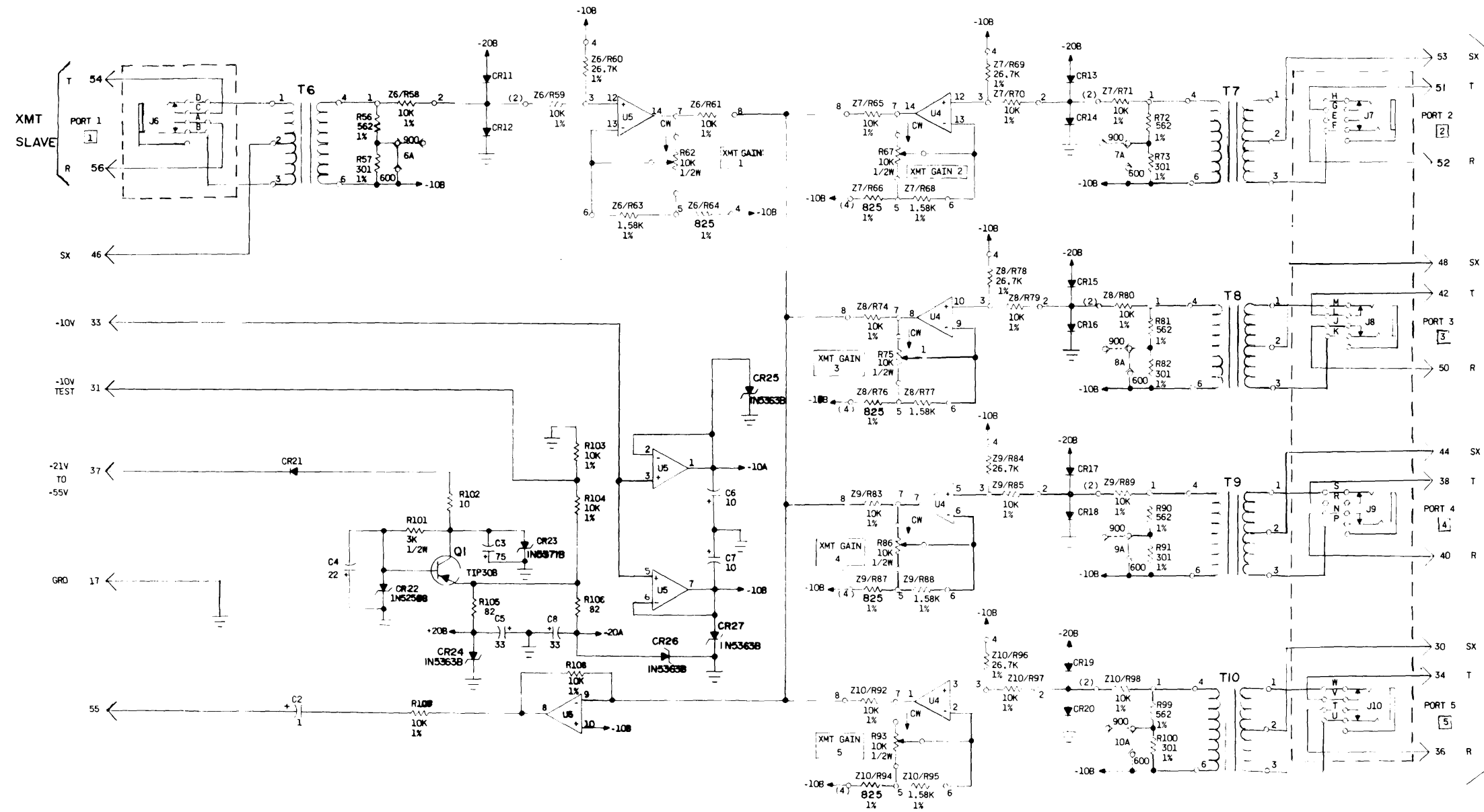


Figure 6-17. 4 Line Termination Module, P/N 402-00, 3A5A1A10 and 3A5A2A10, In Communication Control Console OJ-512/FRC-176 (V), Schematic Diagram.

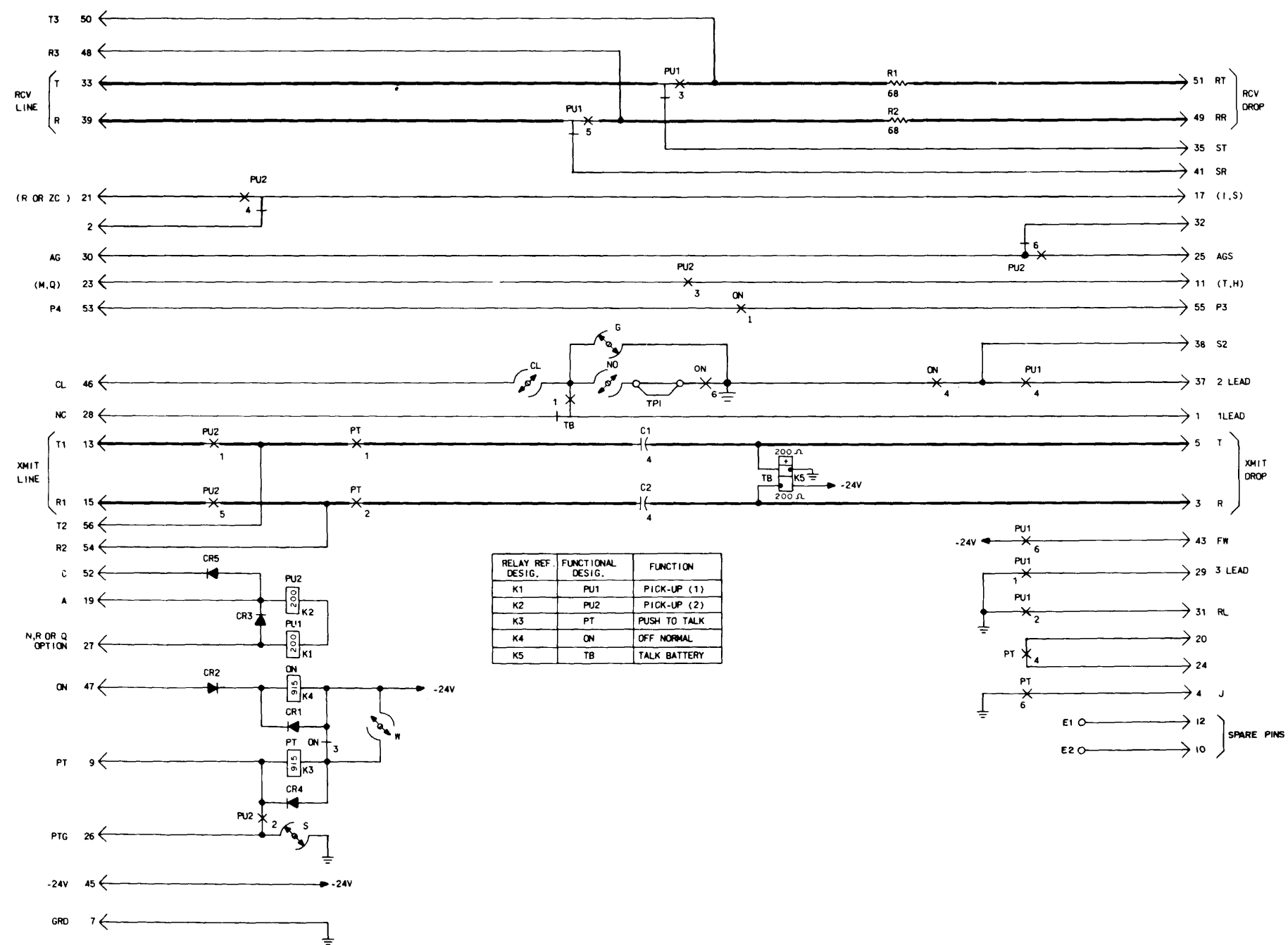


Figure 6-18. Combination Pickup Relay and Station Circuit, P/N 405-00, 3A5A1A11 and 3A5A2A11 in Communication Control Console OJ-512/FRC 176 (V), Schematic Diagram

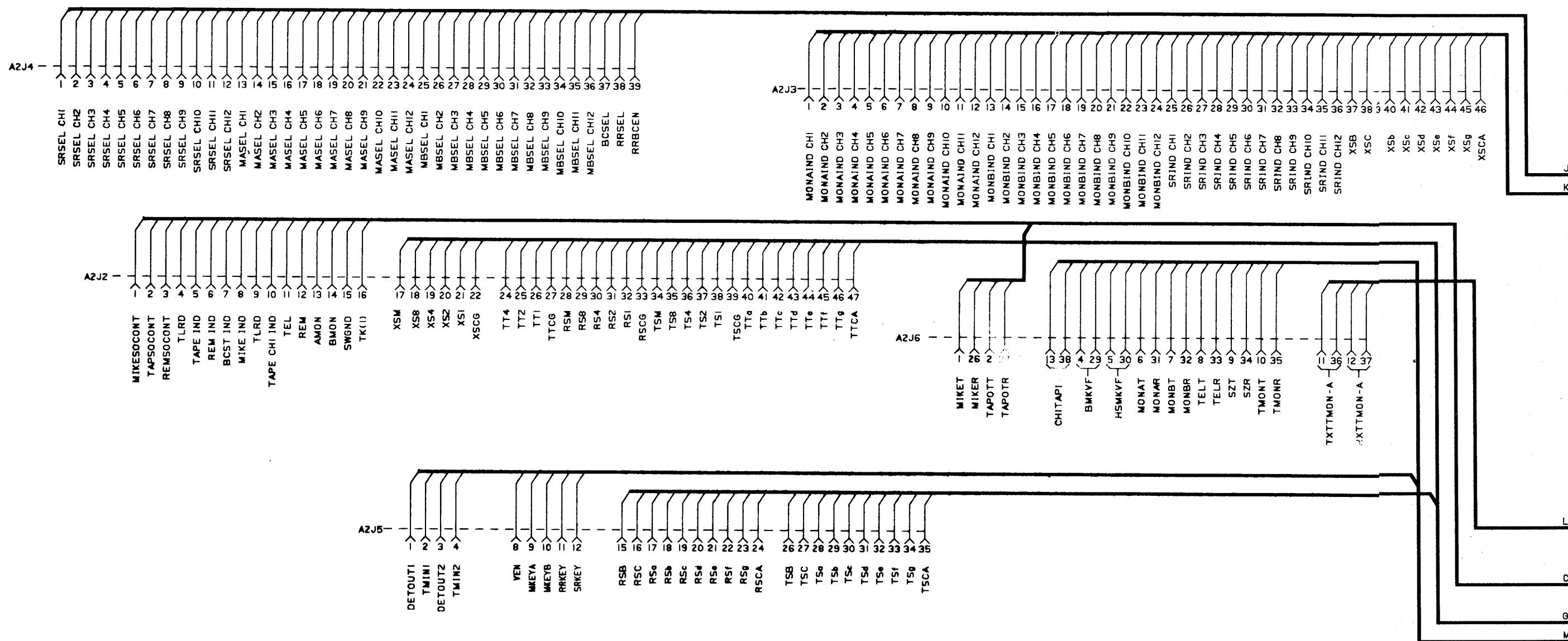


Figure 6-19. Audio/Keyline Switch Panel, P/N 7052-1200, 2A2 and 5A2 Communication Control Console OJ-512/FRC-176 (V), Schematic Diagram (Sheet 1 of 3)

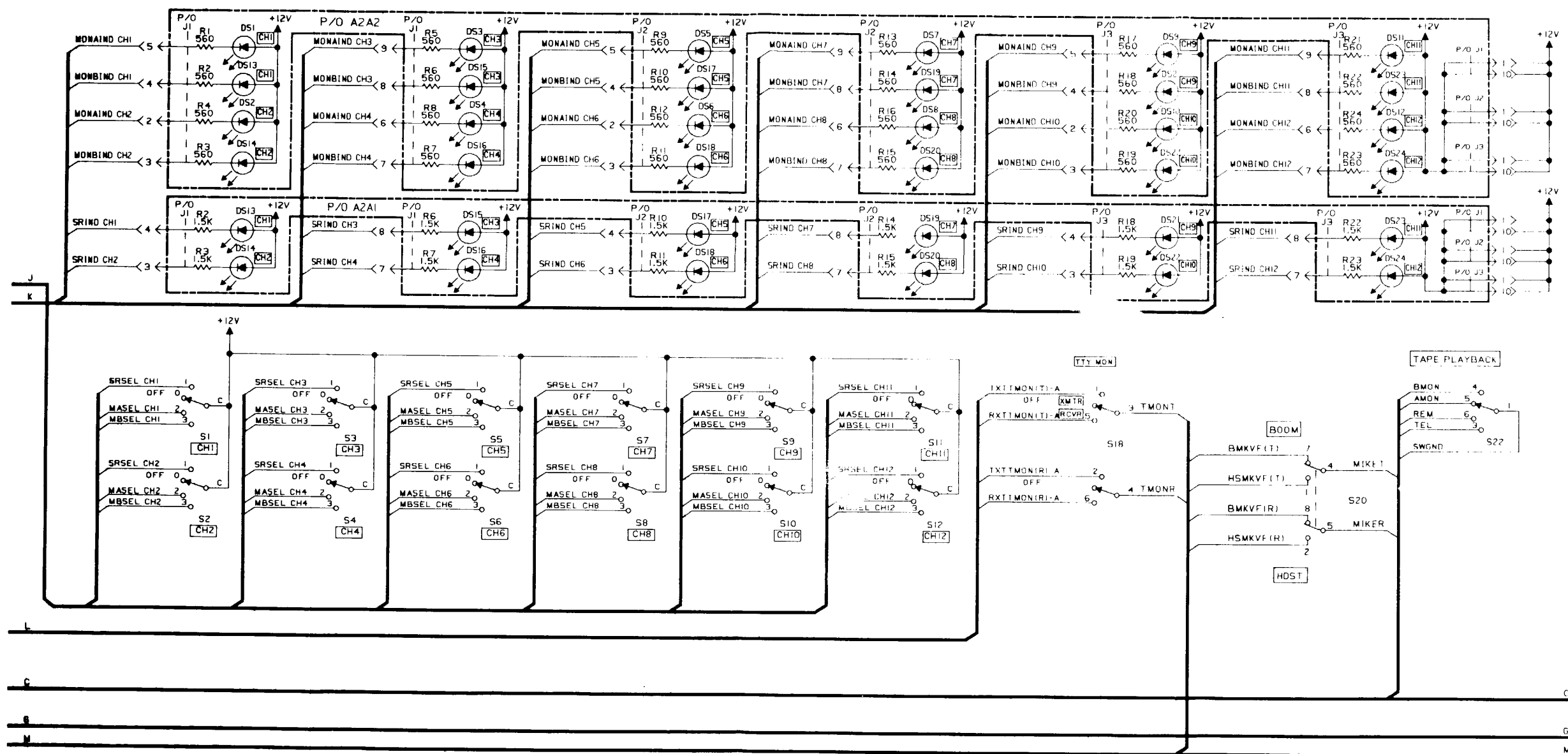


Figure 6-19. Audio/Keyline Switch panel, P/N 7052-1200, 2A2 and 5A2 Communication Control Console OJ-512/FRC-176 (V), Schematic Diagram (Sheet 2 of 3)

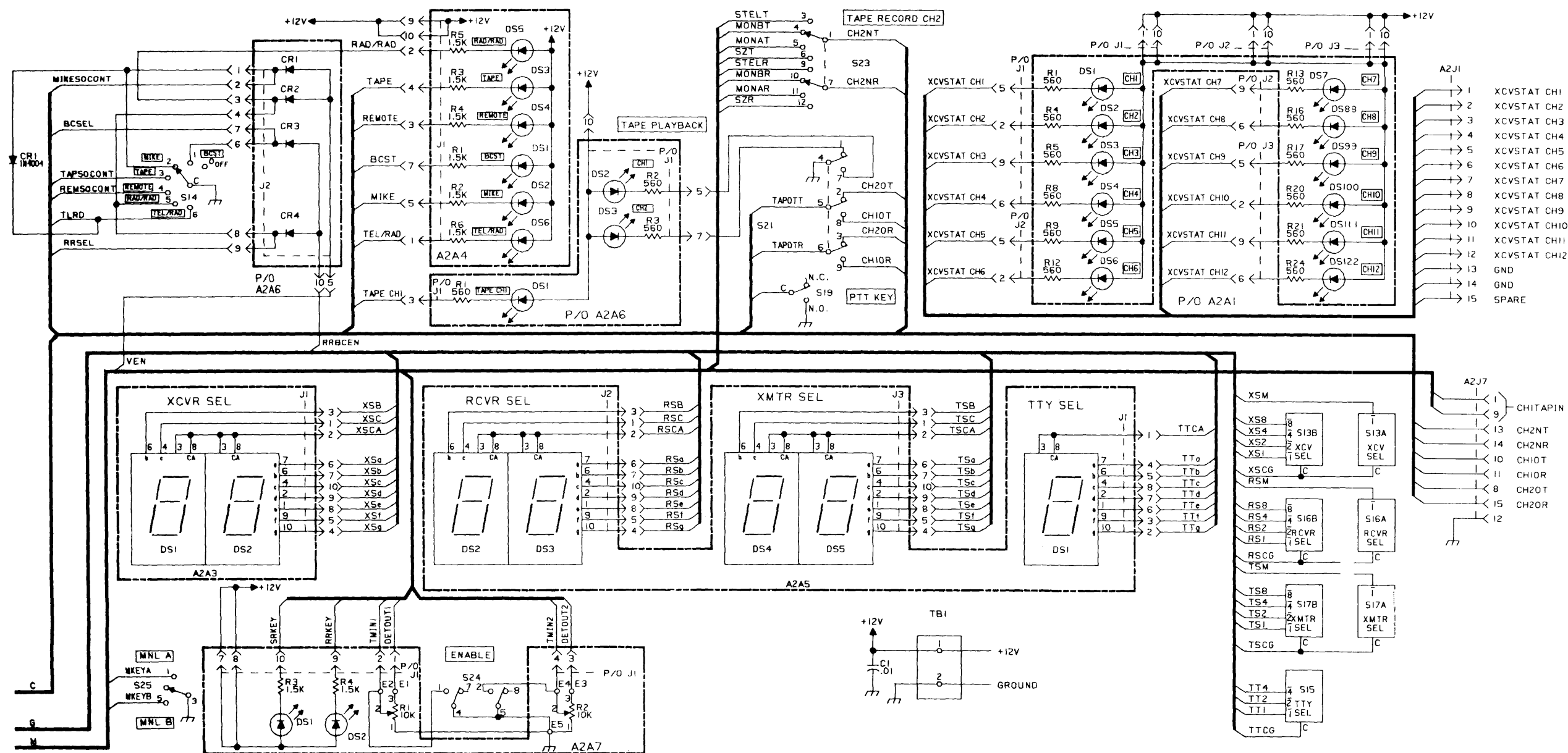


Figure 6-19. Audio/Keyline Switch panel, P/N 7052-1200, 2A2 and 5A2 Communication Control Console OJ-512/FRC-176 (V), Schematic Diagram (Sheet 3 of 3)

- NOTES:
 1. PREFIX ALL REFERENCE DESIGNATORS WITH 2A3
 2. STANDARD ABBREVIATION: N.C. = NO CONNECTION
 P/O = PART OF

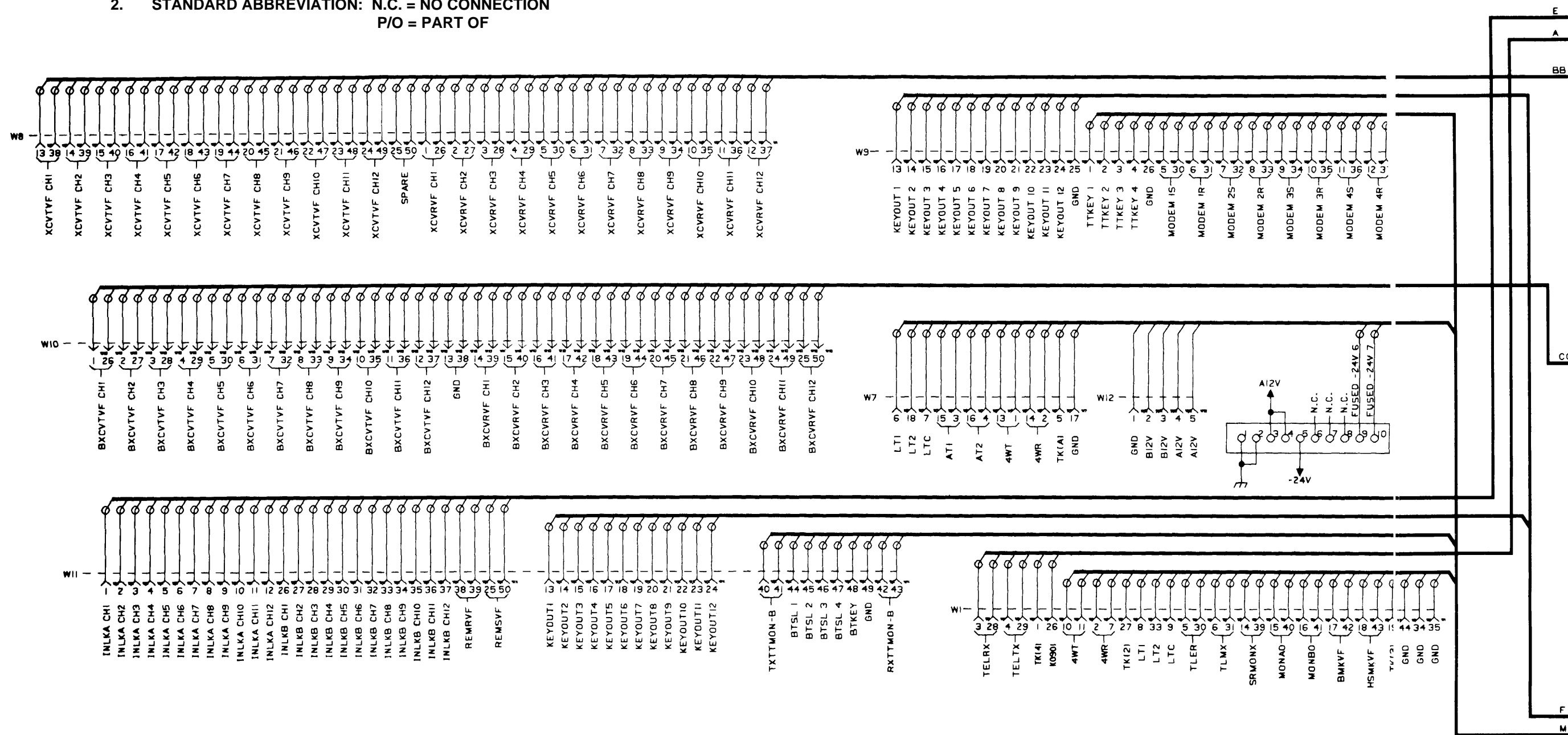


Figure 6-20. Audio/Keyline Card Cage Assembly A, P/N 7052-1610, 2A3 and 5A3 Communication Control Console OJ-512/FRC-176 (V), Schematic Diagram (Sheet 1 of 7)

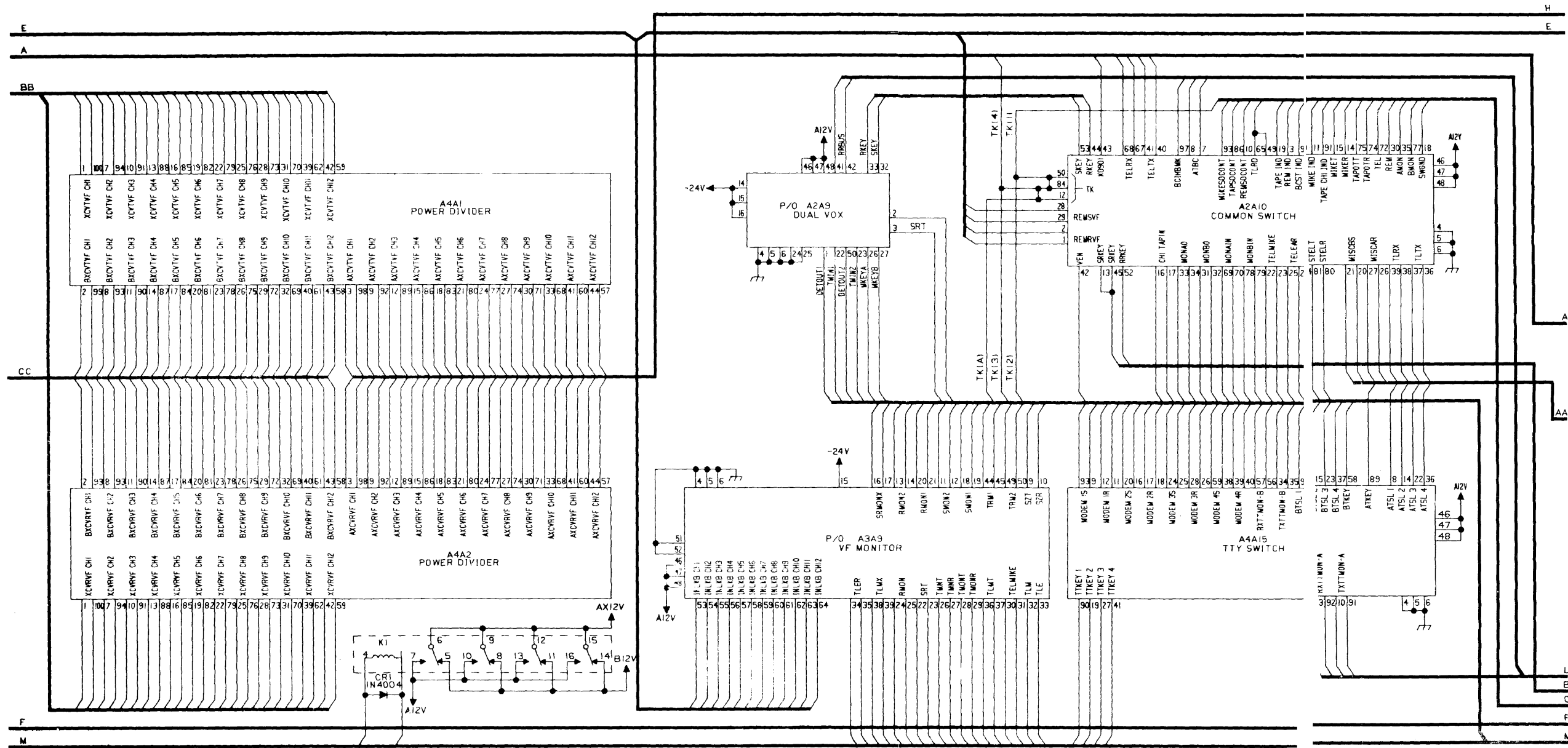


Figure 6-20. Audio/Keyline Card Cage Assembly A, P/N 7052-1610, 2A3 and 5A3 Communication Control Console OJ-512/FRC-176 (V), Schematic Diagram (Sheet 2 of 7)

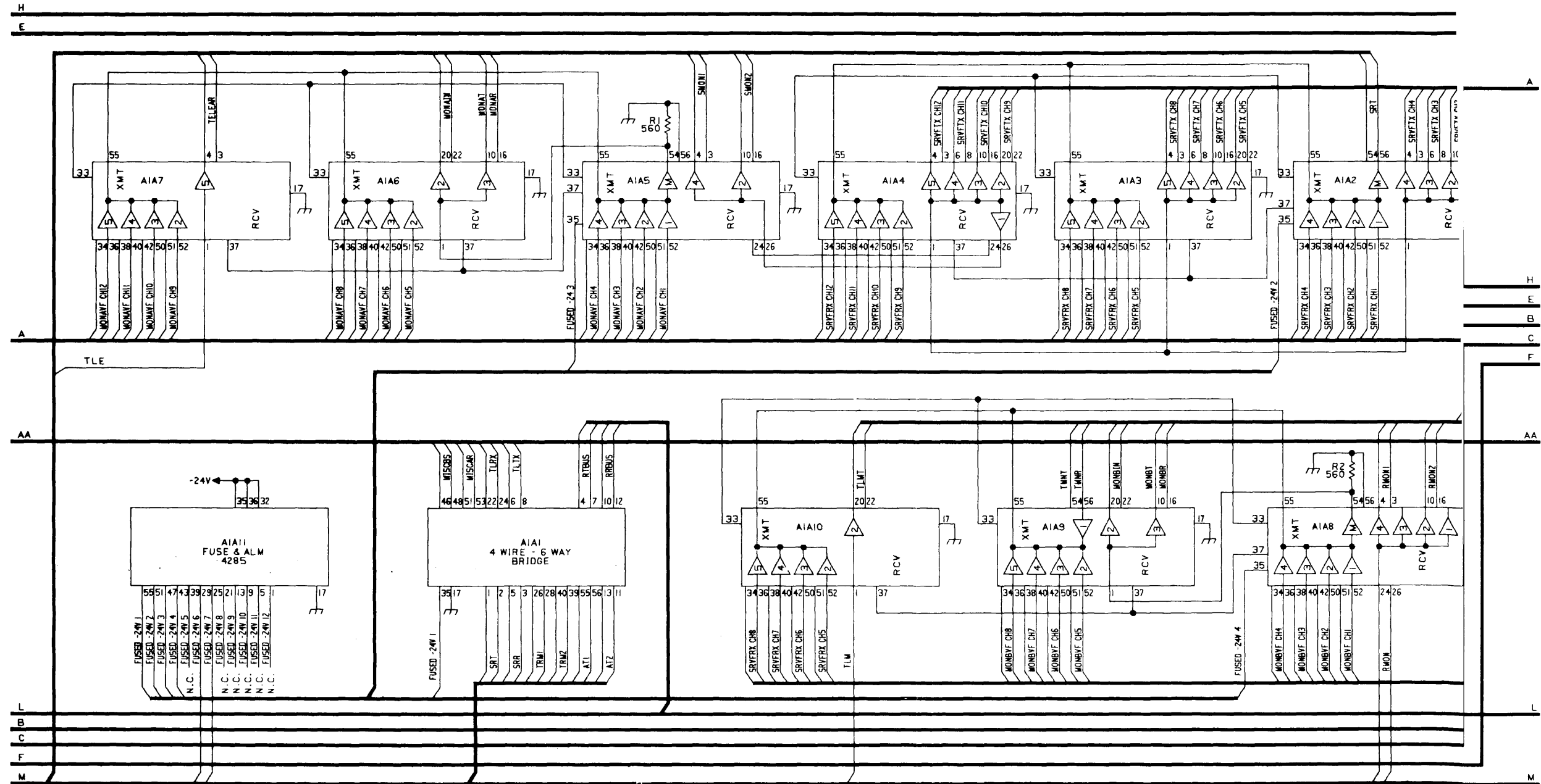


Figure 6-20. Audio/Keyline Card Cage Assembly A, P/N 7052-1610, 2A3 AND 5A3 Communication Control Console oj-512/FRC-176 (V), Schematic Diagram (Sheet 3 of 7)

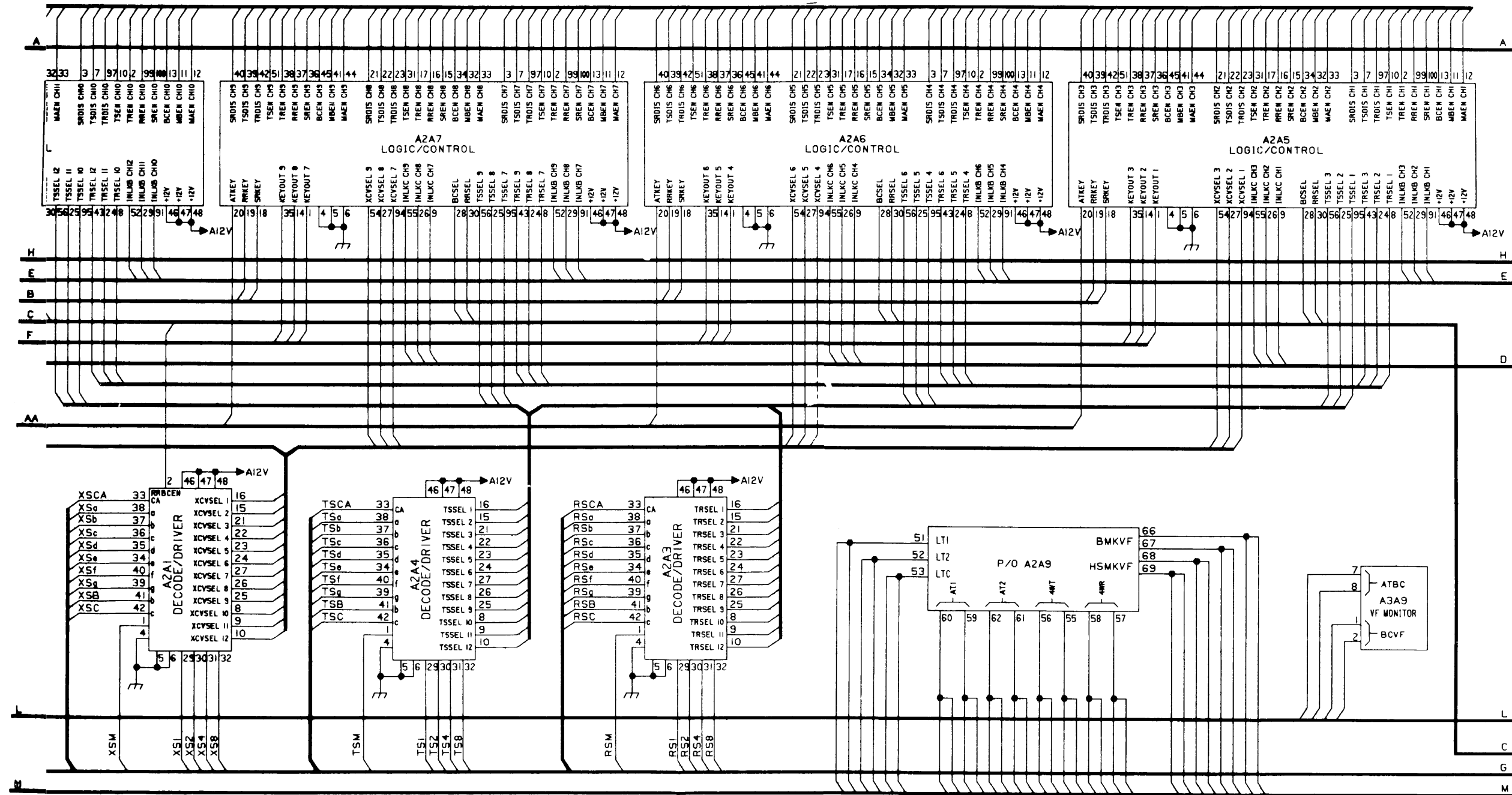


Figure 6-20. Audio/Keyline Card Cage Assembly A, P/N 7052-1610, 2A3 AND 5A3 Communication Control Console of 512/FRC-176 (V), Schematic Diagram (Sheet 4 of 7)

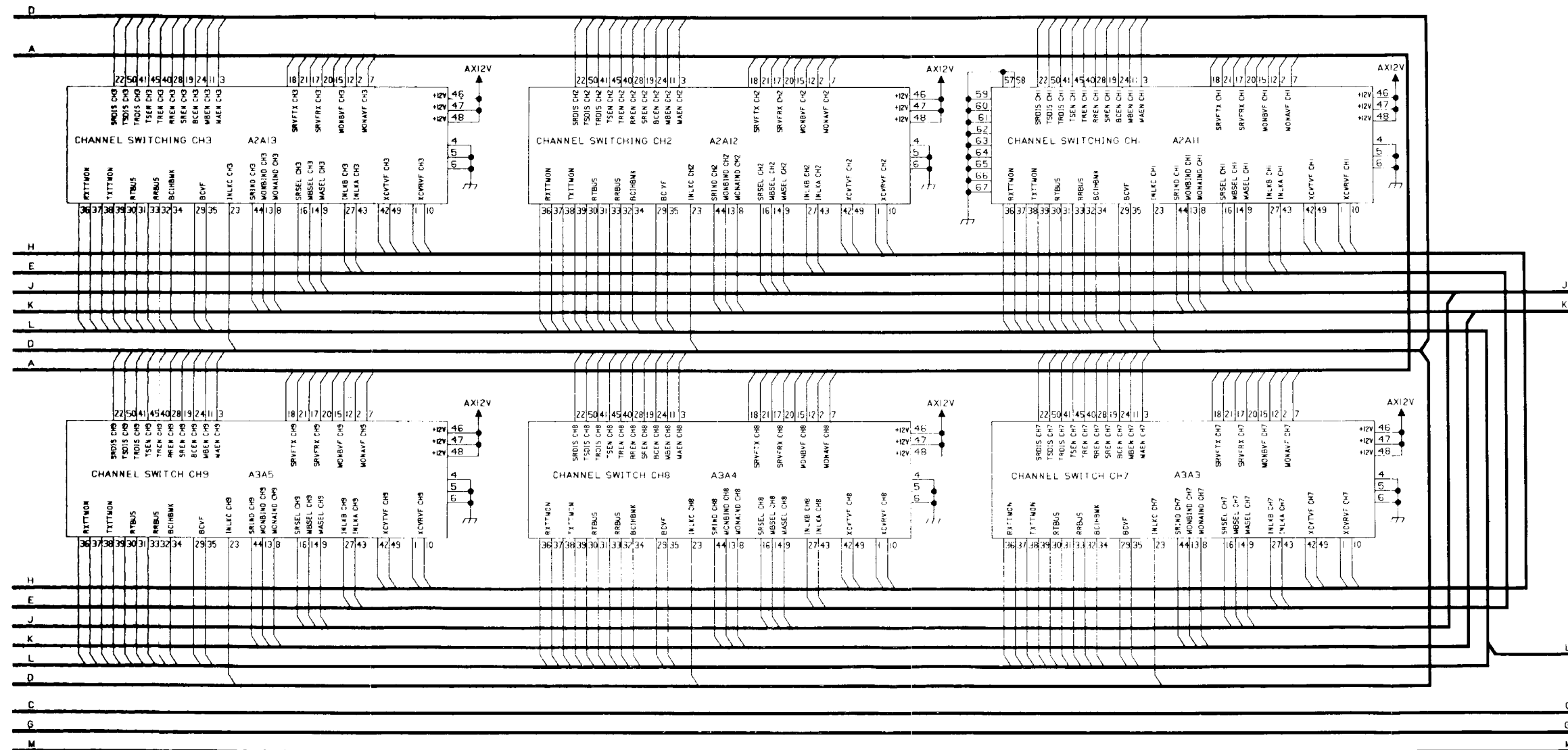


Figure 6-20. Audio/Keyline Card Cage Assembly A, P/N 7052-1610, 2A3 AND 5A3 Communication Control Console oj-512/FRC-176 (V), Schematic Diagram (Sheet 6 of 7)

6-67/(6-68 blank)

NOTE:

1. PART REFERENCE DESIGNATIONS ARE SHOWN: FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND /OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±5%
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN 4004
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.

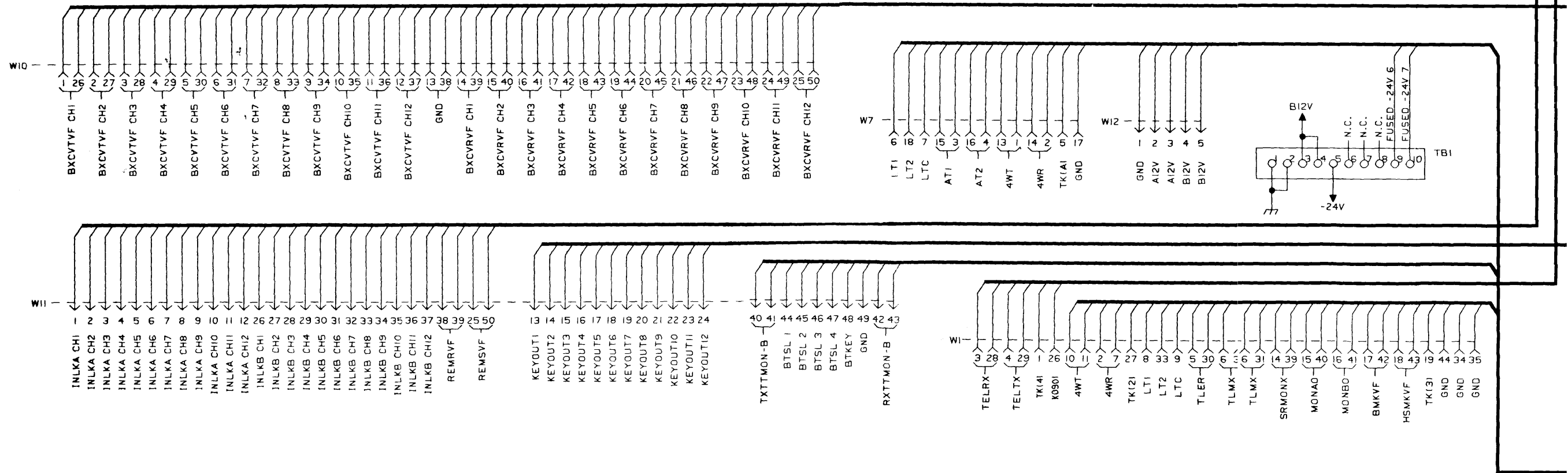


Figure 6-21. Audio/Keyline Card Cage Assembly B, P/N 7052-1610, 2A3 AND 5A3 Communication Control Console of-512/FRC-176 (V), Schematic Diagram (Sheet 1 of 7)

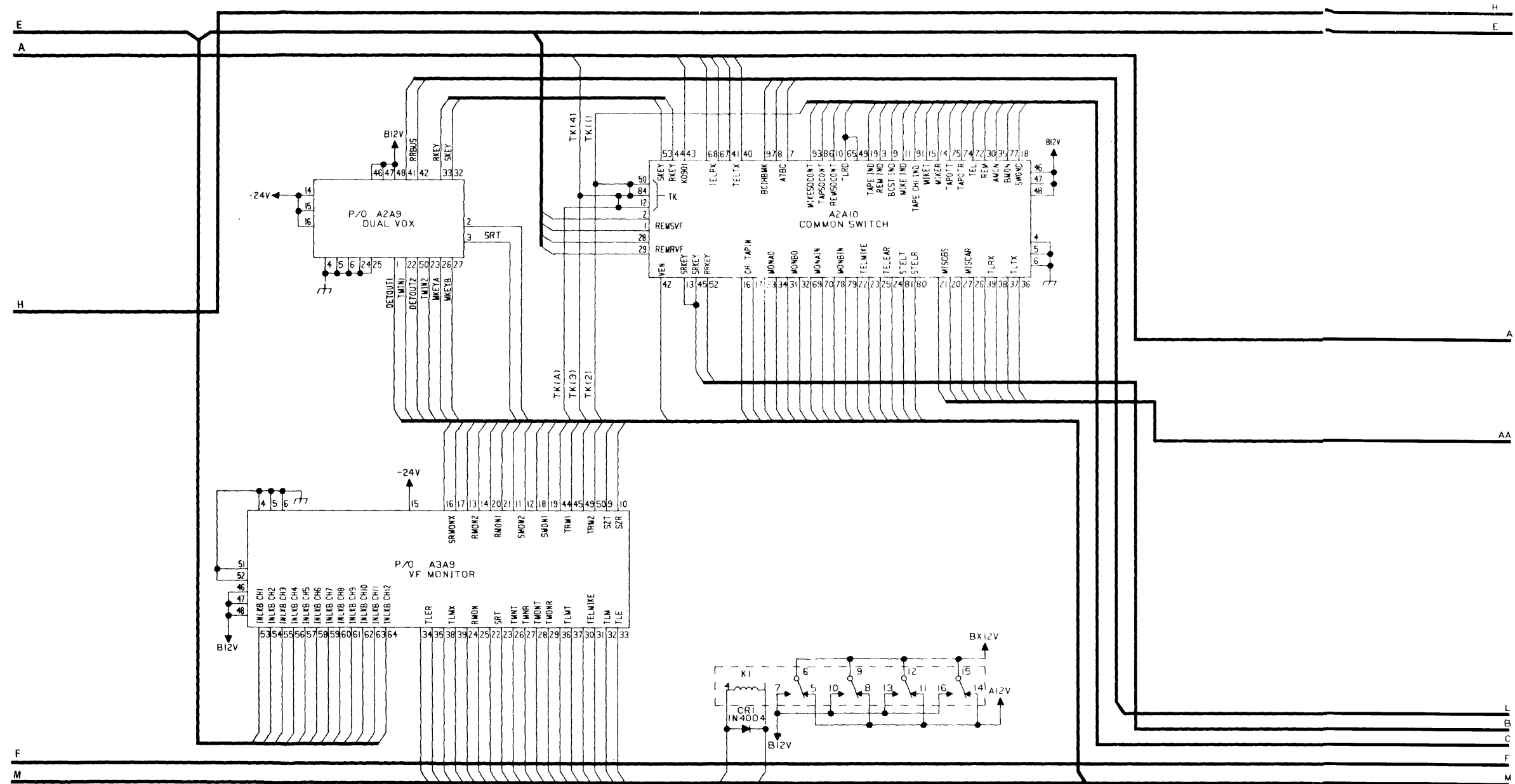


Figure 6-21. Audio/Keyline Card Cage Assembly B, P/N 7052-1910, 2A3 and 5A3 Communication Control Console OJ-512/FRC-176 (V), Schematic Diagram (Sheet 2 of 7)

6-73/(6-74 blank)

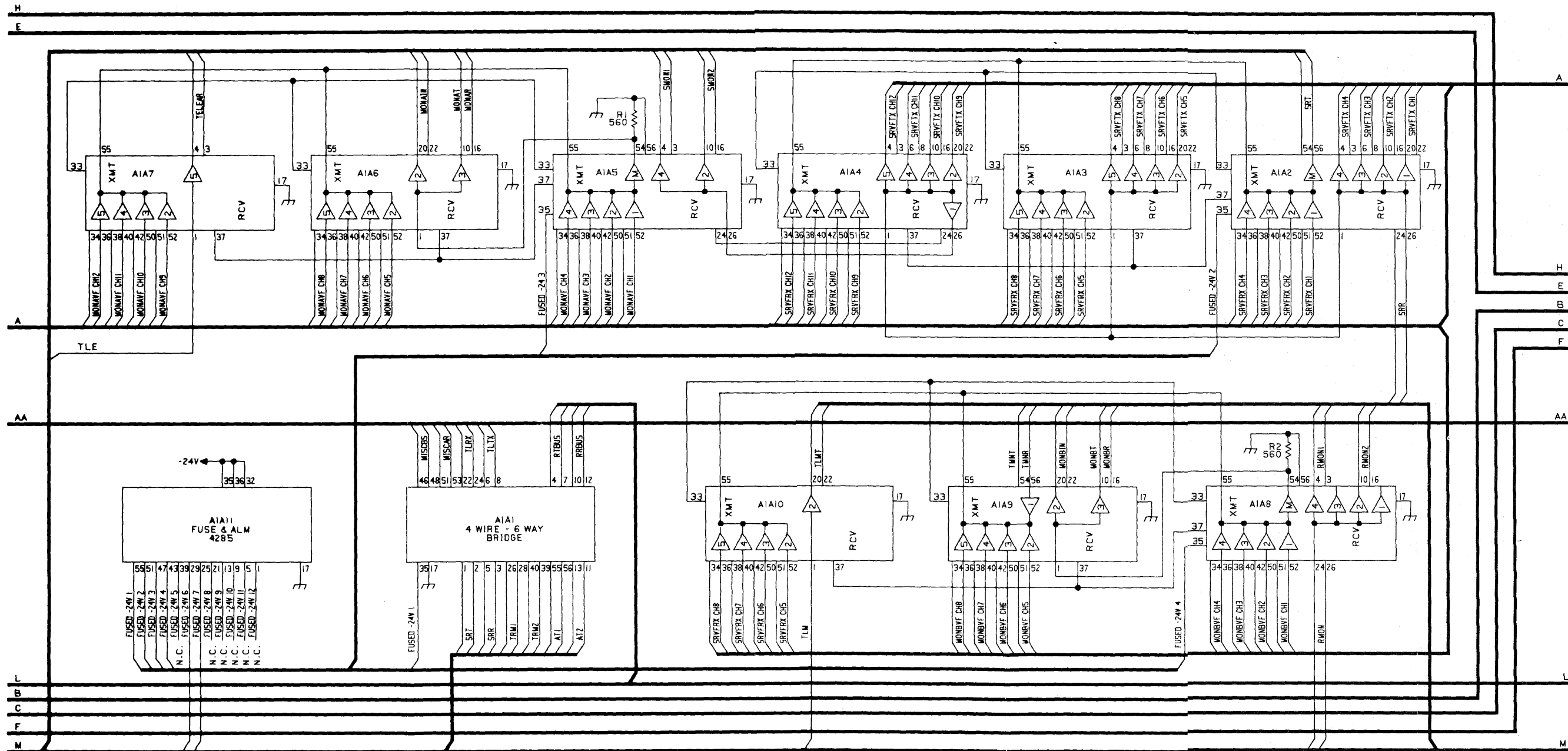


Figure 6-21. Audio/Keyline Card Cage Assembly B, P/N 7051-1910, 2A3 and 5A3 Communication Control Console OJ-512/ FRC-176 (V), Schematic Diagram (Sheet 3 of 7)

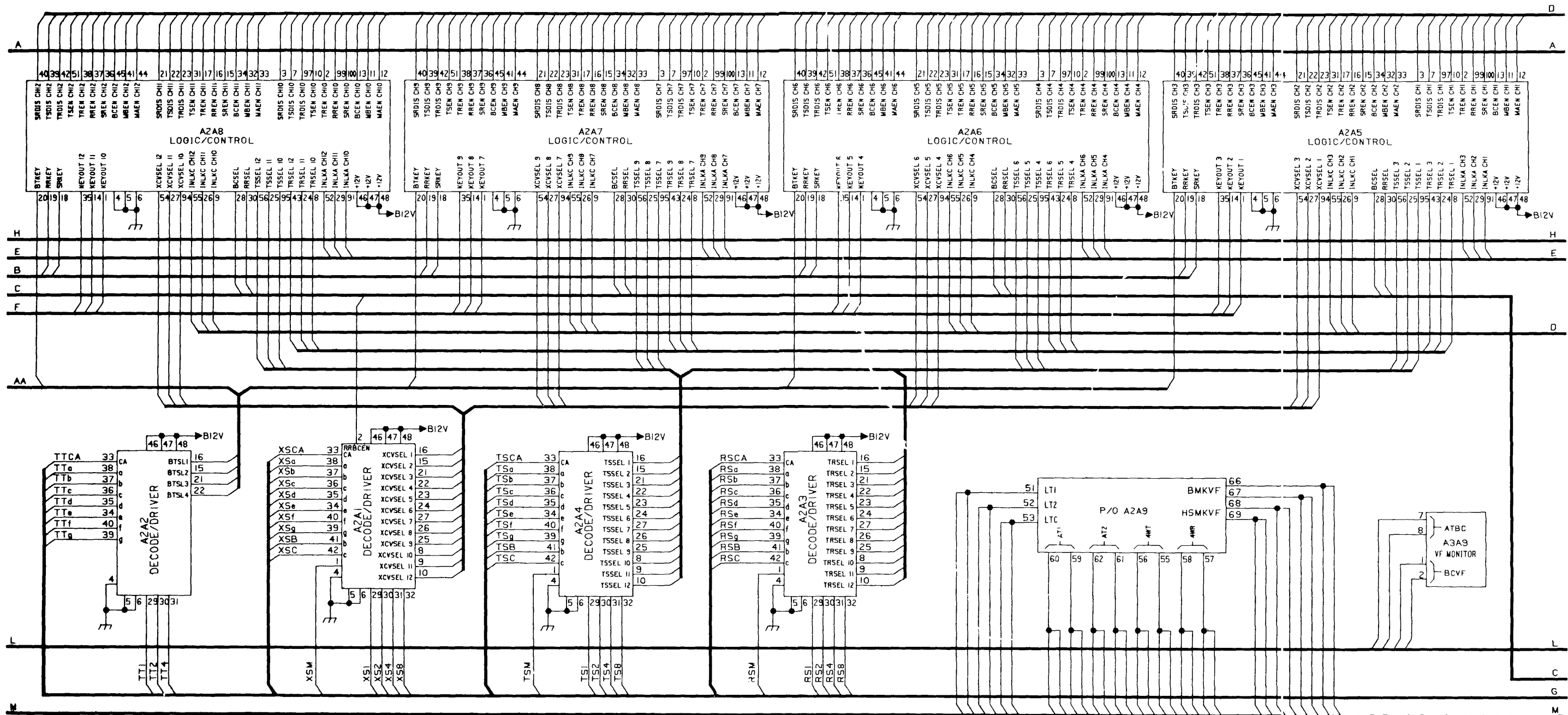


Figure 6-21. Audio/Keyline Card Cage Assembly B, P/N 7051-1910, 2A3 and 5A3 Communication Control Console 0J-512/ FRC-176 (V), Schematic diagram (Sheet 4 of 7)

6-77/(6-78 blank)

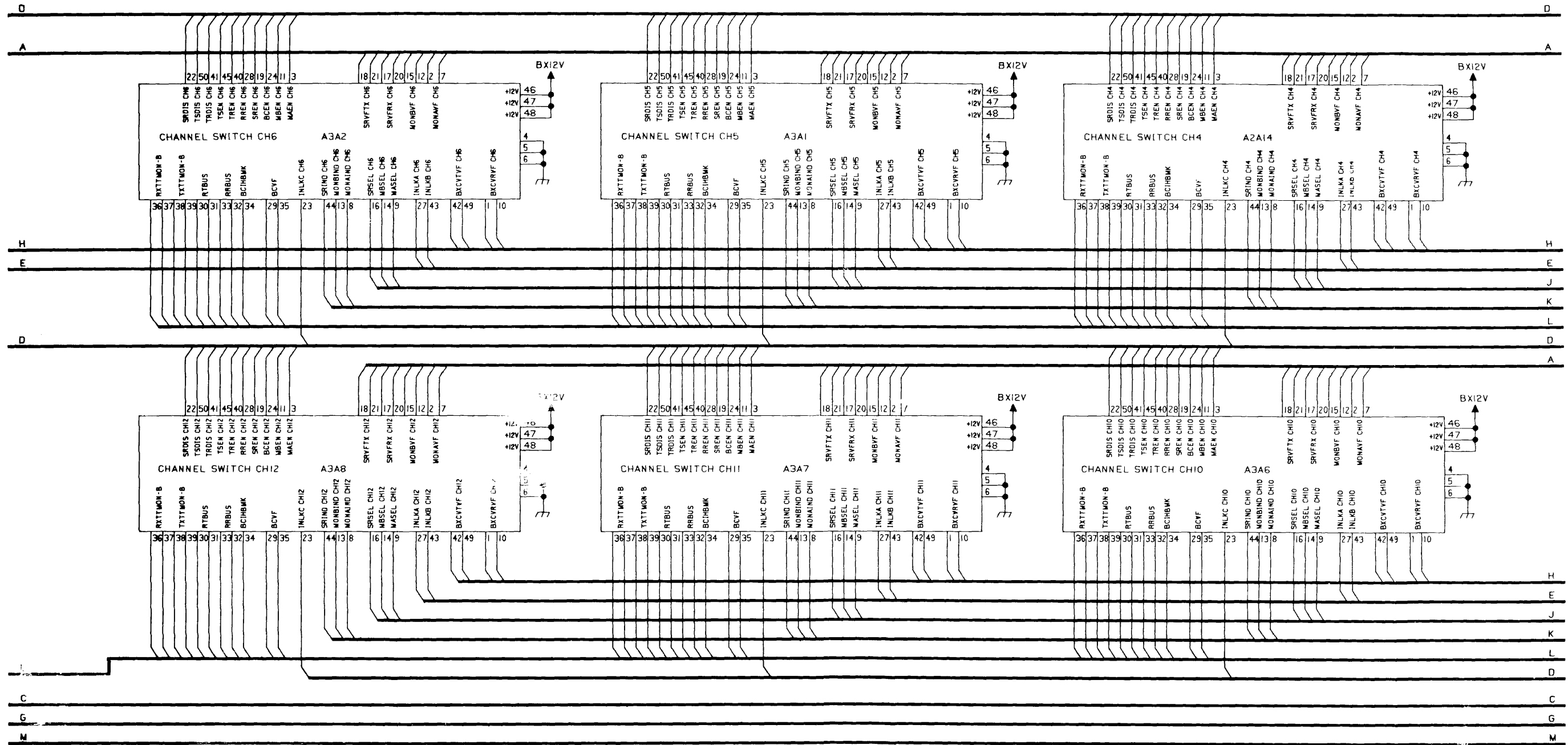


Figure 6-21. Audio/Keyline Card Cage Assembly B, P/N 7051-1910, 2A3 and 5A3 Communication Control Console 0J-512/ FRC-176 (V), Schematic Diagram (Sheet 5 of 7)

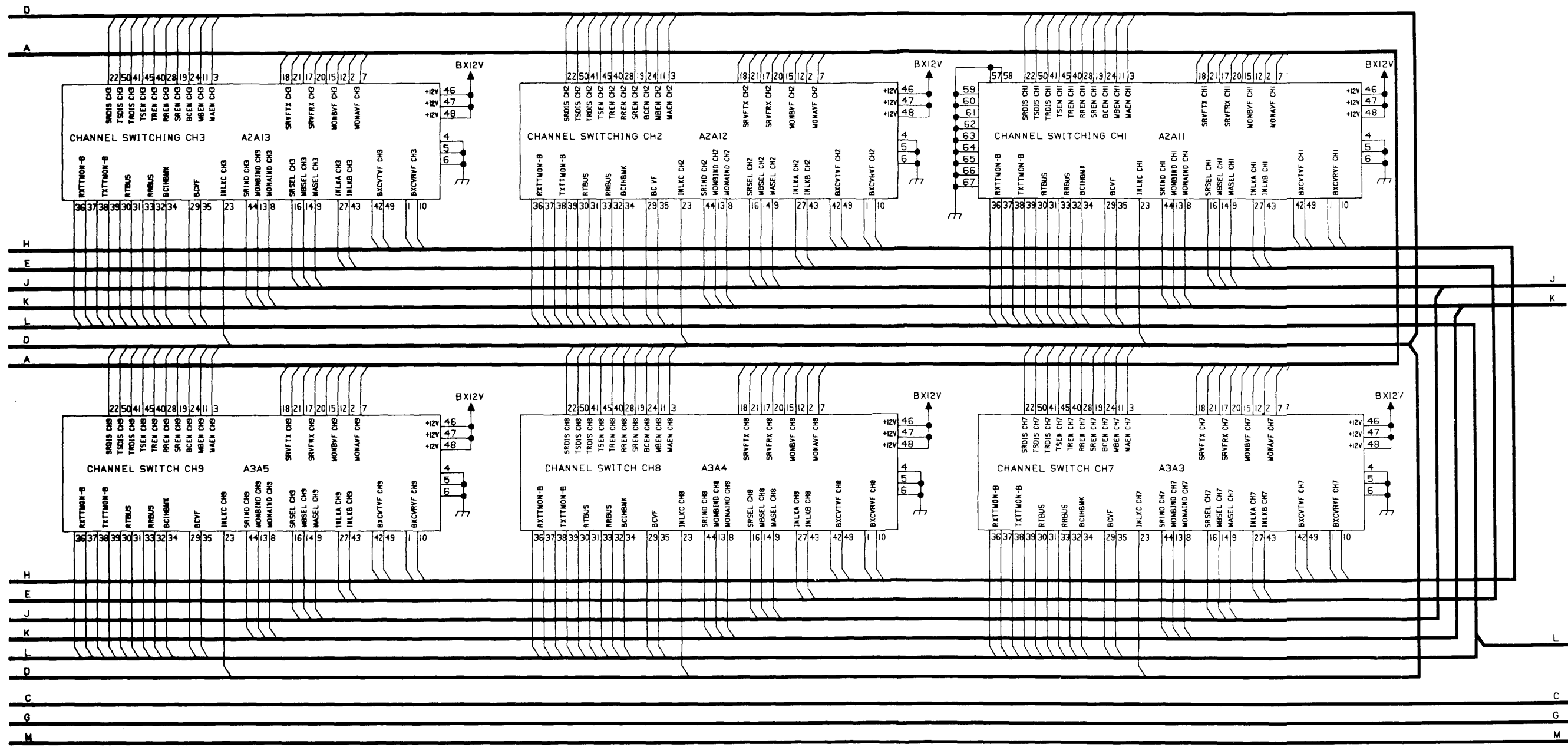


Figure 6-21. Audio/Keyline Card Cage Assembly B, P/N 7052-1910, 2A3 and 5A3 Communication Control Console OJ-512/ FRC-176 (V), Schematic Diagram (Sheet 6 of 7)

6-81/(6-82 blank)

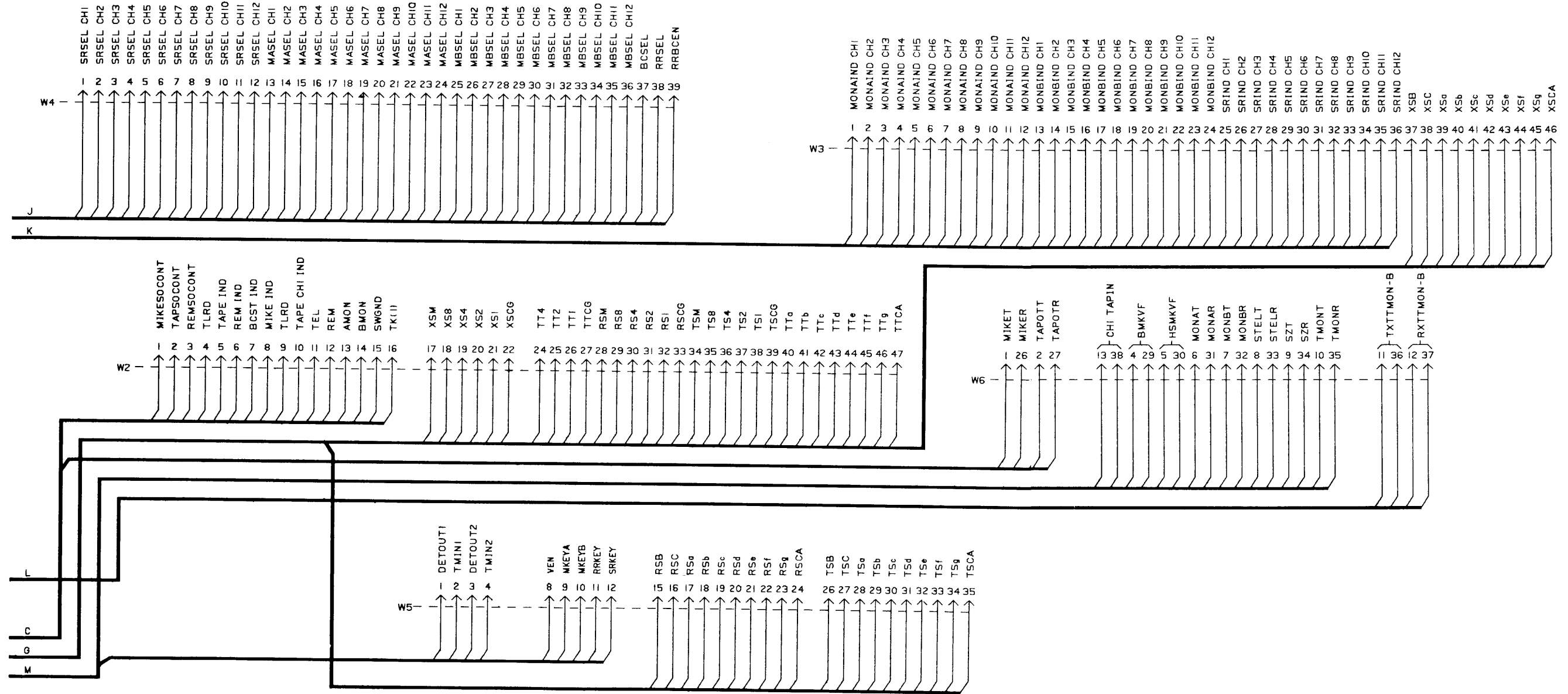


Figure 6-21. Audio/Keyline Card Cage Assembly B, P/N 7051-1910, 2A3 and 5A3 Communication Control Console 0J-512/ FRC-176 (V), Schematic Diagram (Sheet 7 of 7)

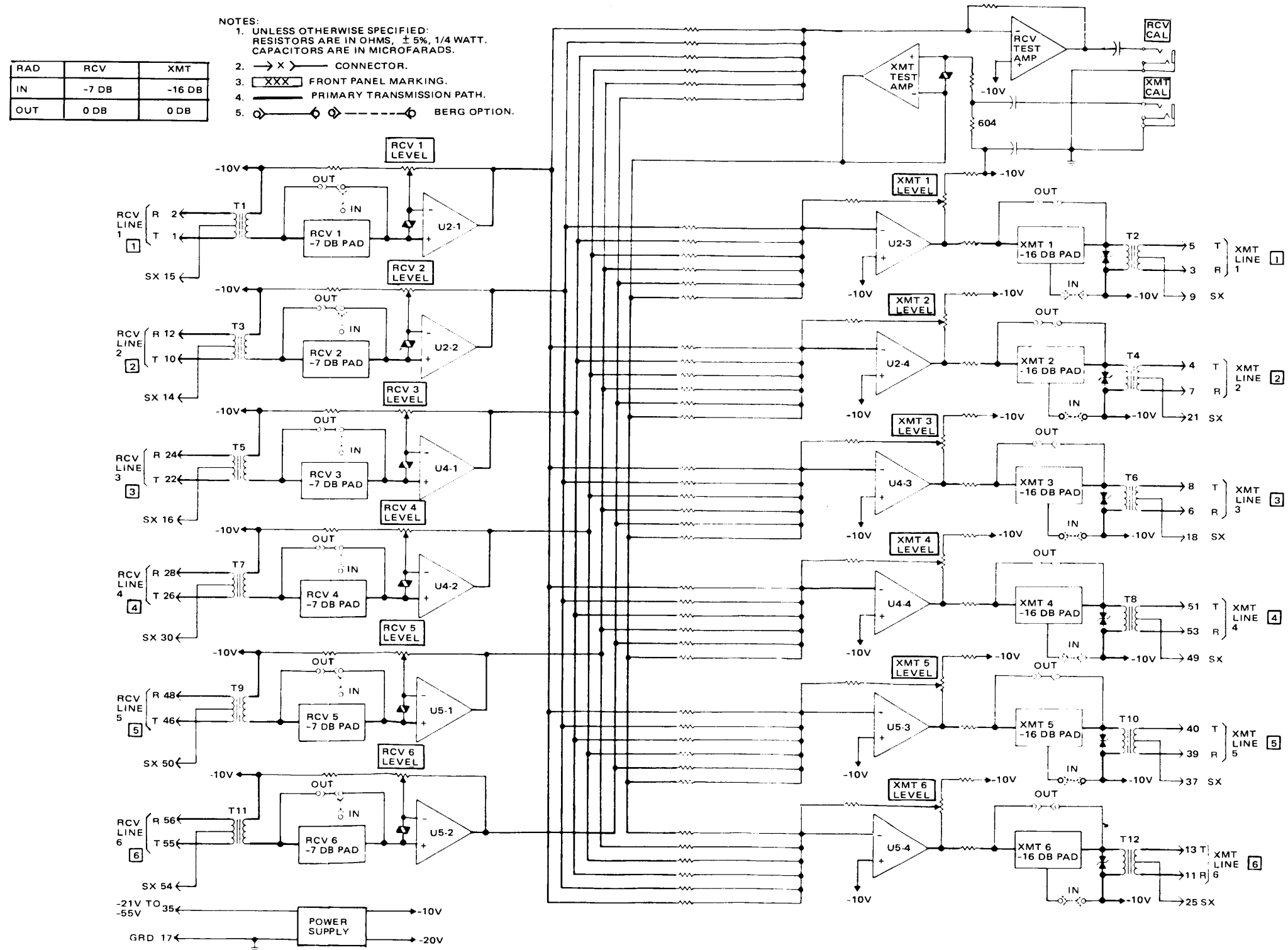


Figure 6-22. 4-Wire 6-Way Conference Bridge, 4202-00, 5A3A1A1 in Communication Control Console 0J-512/FRC-176(V)

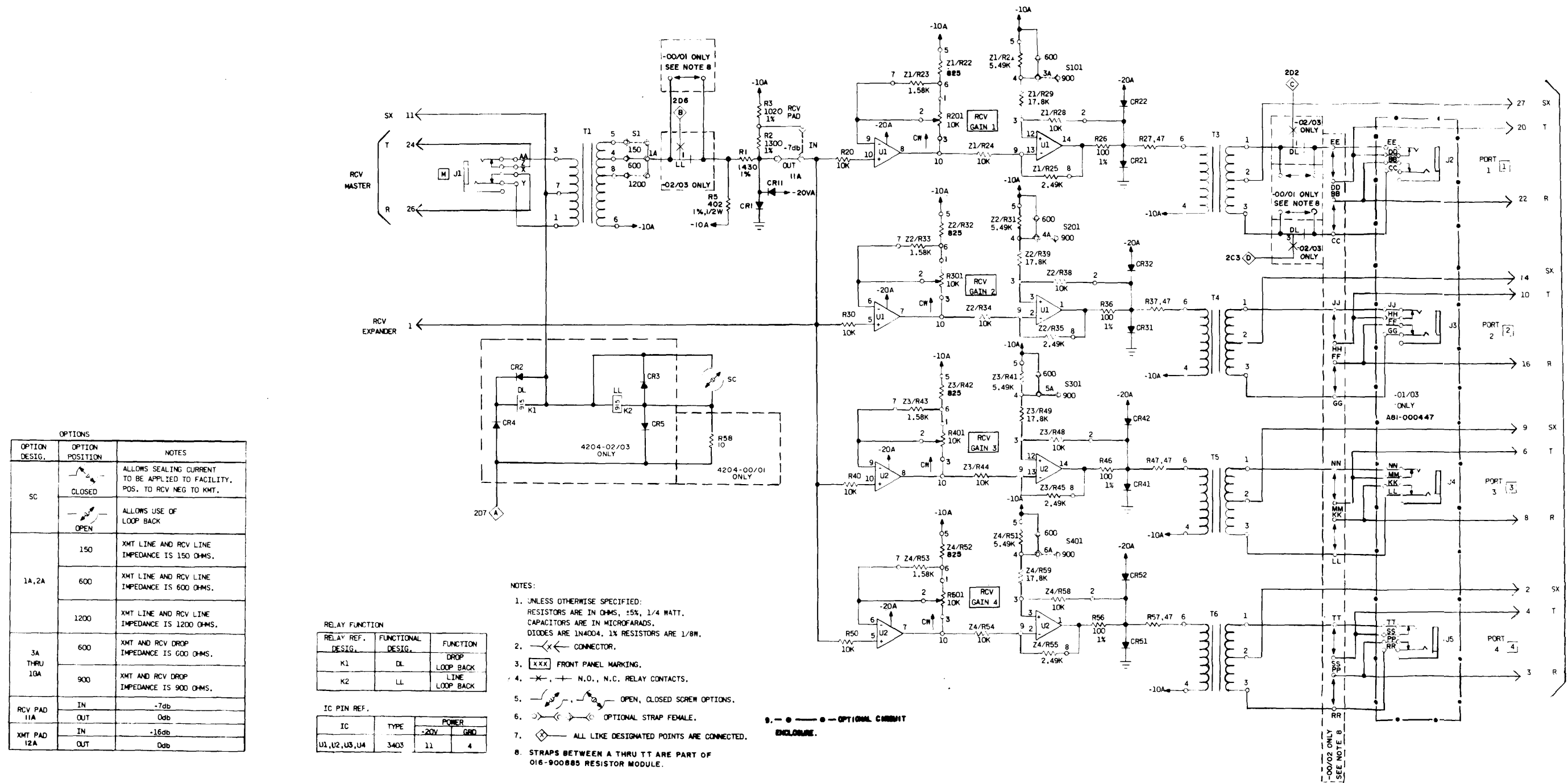


Figure 6-23. Master/Slave Bridge, P/N 4204-00/03, 2A3A1A2, 2A3A1A5, 2A3A1A8, 5A3A1A2, 5A3A1A5, AND 5A3A1A8 In Communication Control Console, 0J-512/-FRC-176(V), Schematic Diagram (Sheet 1 of 2)

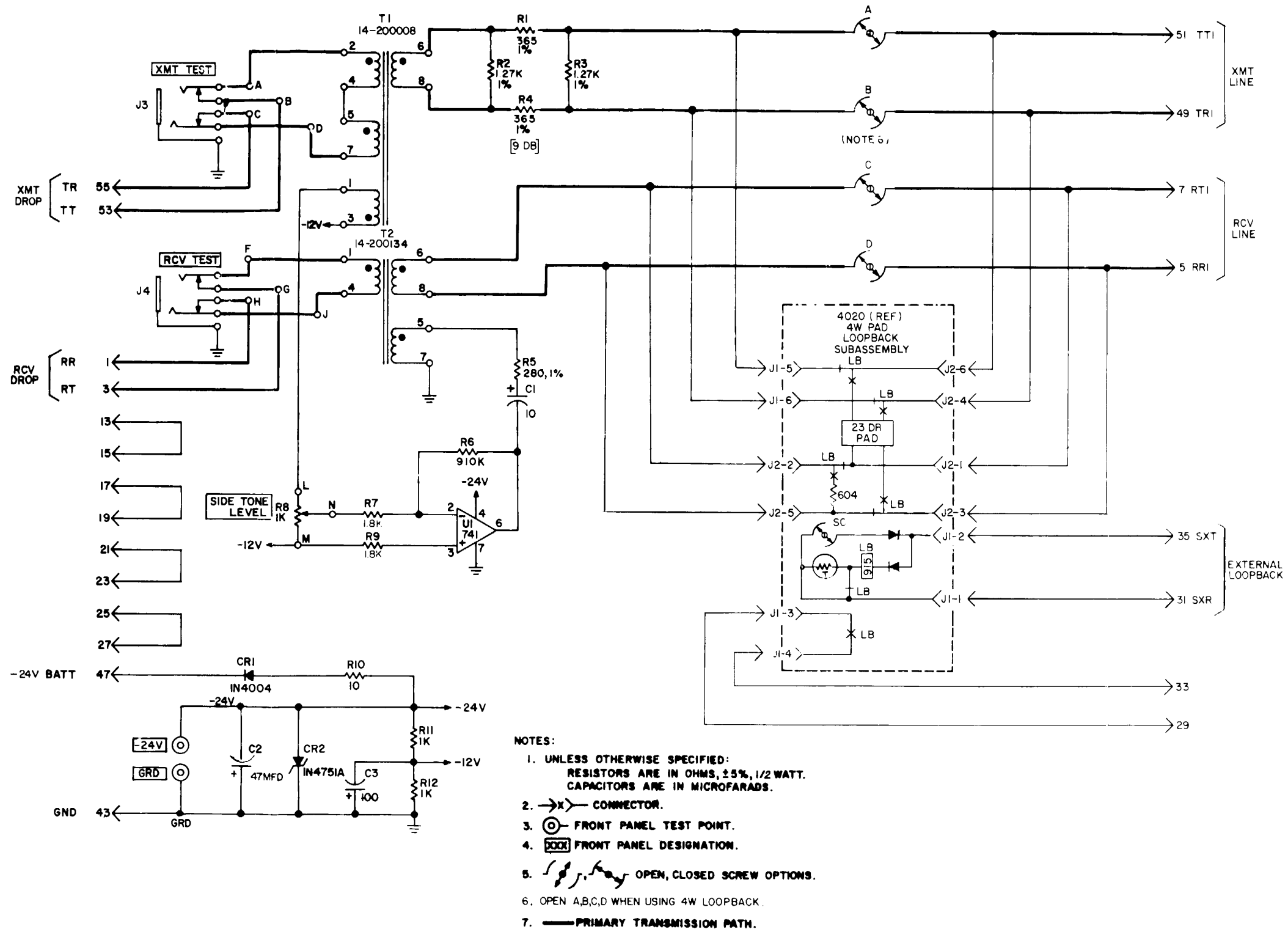


Figure 6-23. Master/Slave Bridge, P/N 4204-00/03, 2A3A1A2, 2A3A1A5, 2A3A1A8, 5A3A1A2, 5A3A1A5, AND 5A3A1A8 In Communication Control Console, 0J-512/FRC-176(V), Schematic Diagram (Sheet 2 of 2)
6-89/(6-90 blank)

- NOTES:
1. UNLESS OTHERWISE SPECIFIED:
RESISTORS ARE IN OHMS, 15%, 1/4 WATT;
1% RESISTORS ARE 1/8 Watt, METAL FILM
CAPACITORS ARE IN MICROFARADS.
DIODES ARE 1N4004.
2. → CONNECTOR.
3. XXX FRONT PANEL MARKINGS.
4. ○—○ OPTIONAL STRAP FEMALE.

OPTIONS

| OPTION DESIG. | OPTION POSITION | NOTES |
|---------------|-----------------|----------------------------------|
| 1A | 600 | XMT & RCV DROP IMPEDANCE IS 600Ω |
| THRU | | |
| 10A | 900 | XMT & RCV DROP IMPEDANCE IS 900Ω |

| I.C. DESIG. | TYPE | POWER | | | |
|-------------|----------|-------|------|------|-----------|
| | | -20A | -20B | -10A | -10B (RD) |
| U1 | MC-3403P | III | | | 4 |
| U2 | MC-3403P | III | | | 4 |
| U3 | MC-3403P | III | | | 4 |
| U4 | MC-3403P | II | | | 4 |
| U5 | MC-3403P | II | | | 4 |

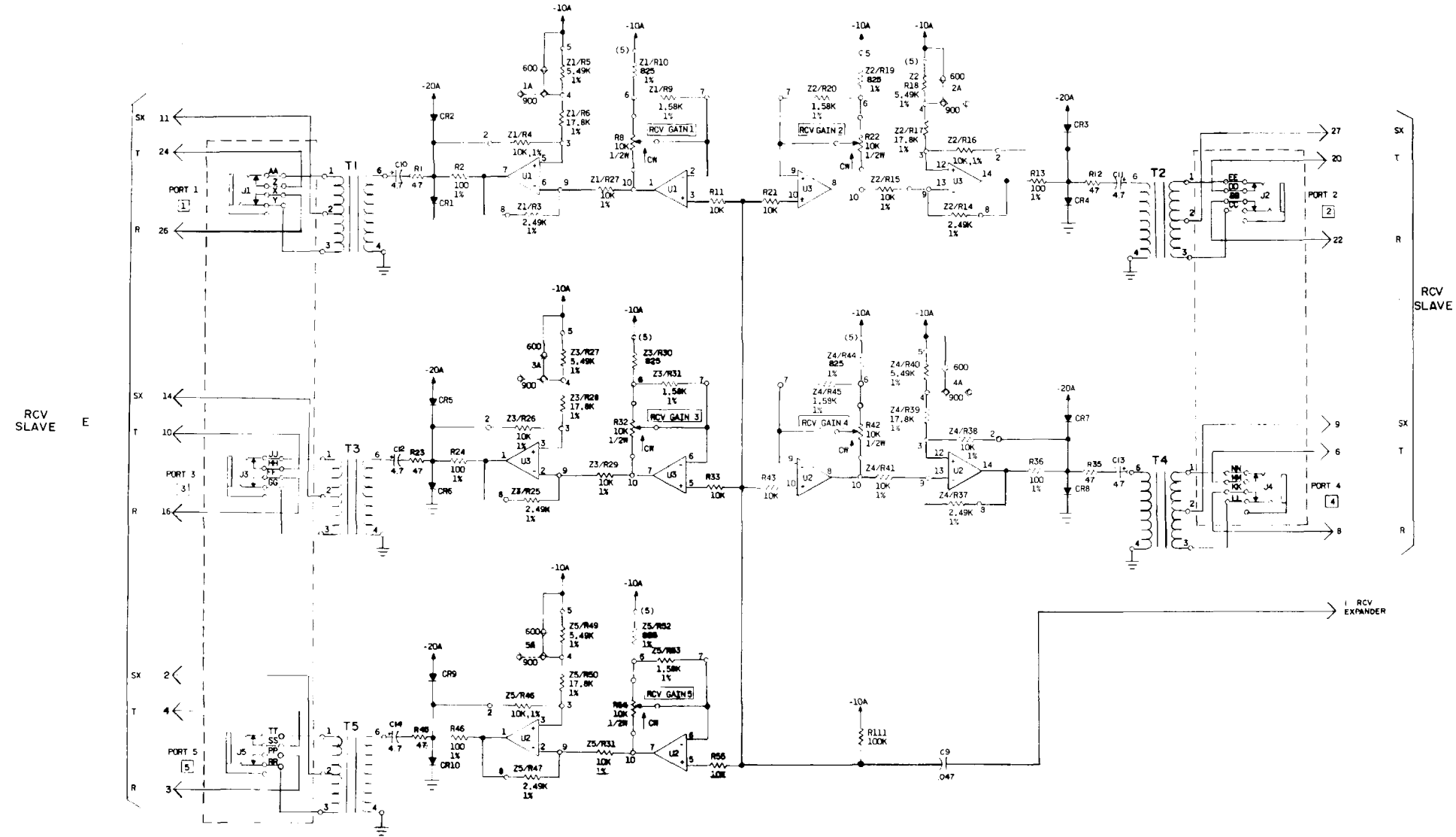


Figure 6-24. Auxiliary Bridge, P/N 4202-10/11, 2A3A1A4, 2A3A1A3, 2A3A1A6, 2A3A1A7, 2A3A1A9, 2A3A1A10, 5A3A1A3, 5A3A1A4, 5A3A1A6, 5A3A1A7 5A3A1A9, and 5A3A1A10 In Communication Control Console 0J-512/FRC-176 (V), Schematic Diagram (Sheet 1 of 2)

6-91/(6-92 blank)

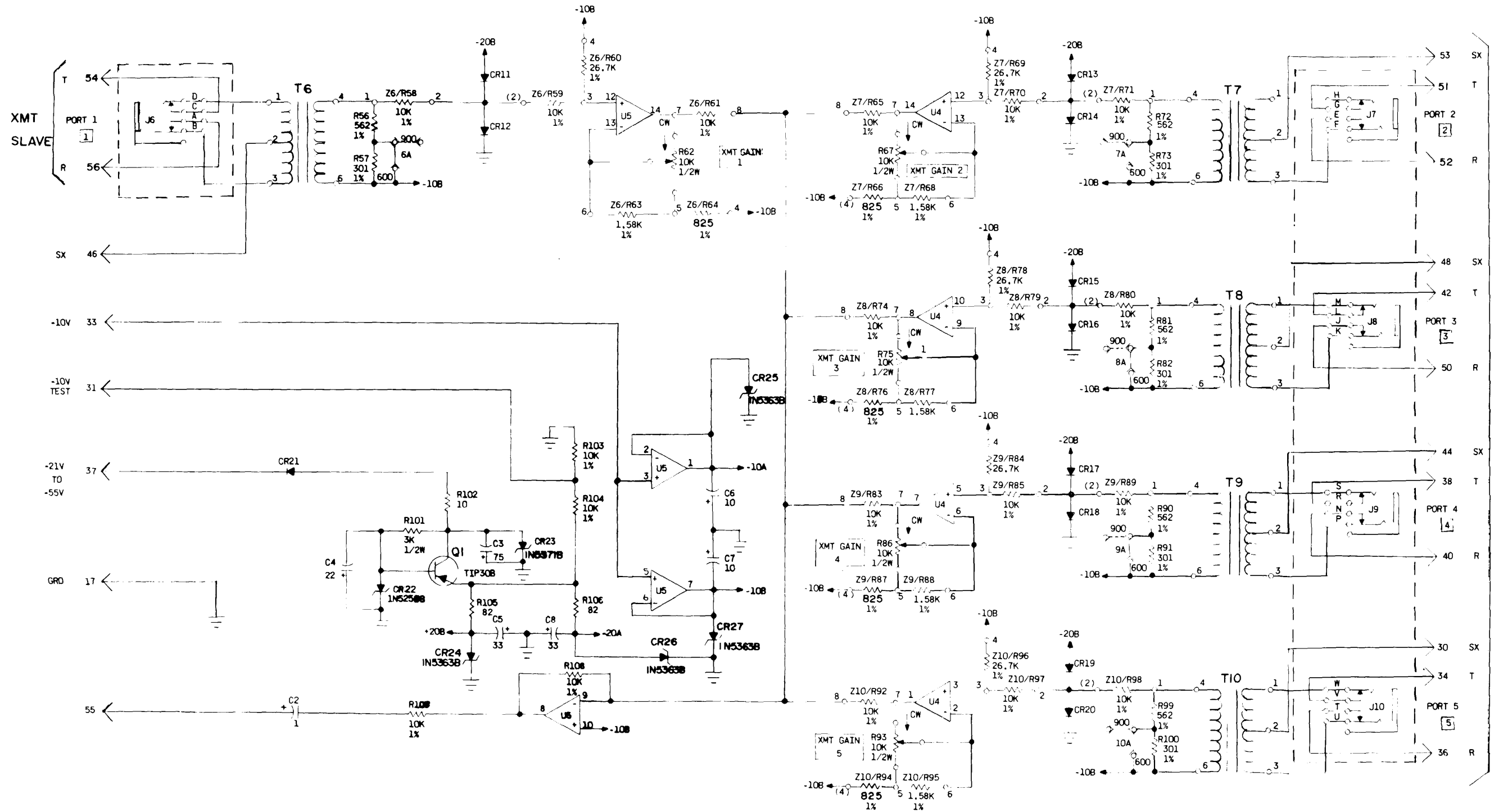


Figure 6-24. Auxiliary Bridge, P/N 4204-10/11, 2A3A1A4, 2A3A1A6, 2A3A1A7, 2A3A1A9, 2A3A1A10, 5A3A1A3, 5A3A1A4, 5A3A1A4, 5A3A1A6, 5A3A1A7, 5A3A1A9, and 5A3A1A10 In Communication Control Console 0J-512/FRC-176(V), Schematic Diagram (Sheet 2 of 2)

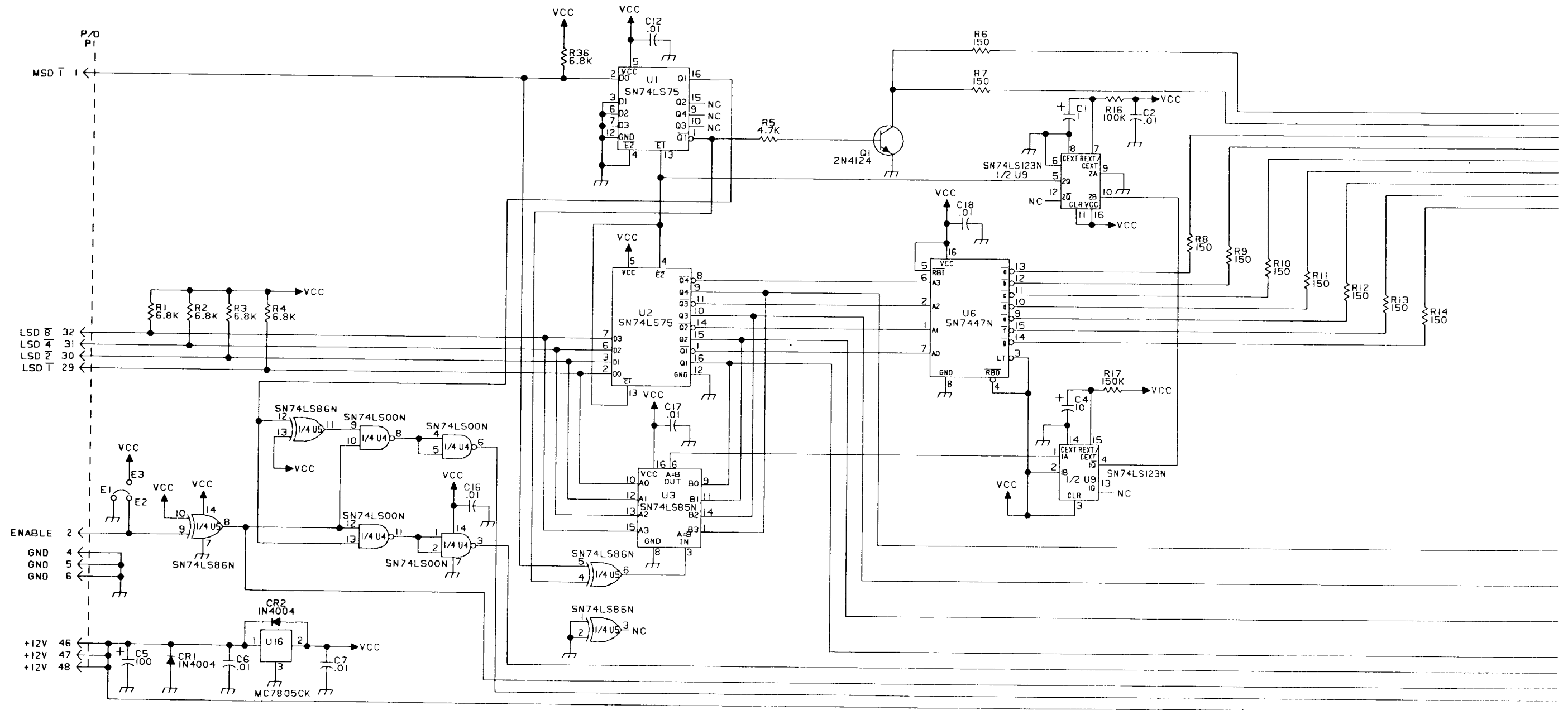


Figure 6-26. Decoder/Driver PWB, P/N 7052-8070-1, 2A3A2A1 and 5A3A2A1 In Communication Control Console, OJ - 512/FRC - 176 (V) Schematic Diagram (Sheet 1 of 2)
6-97/(6-98 blank)

NOTE: UNLESS OTHERWISE SPECIFIED

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4 W ±5%
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN 4004.
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.

TM 11-5805-734-14-2
TO 31R5-2FRC176-11-2

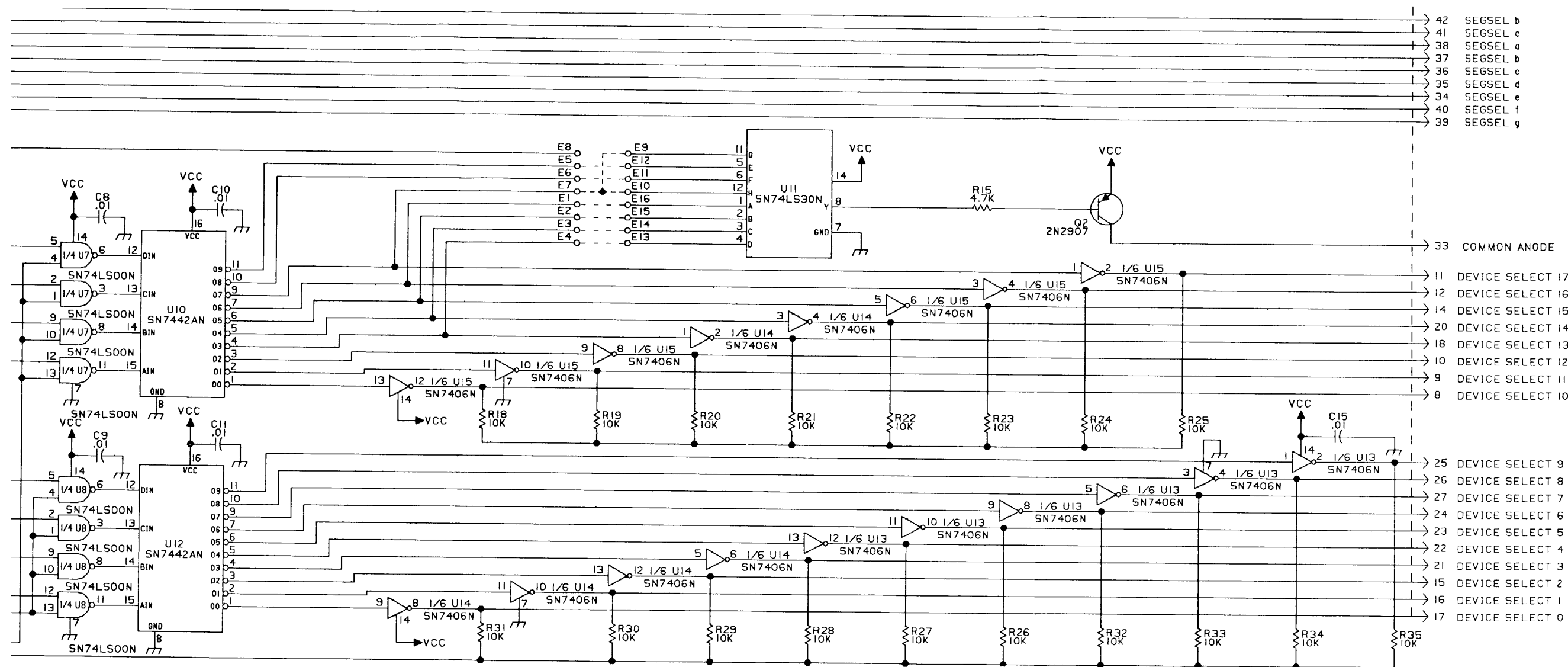
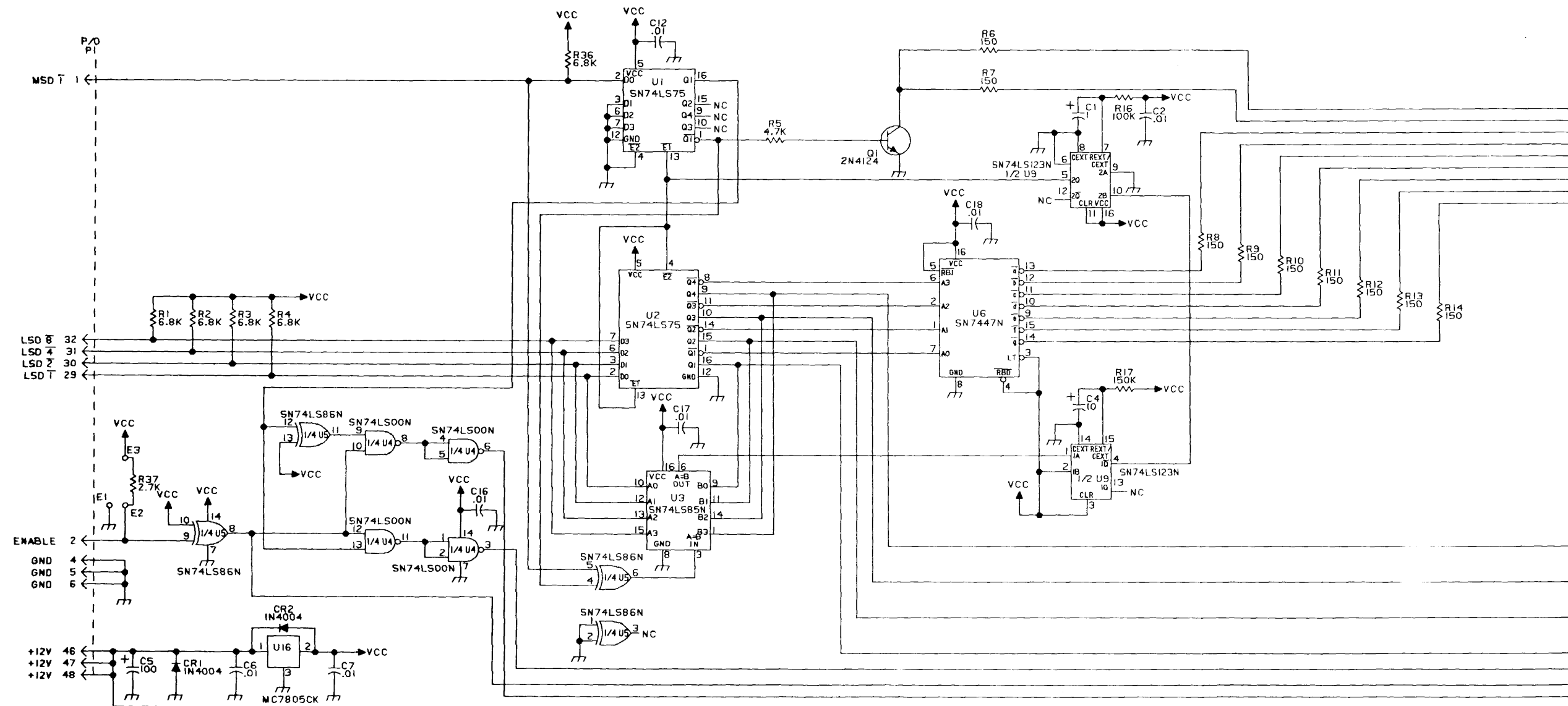


Figure 6-26. Decoder/Driver PWB, P/N 7052-8070-1, 2A3A2A1 and 5A3A2A1 In Communication Control Console , OJ-512/FRC-176 (V) Schematic Diagram (Sheet 2 of 2)

6-101/(6-102 blank)



- NOTE: UNLESS OTHERWISE SPECIFIED**
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
 2. ALL RESISTOR VALUES ARE IN OHMS, 1/4 W ±5%
 3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
 4. ALL DIODES ARE IN 4004.
 5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.

Figure 6-27. Decoder/Driver PWB, P/N 7052-8070-2, 2A3A2A2 thru 2A3A2A4, 5A3A2 thru 5A3A2A4 In Communication Control Console , OJ-512/FRC-176 (V) Schematic Diagram (Sheet 1 of 2)

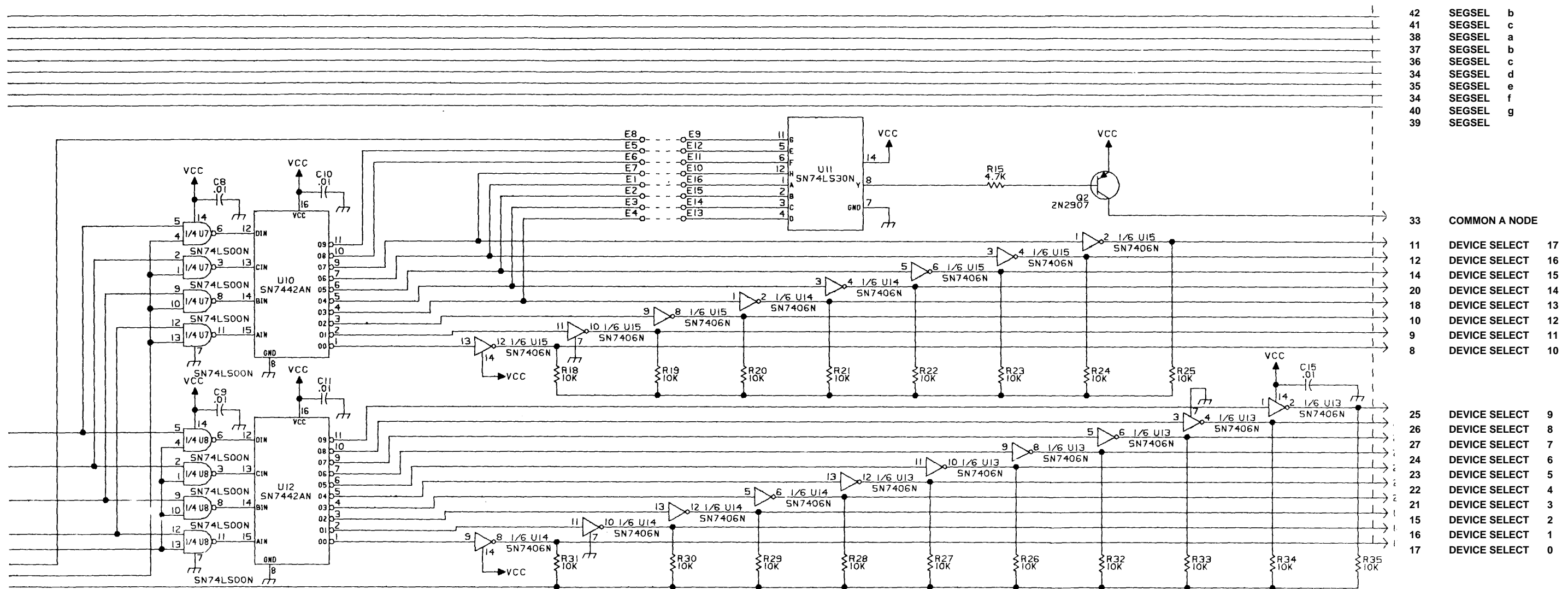
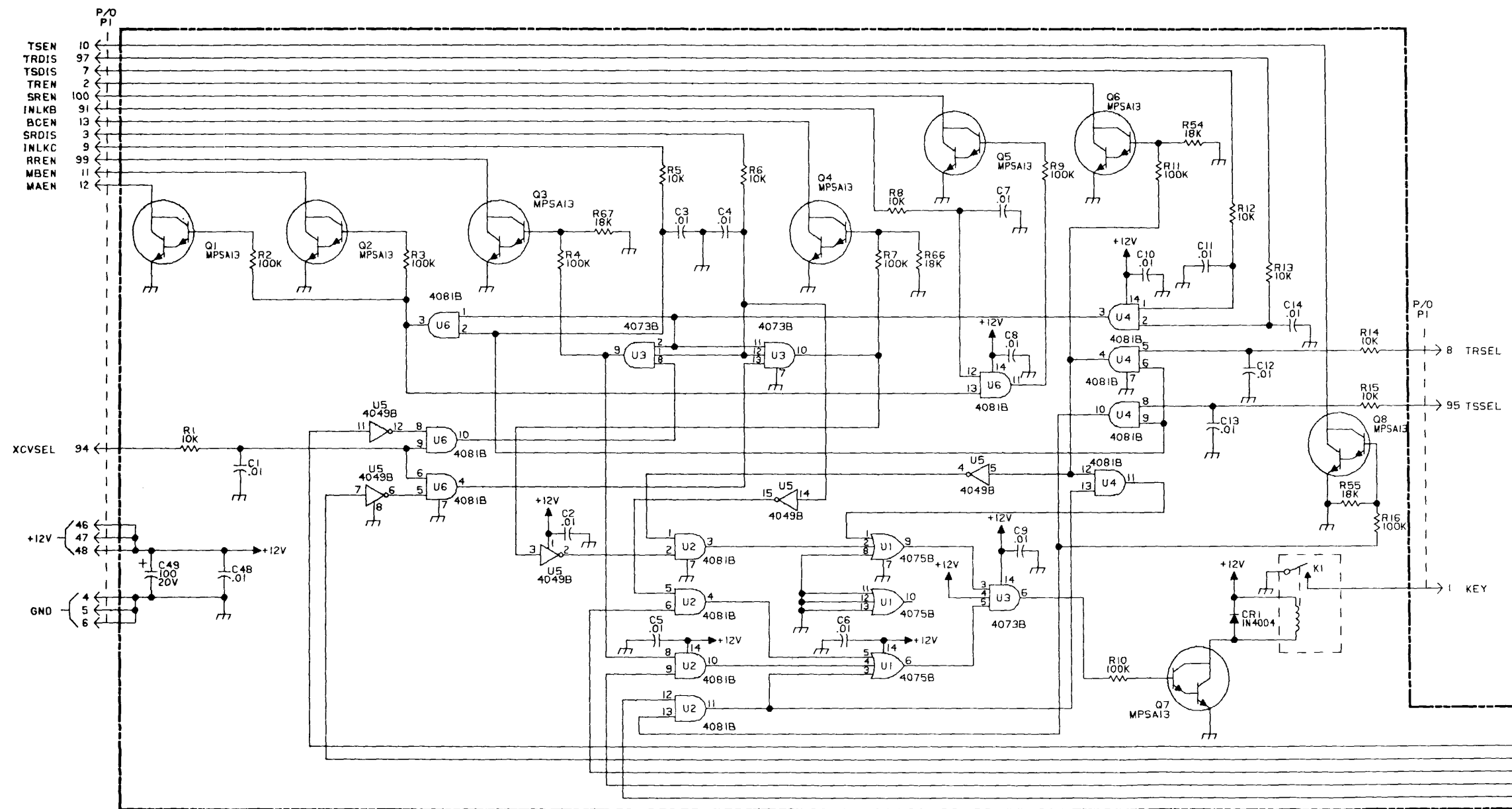
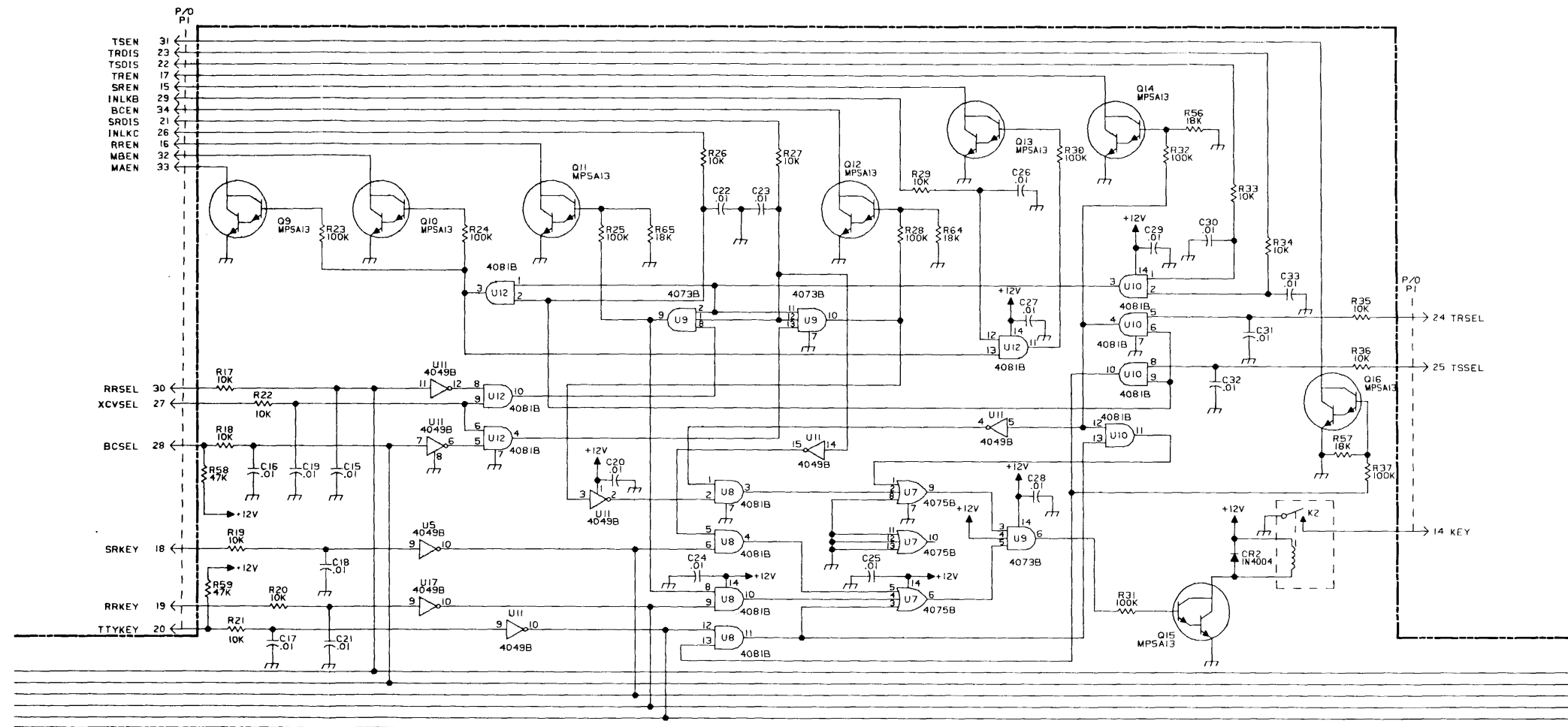


Figure 6-27. Decoder /Driver PWB, P/N 7052-8070-2, 2A3A2A2 thru 2A3A2A4, 5A3A2A5 thru 5A3A2A4 In Communication Control Console, OJ - 512/FRC-176 (V), Schematic Diagram (Sheet 2 of 2)



NOTE : UNLESS OTHERWISE SPECIFIED:

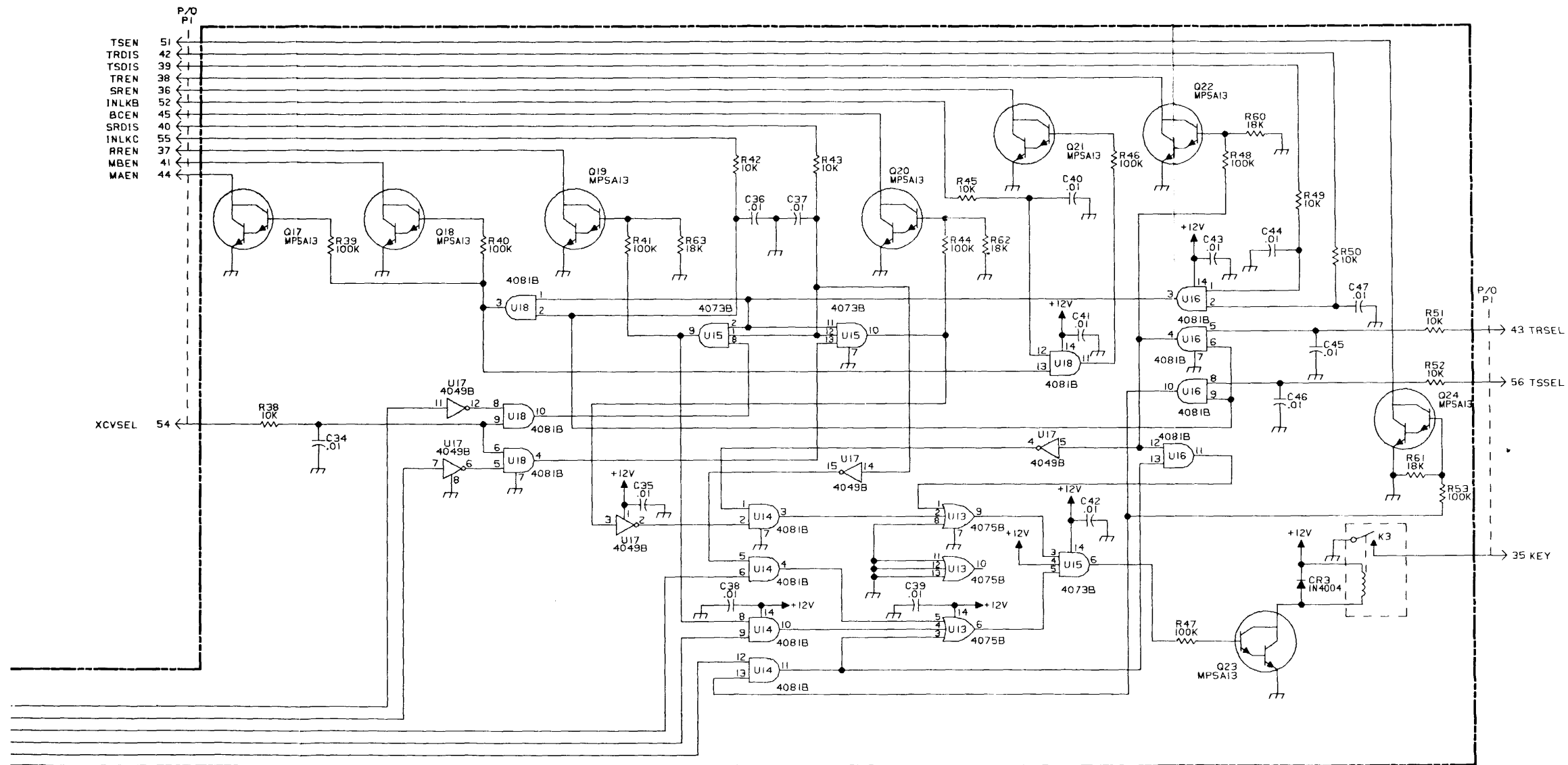
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN.
FOR A COMPLETE DESIGNATION, PREFIX WITH
UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, ¼ W ±5%
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN 4004.
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY.
COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.



NOTE: UNLESS OTHERWISE SPECIFIED

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN.
FOR A COMPLETE DESIGNATION, PREFIX WITH
UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, $\frac{1}{4}$ W $\pm 5\%$
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN 4004.
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY.
COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.

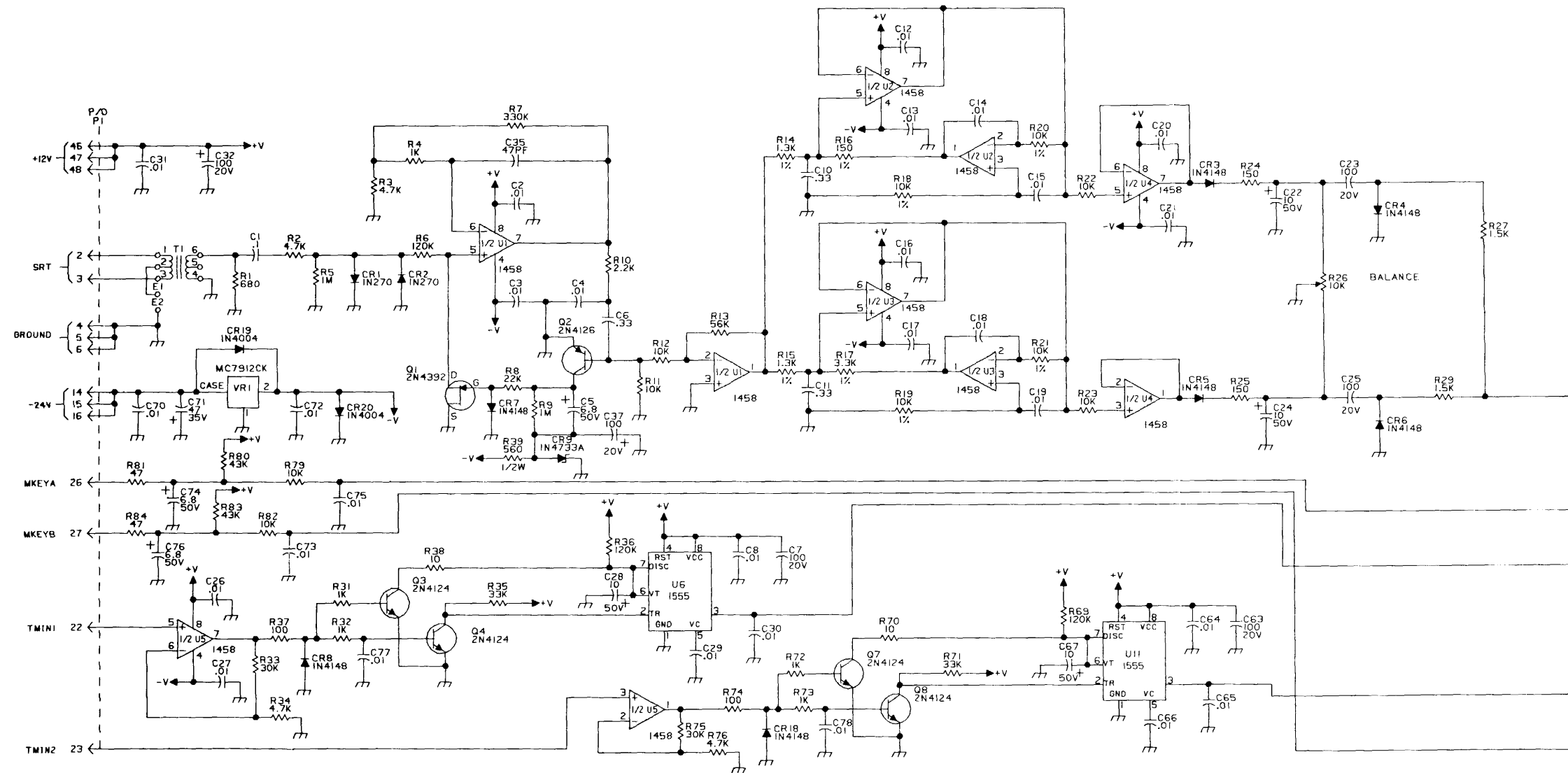
Figure 6-28. Logic Control PWB, P/N 7052-8080, 2A3A2A5 thru 2A3A2A8, 5A3A2A5 thru 5A3A2A8 In Communication Control Console, OJ-512/FRC-176 (V), Schematic Diagram (Sheet 2 of 3)



NOTE: UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, $\pm 5\%$.
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN4004.
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER ART NO. IN PARTS LIST.

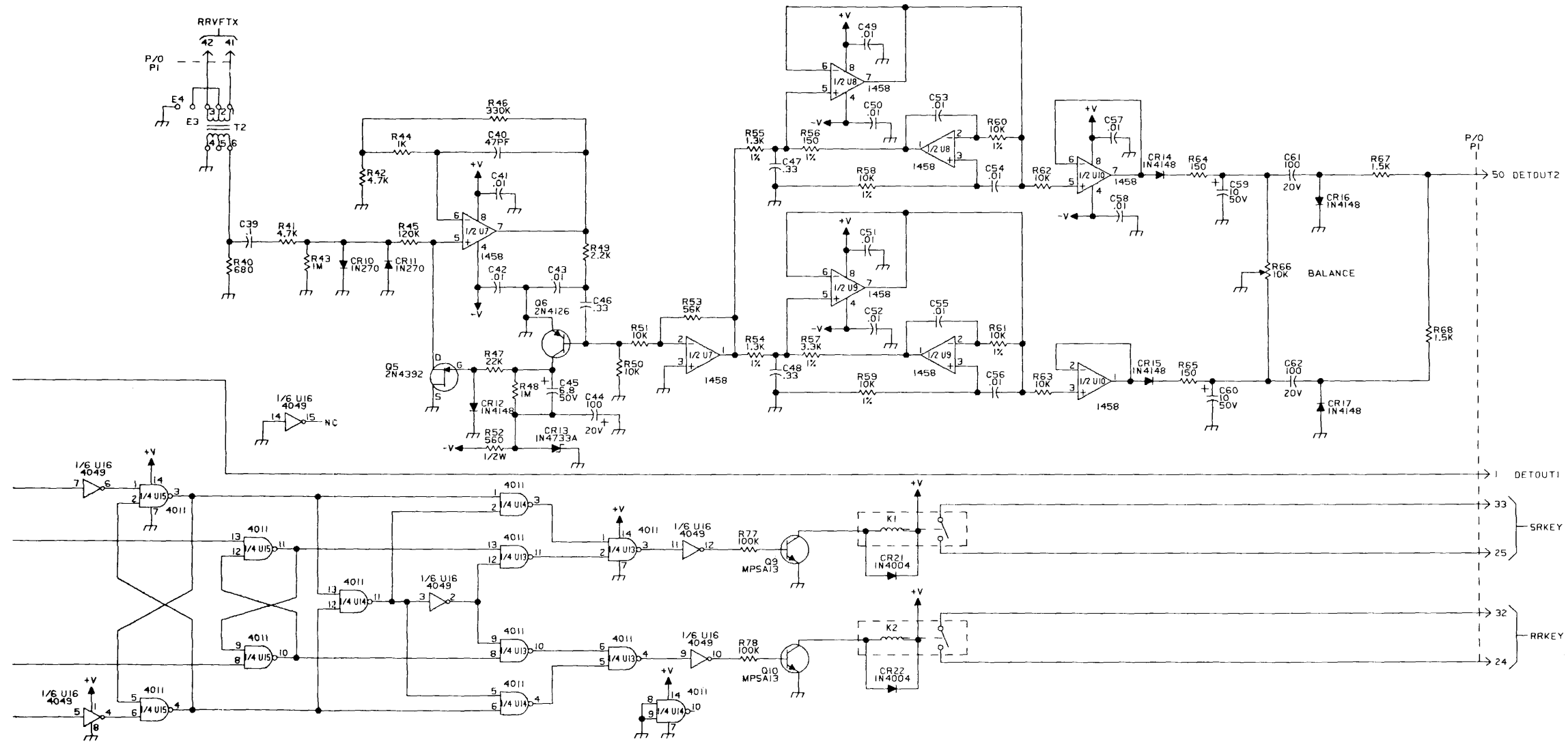
Figure 6-28. Logic Control PWB, P/N 7052-8080, 2A3A2A5 thru 2A3A2A8, 5A3A2A5 thru 5A3A2A8 In Communication Control Console, OJ-512/FRC-176(V), Schematic Diagram (Sheet 3 of 3)



NOTE: UNLESS OTHERWISE SPECIFIED:

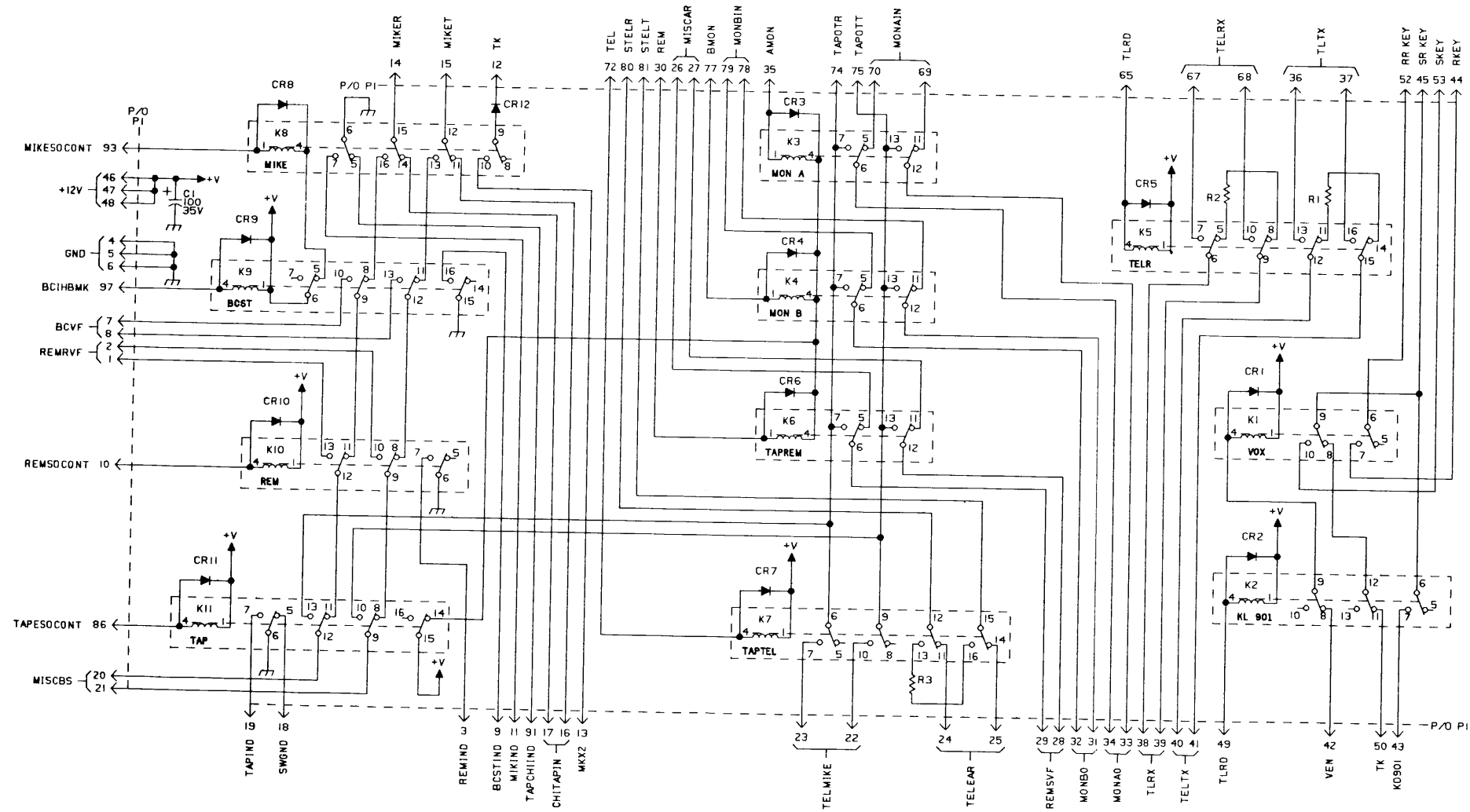
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, $\pm 5\%$.
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN4004.
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER ART NO. IN PARTS LIST.

Figure 6-29. Dual VOX PWB, P/N 7052-8110, 2A3A2A9, 5A3A2A9 In Communication Control Console, OJ-512/FRC-176 (V), Schematic Diagram (Sheet 1 of 2)



- NOTE: UNLESS OTHERWISE SPECIFIED:**
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
 2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ± 5%.
 3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
 4. ALL DIODES ARE IN4004.
 5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER ART NO. IN PARTS LIST.

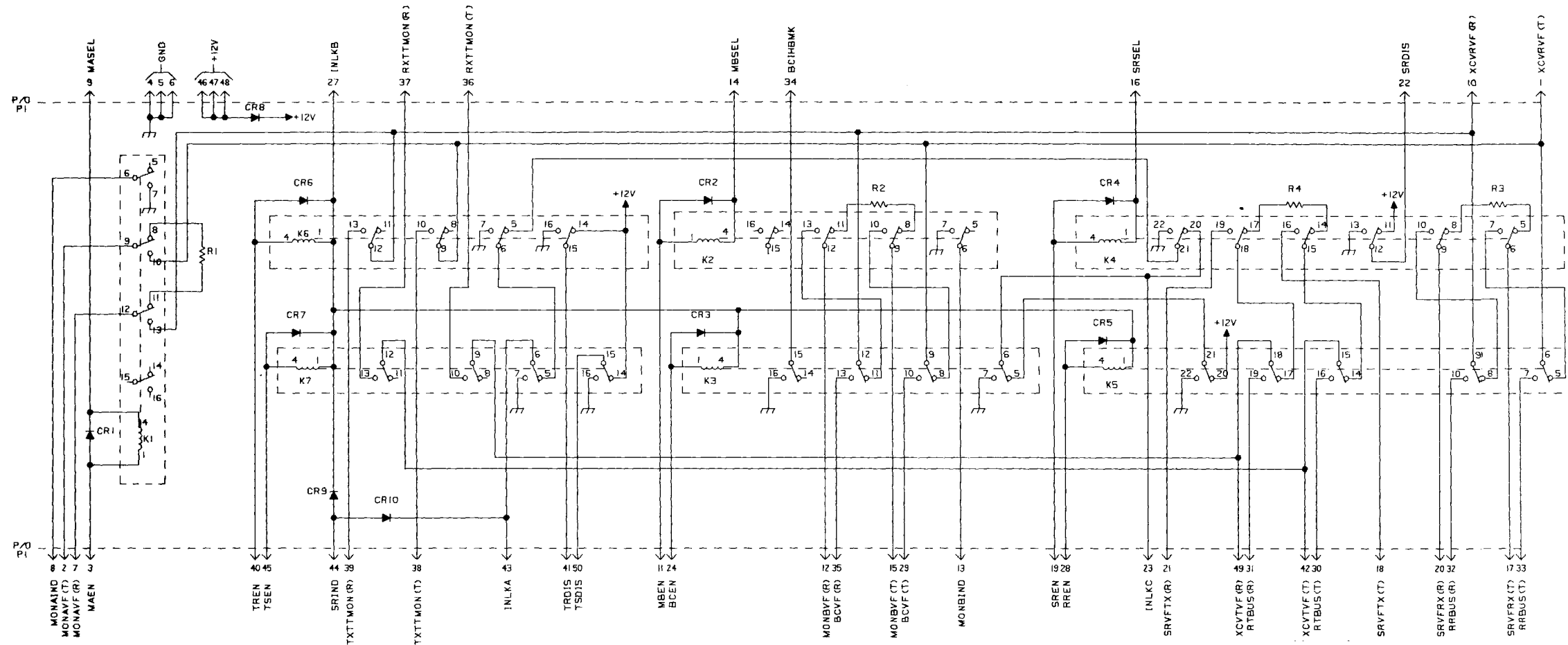
Figure 6-29. Dual VOX PWB, P/N 7052-8110, 2A3A2A9, 5A3A2A9 In Communication Control Console, OJ-512/FRC-176 (V), Schematic Diagram (Sheet 2 of 2)



NOTE: UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN.
FOR A COMPLETE DESIGNATION, PREFIX WITH
UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, $\pm 5\%$.
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN4004.
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY.
COMPONENTS ARE SUPPLIED PER ART NO. IN PARTS LIST.

Figure 6-30. Common Switch PWB, P/N 7052-8090, 2A3A2A10 and 5A3A2A10 In Communication Control Console OJ-512/FRC-176(V), Schematic Diagram



NOTE: UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, $\pm 5\%$.
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN4004.
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER ART NO. IN PARTS LIST.

Figure 6-31. Channel Switch PWB 7052-8130, 2A3A2A11 thru 2A3A2A14, 2A3A3A1 thru 2A3A3A8, 5A3A2A11 thru 5A3A2A14, 5A3A3A1 thru 5A3A3A8 In Communication Control Console OJ-512/FRC-176(V), Schematic Diagram

NOTE: UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ± 5%.
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN4004.
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER ART NO. IN PARTS LIST.

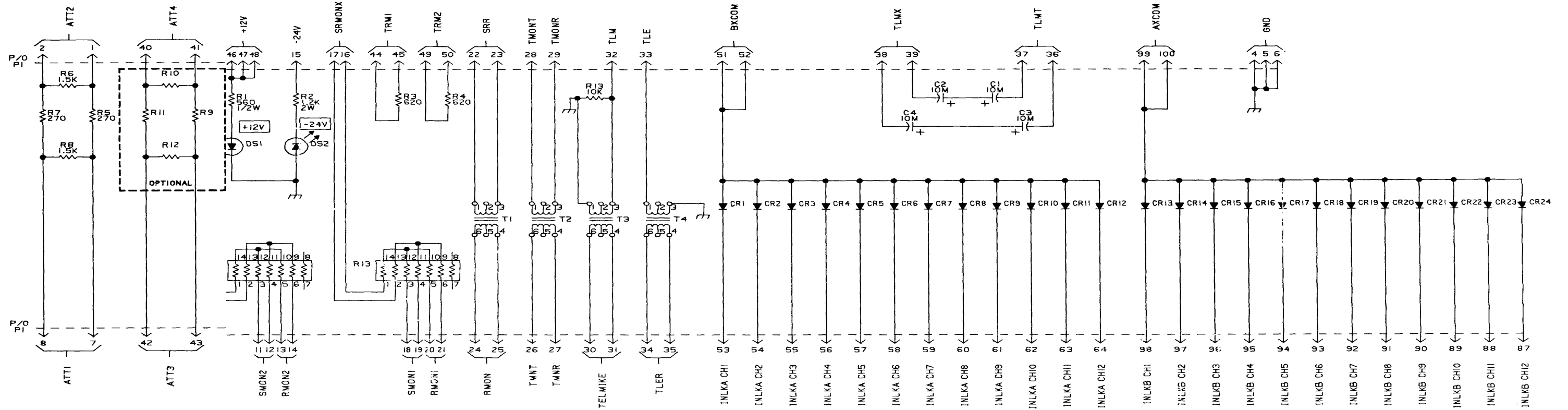


Figure 6-32. VF Monitor PWB, P/N 7052-8030, 2A3A3A9 In Communication Control Console OJ-512/FRC-176(V), Schematic Diagram

6-119/(6-120 blank)

6-119/(6-120 blank)

NOTE: UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN.
FOR A COMPLETE DESIGNATION, PREFIX WITH
UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, \pm
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN4004.
5. VENDOR PART NO. CALLOUTS FOR REFERENCE ONLY.
COMPONENETS ARE SUPPLIED PER PART NO. IN PARTS LIST.

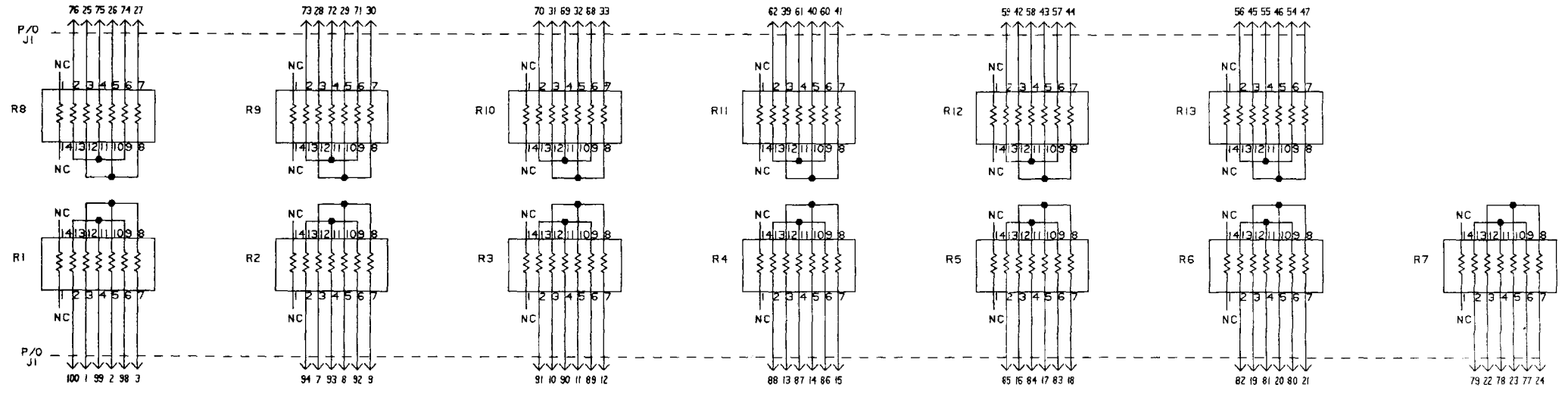


Figure 6-33. Power Divider PWB, P/N 7052-8100, 2A3A4A1 and 2A3A4A2 In Communication Control Console OJ-512/ FRC-176(V), Schematic Diagram

6-121/(6-122 blank)

NOTE: UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN4004.
5. VENDOR PART NO. CALLOUTS FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.

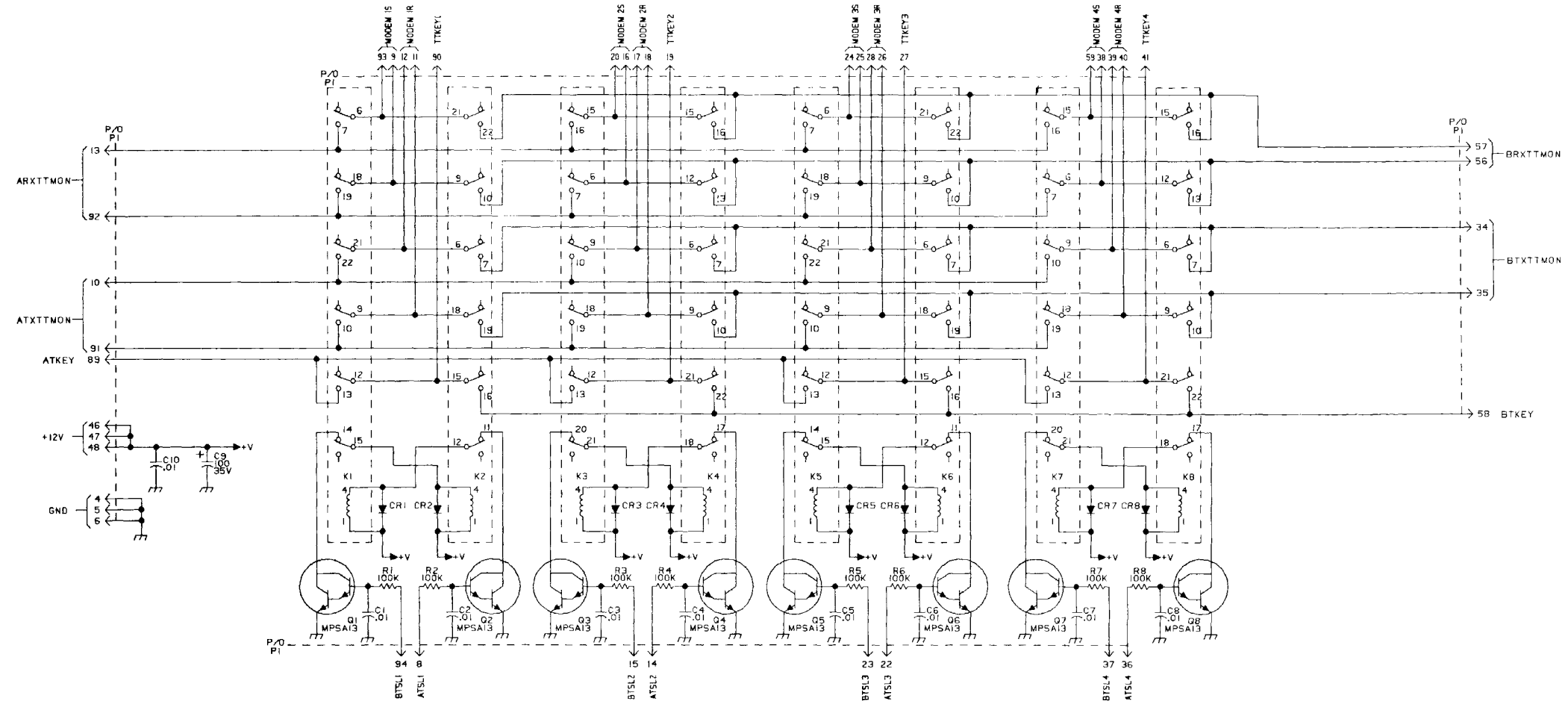


Figure 6-33. TTY Switch PWB, P/N 70528120, 2A3A4A15 In Communication Control Console OJ-512/FRC-176(V), Schematic Diagram

SINGLE OUTPUT POWER SUPPLY

OPERATING INSTRUCTIONS

Acopian modular power supplies are ideally suited to all applications where compact, high performance and high reliability power supplies are required. Modular construction and barrier strip interconnections provide mounting and wiring convenience and flexibility. All models have floating outputs which may be used floating, with either the positive or negative side grounded, and/or in series with another supply(ies). All have built-in short circuit protection; provision for remote sensing of output voltage at the load is optional, for applications where voltage regulation is critical. Reliability over a wide temperature range is insured by the use of silicon semi-conductors, including integrated circuit voltage regulators and the supplies are conservatively rated for operation at ambient temperatures to +71°C.

MODEL B24GT210-230

- R1 - 5K pot
- R2 - 150 ohm 1/2 W 10%
- R3 - 560 ohm 1/4 W 10%
- R4 - short
- R5 - 51k 1/4 W 5% metal film
- R6 - .15 ohm 5W 10%
- R7 - 3.3K 1/4 W 10%
- R8 - 47K 1/2 W 10%
- R9 - 22K 1/4 W 5% metal film
- R10 - omit
- R11 - short
- R12 - 1.5K 1/2 W 10%
- R13 - 22 ohm 1/4 W 10%
- R14 - omit
- R15 - short

- K1 to K4 - 100 piv 3 amp 1n5404
- K5 to K7 - 100 pvi 1 amp 1N4002
- KB - omit
- C1 - 220 ufd/50V
- C2 - 47 ufd/63V
- C3 - 150 ufd/40V
- C4 - omit
- C5 - .002 ufd/100V
- C6 - 2.2 ufd/63V
- C7 - .68 ufd/63V
- C8 - omit
- Q1 - 2N3055
- 1C1 - 2N5296
- T1 - uA723 HC
- F1 - 1/2amp slo-blo

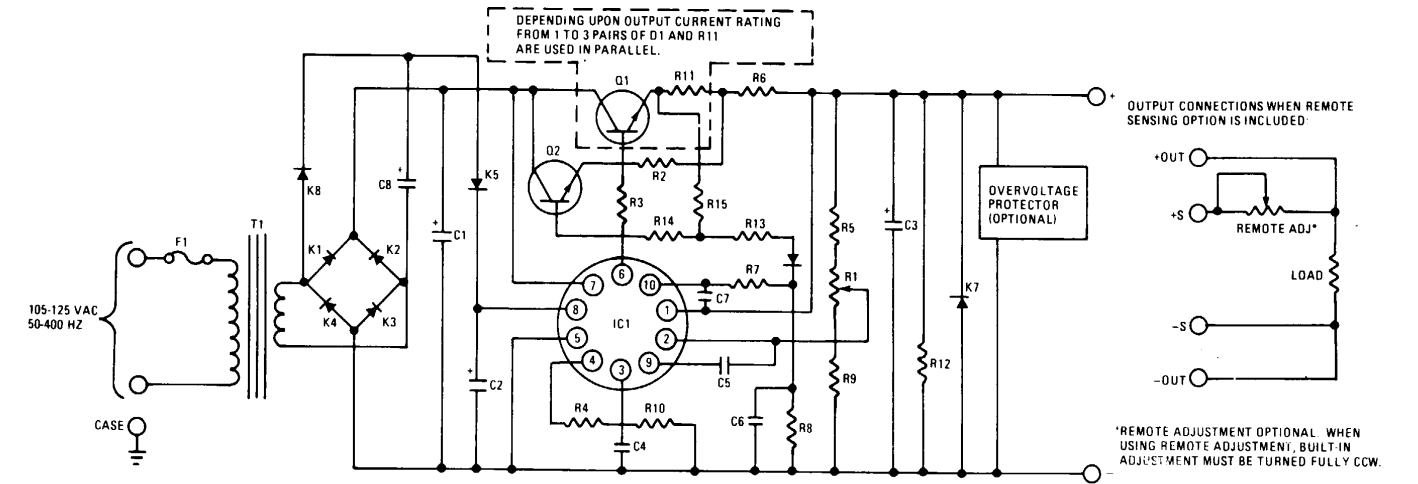


Figure 6-35. -24 Vdc Power Supply, P/N B24GT210-230, 1PS1 and 4PS1 in Communication Console OJ-512/FRC-176(V), Schematic Diagram

SINGLE OUTPUT POWER SUPPLY

OPERATING INSTRUCTIONS

Acopian modular power supplies are ideally suited to all applications where compact, high performance and high reliability power supplies are required. Modular construction and barrier strip interconnections provide mounting and wiring convenience and flexibility. All models have floating outputs which may be used floating, with either the positive or negative side grounded, and/or in series with another supply(ies). All have built-in short circuit protection; provision for remote sensing of output voltage at the load is optional, for applications where voltage regulation is critical. Reliability over a wide temperature range is insured by the use of silicon semi-conductors, including integrated circuit voltage regulators and the supplies are conservatively rated for operation at ambient temperatures to +71°C.

MODEL B24GT210-230

- R1 - 5K pot
- R2 - 150 ohm ½ W 10%
- R3 - 560 ohm ¼ W 10%
- R4 - short
- R5 - 12 ¼ W 5% metal film
- R6 - short
- R7 - 3.3K ¼ W 10%
- R8 - 47k ½ W 10%
- R9 - 22K ¼ W 5% metal film
- R10 - omit
- R11 - .15 ohm 5W 10%
- R12 - 1.5K ½ W 10%
- R13 - 22 ohm ¼ W 10%
- R14 - 560 ohm ¼ W 10%
- R15 - 150 ohm ¼ W 10%

- K1 to K4 - 100 pvi 3 amp 1N5404
- K5 to K7 - 100 pvi 1 amp 1N4002
- KB - omit
- C1 - 1400 ufd/40V
- C2 - 47 ufd/63V
- C3 - 150 ufd/40V
- C4 - omit
- C5 - .01 ufd/100V
- C6 - 2.2 ufd/100V
- C7 - .68 ufd/63V
- C8 - omit
- Q1 - (2) 2N3055
- Q2 - 2N5296
- 1C1 - uA723 HC
- T1 - 12G6.5-230
- F1 - 1 amp slo-blo

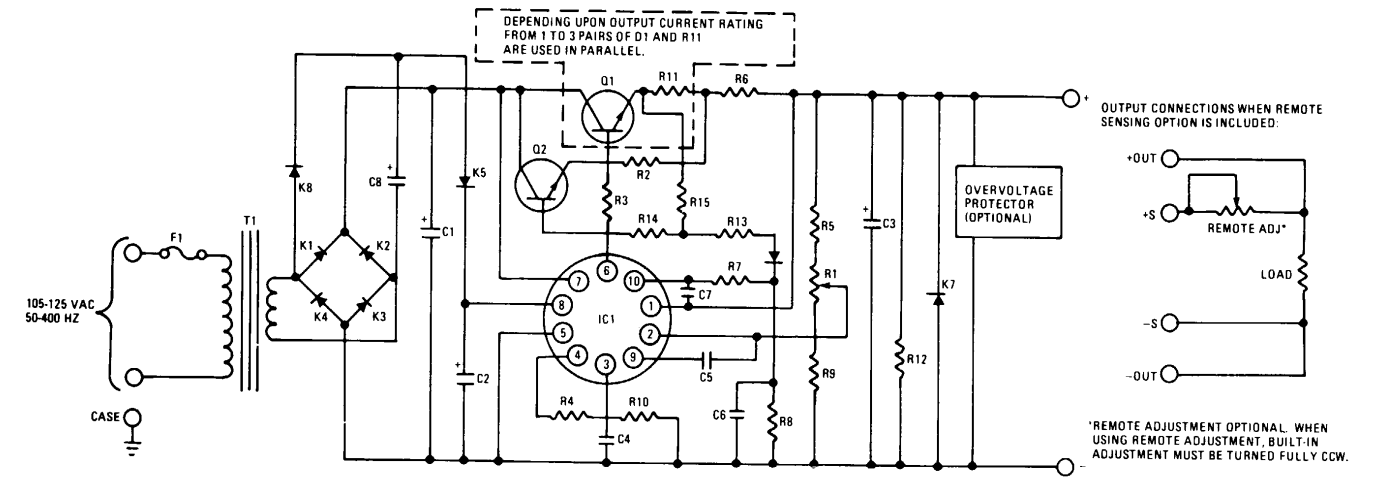
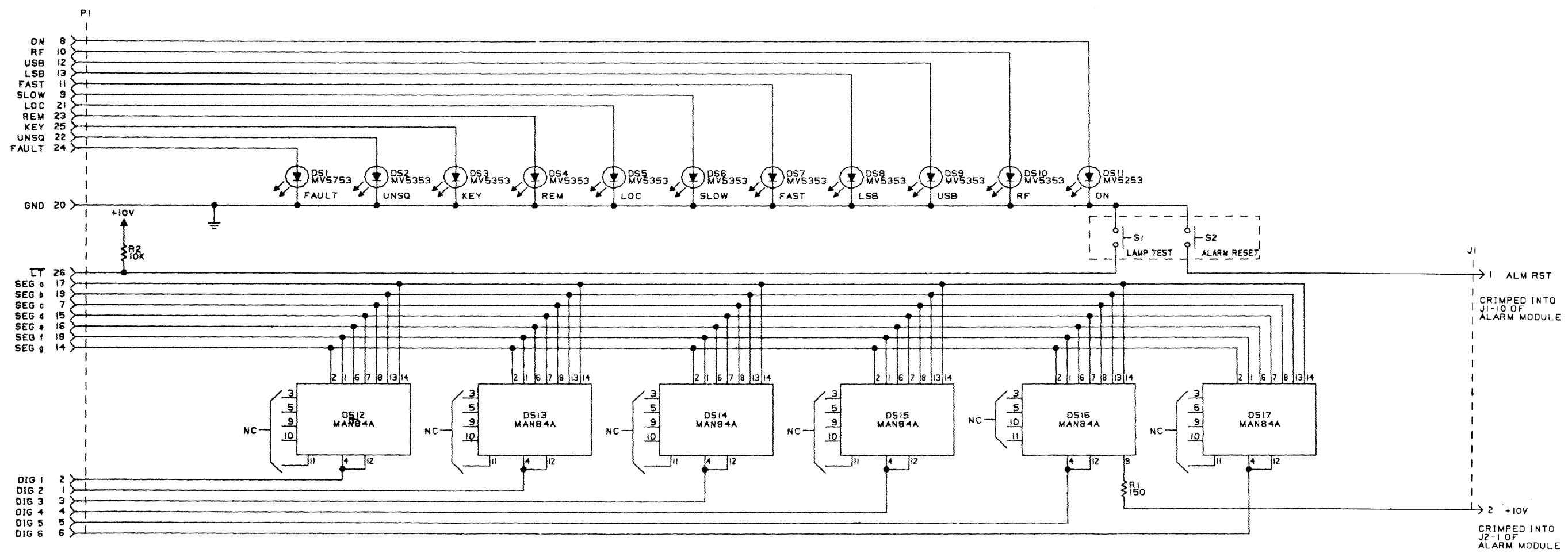


Figure 6-36. +12 Vdc Power Supply, P/N B12GT650-230, 1PS2 and 4PS2 in Communication Control Console, OJ-512/ FRC-176(V), Schematic



- NOTE: UNLESS OTHERWISE SPECIFIED:
1. PARTIAL REFERENCE DESIGNATIONS SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
 2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±5%
 4. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.

Figure 6-37. Status Monitor Unit, P/N 10063-5100, 3A1 and 3A2 Communication Console OJ512/FRC-176(V), Interconnection Diagram

NOTES: UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±5%
ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V
4. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.

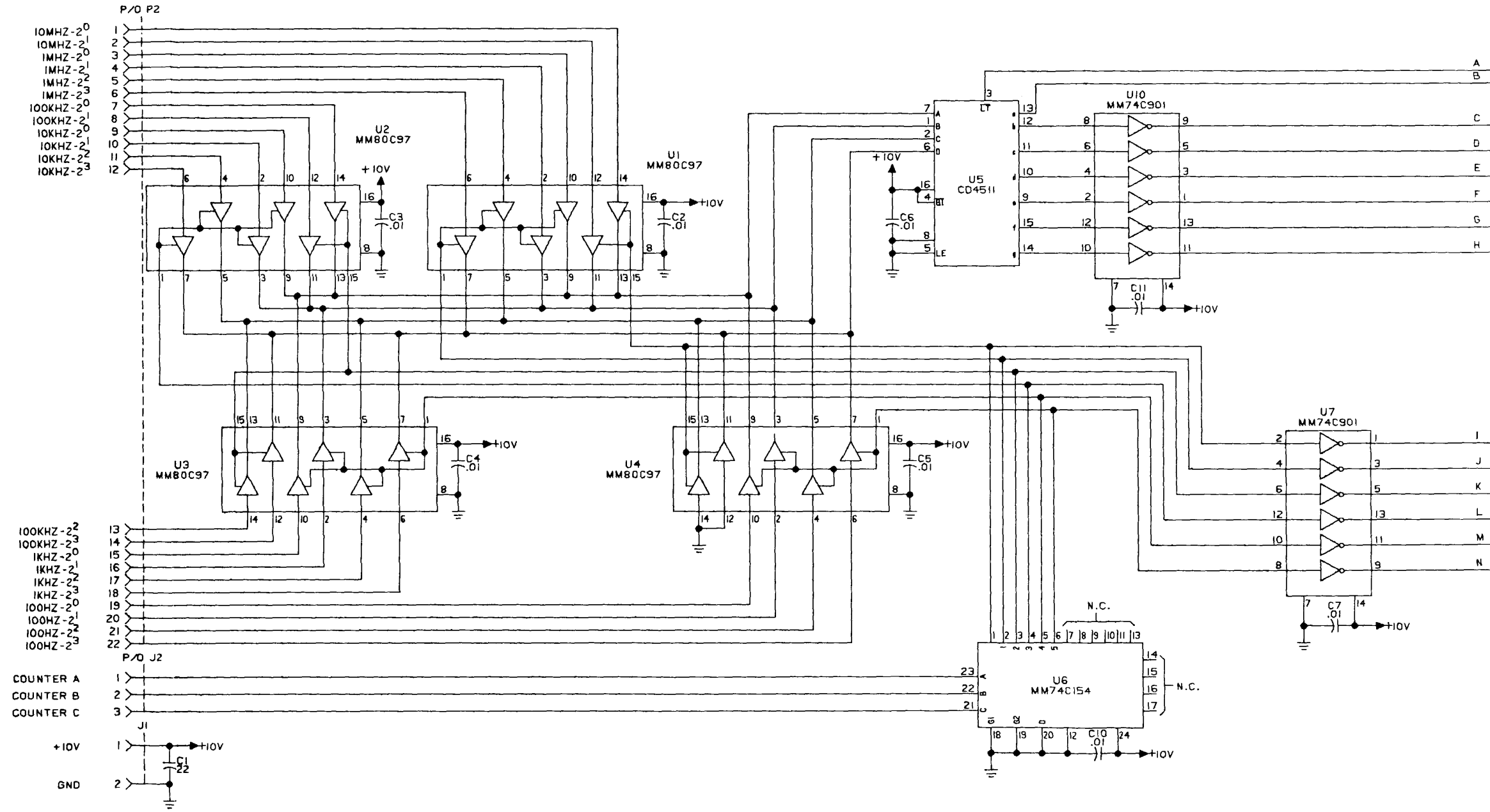


Figure 6-38. Display Driver PWB, P/N 10063-5170, 3A1A2 thru 3A1A7, 3A2A2 thru 3A2A7 In Communication Control Console, OJ-512/FRC-176(V) Schematic Diagram (Sheet 1 of 2)

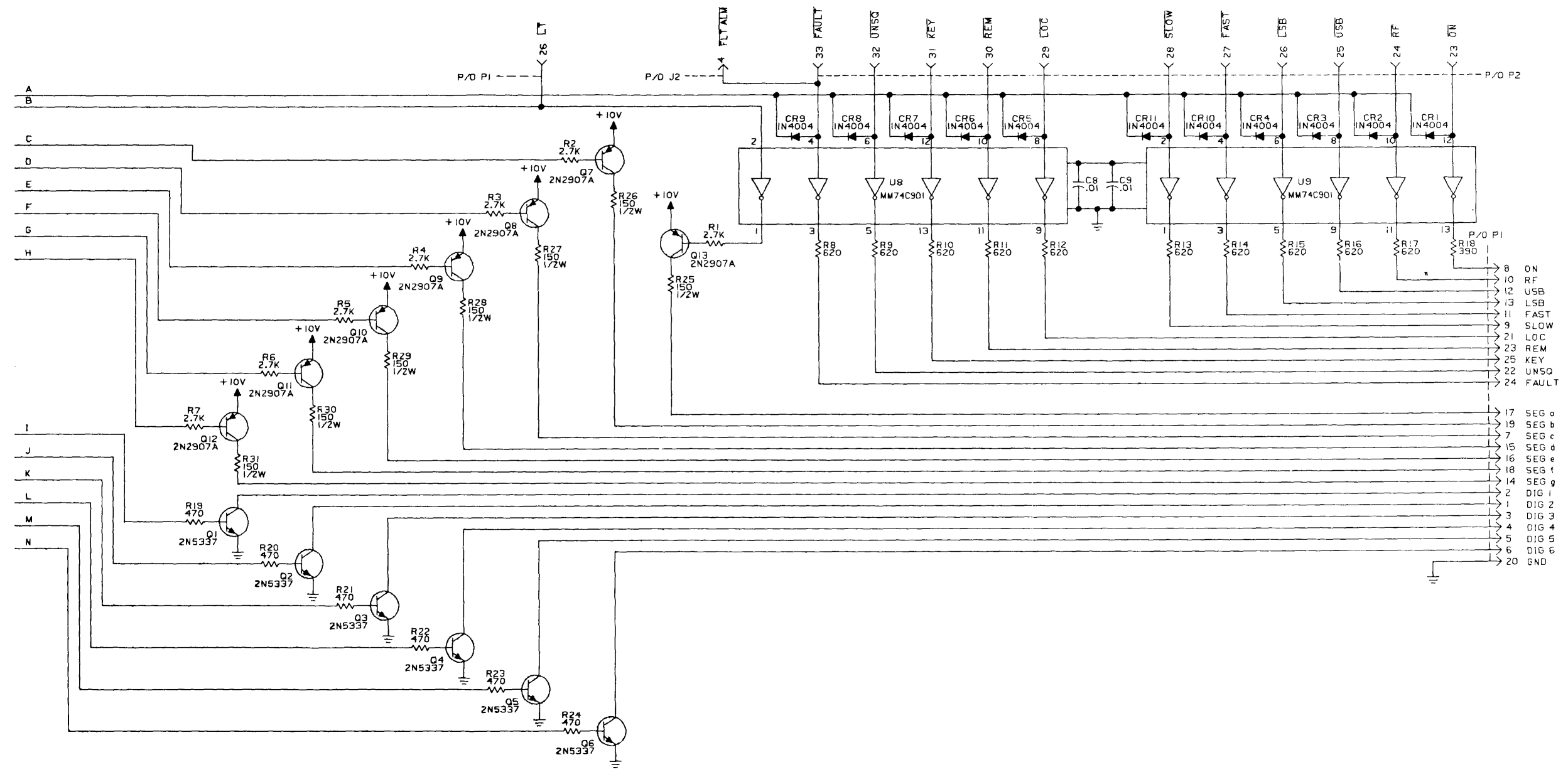


Figure : Display Driver PWB, P/N 10063-5170, 3A1A7, 31A2 thru 3A2A7 In Communication Control Console, OJ-512/FRC-176(V) Schematic Diagram (Sheet 2 of 2)

NOTE : UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESTINATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ± 5%.
3. ALL CAPACITORS VALUES ARE IN MICRO FARADS, 50V.
4. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART LIST.

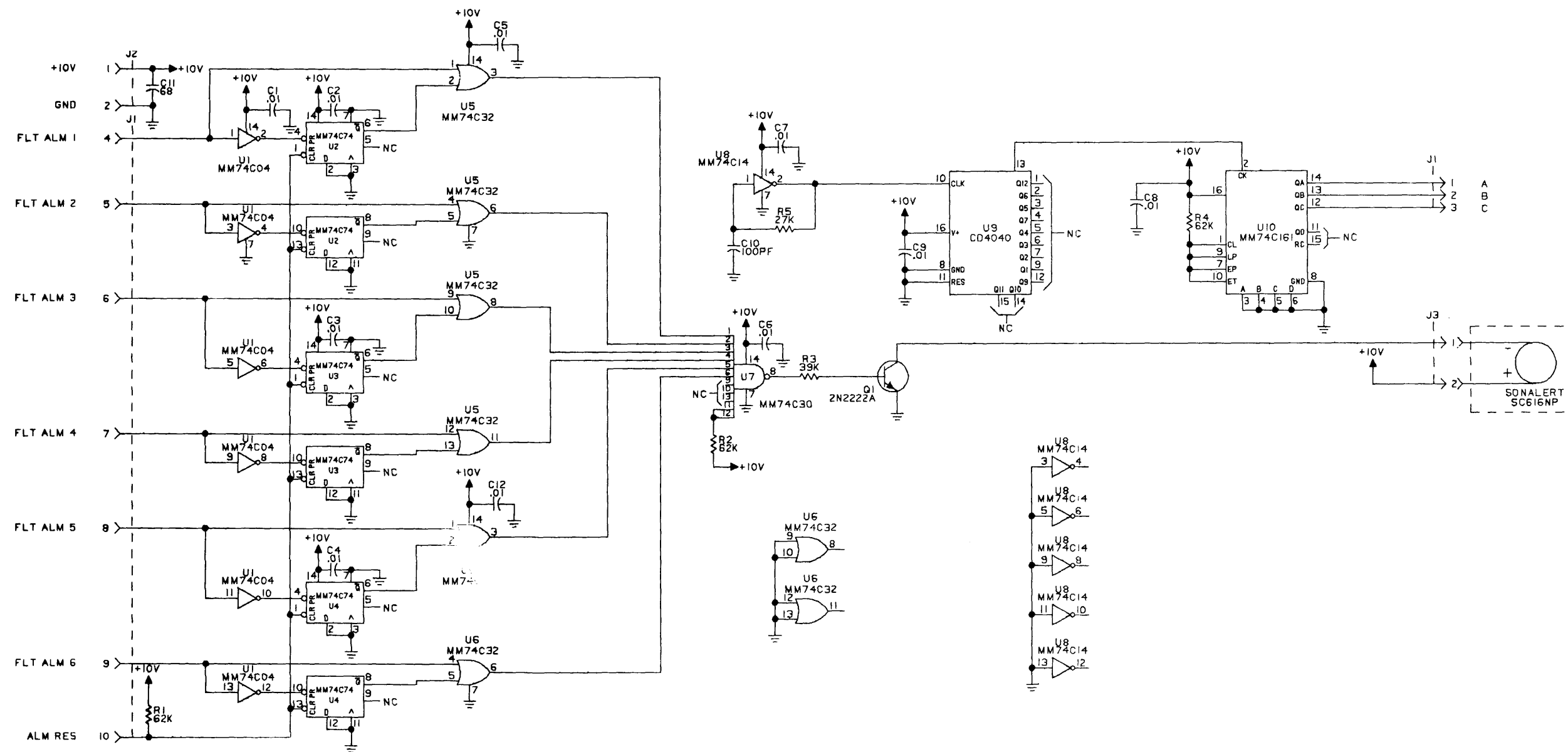
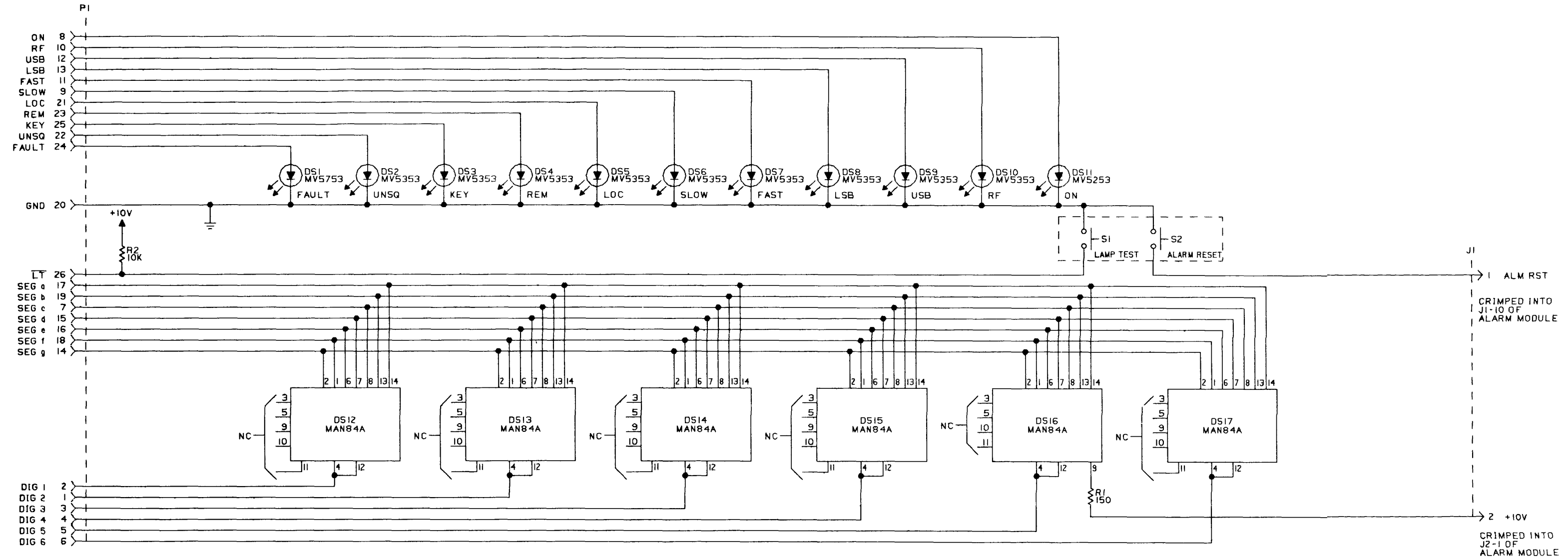


Figure 6-39. Alarm Module PWB, P/N 10063-5180, 3A1A8A1, 3A2A8A1 In communication Control Console OJ-512/FRC-176 (V), Schematic Diagram

6-135/(6-136 BLANK)



NOTE : UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESTINATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ± 5%.
3. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART LIST.

Figure 6-40. Front Panel PWB, P/N 10063-5160, 3A2A1A1A1 Communication Control Console OJ-512/FRC-176(V), Schematic Diagram

6-137/(6-138 blank)

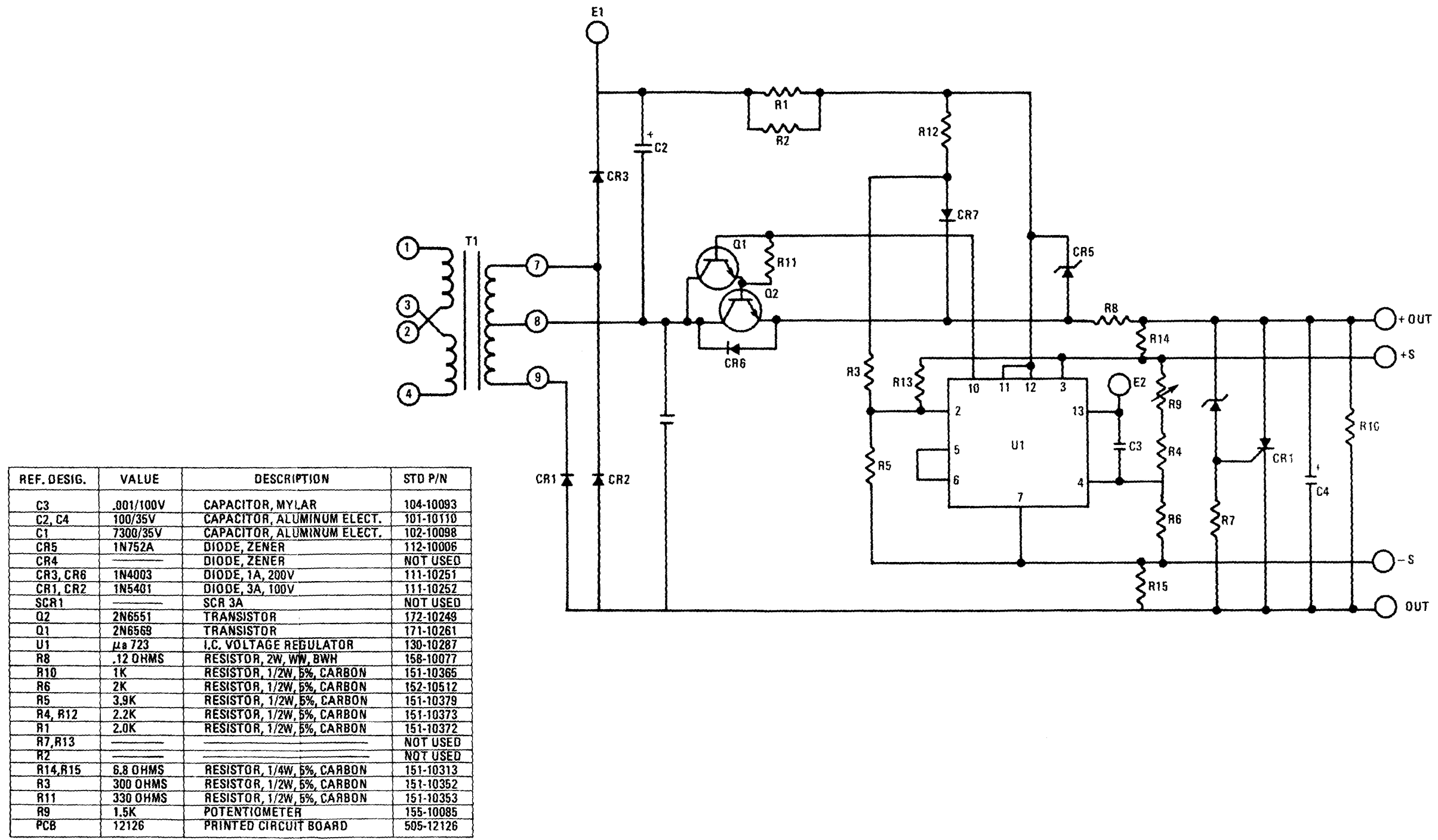


Figure 6-41. Power Supply HC12-3.4, P/N 10063-5140, 3A2PS1 In Communication Control Console OJ-512/FRC-176(V), Schematic Diagram

NOTE : UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESTINATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ± 20%, 50V
3. ALL CAPACITORS VALUES ARE IN MICRO FARADS, 50V.
4. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART LIST.

TM 11-5805-734-14-2
TO 31R5-2FRC176-11-2

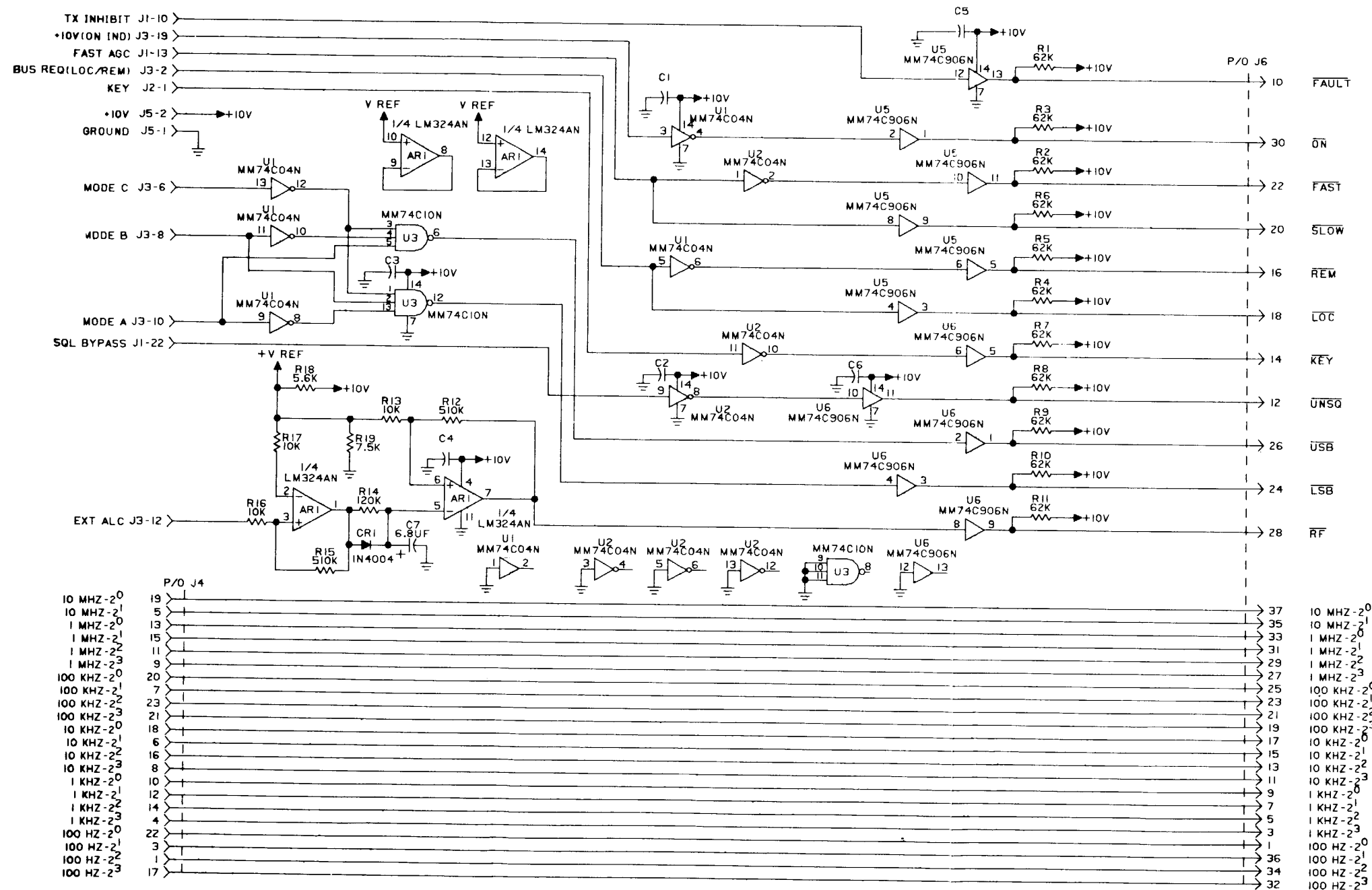


Figure 6-42. Status Monitor J-Box PWB, P/N 10063-6080, 7A1A1 Radio Set AN/URC-176(V)1, Schematic Diagram

6-141/(6-142 blank)

TM 11-5805-734-14-2
TO 31R5-2FRC176-11-2

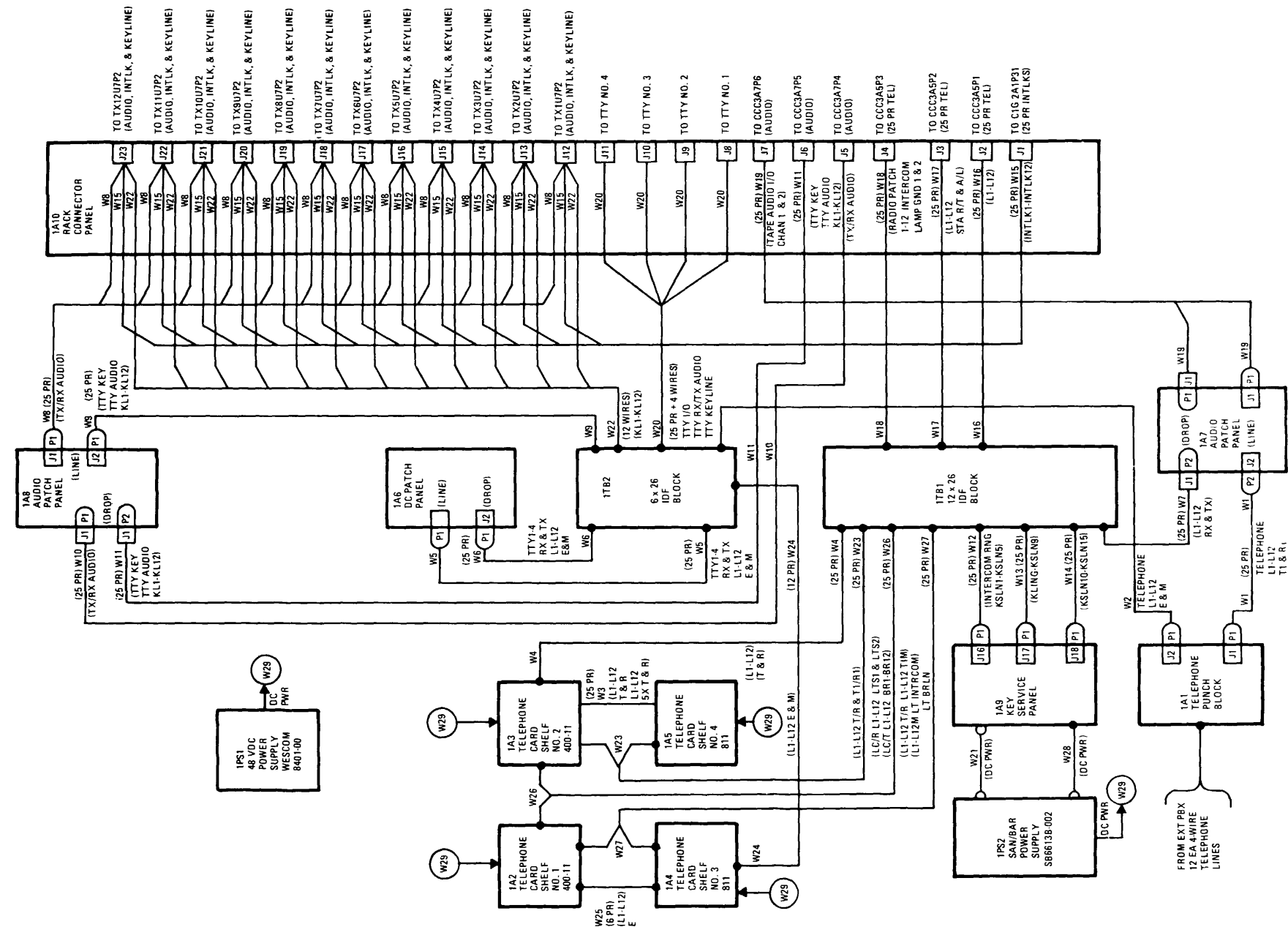


Figure 6-44. Control Interference Group, OK-449 (V) FRC-176(V) - Telephone Equipment Bay Interconnection Diagram (All sites Except Bann)

6-145/(6-146 blank)

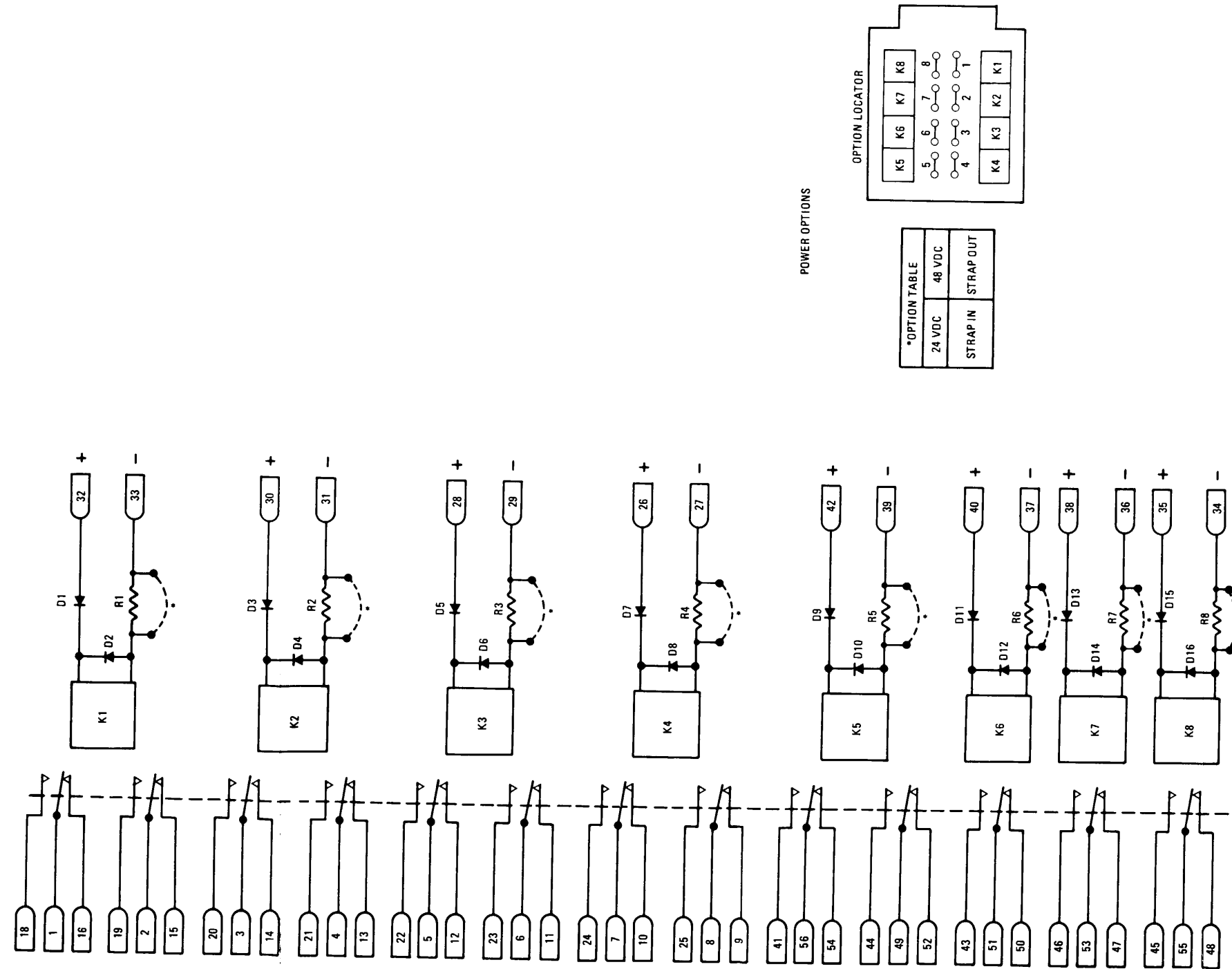


Figure 6-47. Scanner Relay PWB, P/N 4315-08, 1A2A1 in Control Interface Group OK-449 (V)/FRC-176(V), Schematic Diagram

6-155/(6-156 blank)

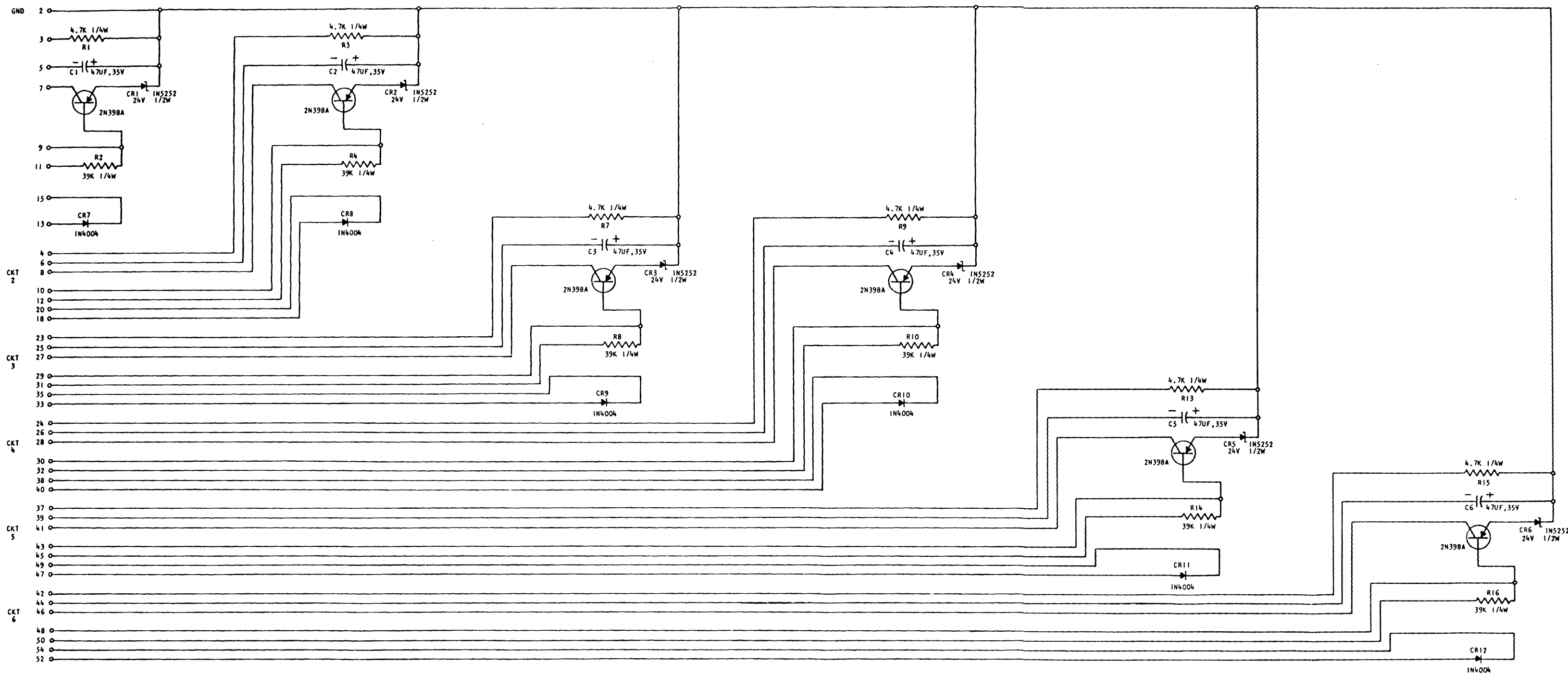
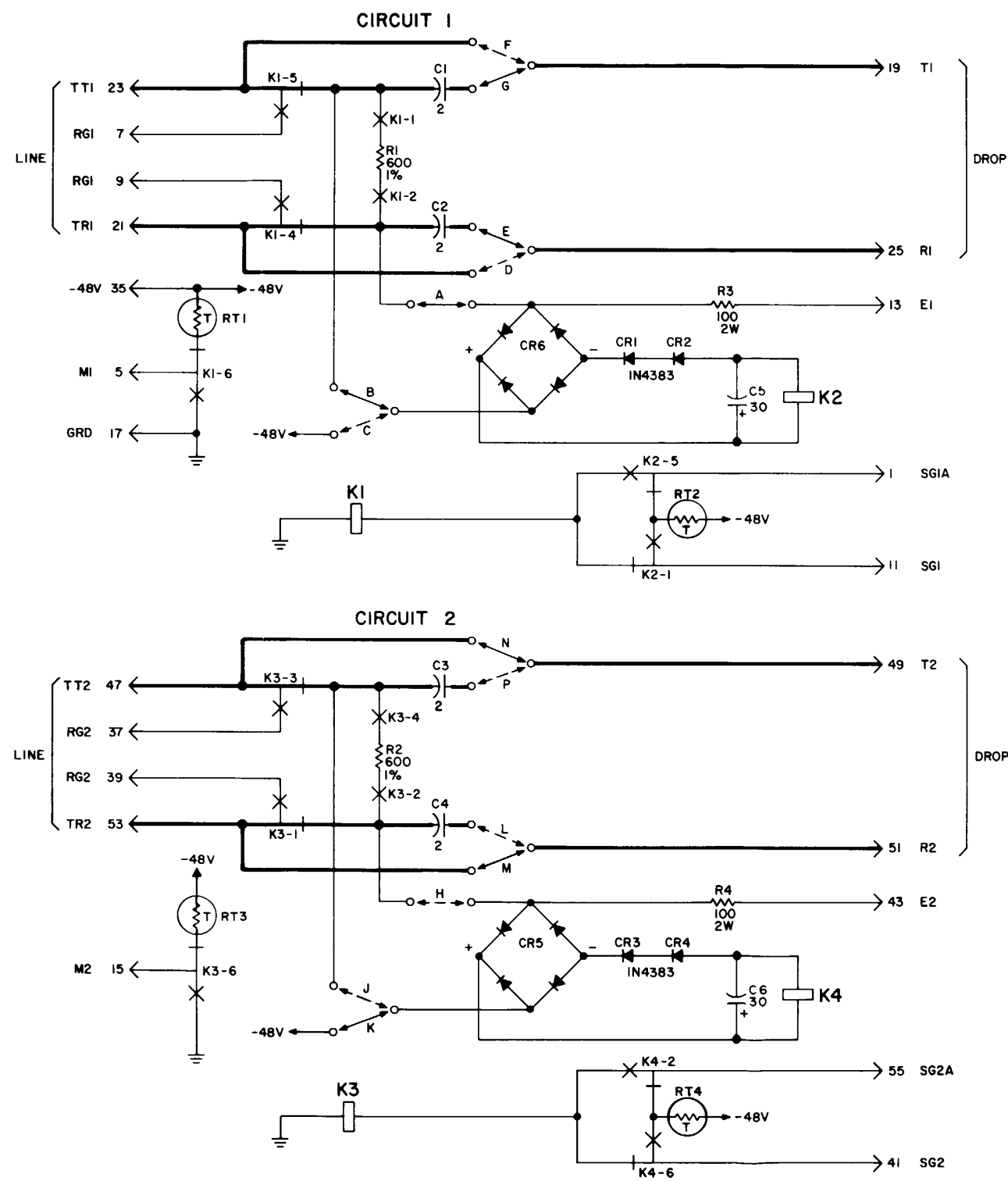


Figure 6-48. Ringing Timer PWB, P/N 7052-8200, 1A2A2 and 1A2A4 Control Interface Group OK-449(V)/FRC-176(V), Schematic Diagram



STRAPPING CHART

| E/M TO SG | CKT 1 | CKT 2 | E | M | SG | STRAP |
|------------|-------|-------|----------|----|----|------------|
| | | | 13 | 5 | 1 | F, D, C |
| | | | 43 | 15 | 55 | N, M, K |
| | | | RING GEN | | | |
| 20HZ TO SG | CKT 1 | CKT 2 | 7 | 9 | 11 | G, E, B, A |
| | | | 37 | 39 | 41 | P, L, H, J |

- NOTES:**
- 1- UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE IN OHMS, ±5%, 1/2 WATT.
ALL CAPACITORS ARE IN UF.
 - 2- ← DENOTES P. C. CONNECTOR.
 - 3- ⊙ DENOTES FRONT PANEL TEST POINTS.
 - 4- [XXX] DENOTES FRONT PANEL DESIGNATIONS.
 - 5- ↔ DENOTES FACTORY STRAPPING OPTION.
 - 6- ⇄ DENOTES INSTALLER STRAPPING OPTION.
 - 7- ✕ DENOTES NORMALLY OPEN RELAY CONTACT.
 - 8- ⊕ DENOTES NORMALLY CLOSED RELAY CONTACT.
 - 9- — DENOTES PRIMARY TRANSMISSION PATH.
 - 10- CIRCUIT 1 SHOWN STRAPPED FOR 20HZ TO SG LEAD CONVERTOR. CIRCUIT 2 SHOWN STRAPPED FOR E & M LEAD TO SG LEAD CONVERTOR.

Figure 6-49. Dual E&M/20 Hz to Signal Lead Converter PWB, P/N 7392, 1A3A1 thru 1A3A6 Control Interface Group OK-449(V)/FRC-176(V) Schematic Diagram

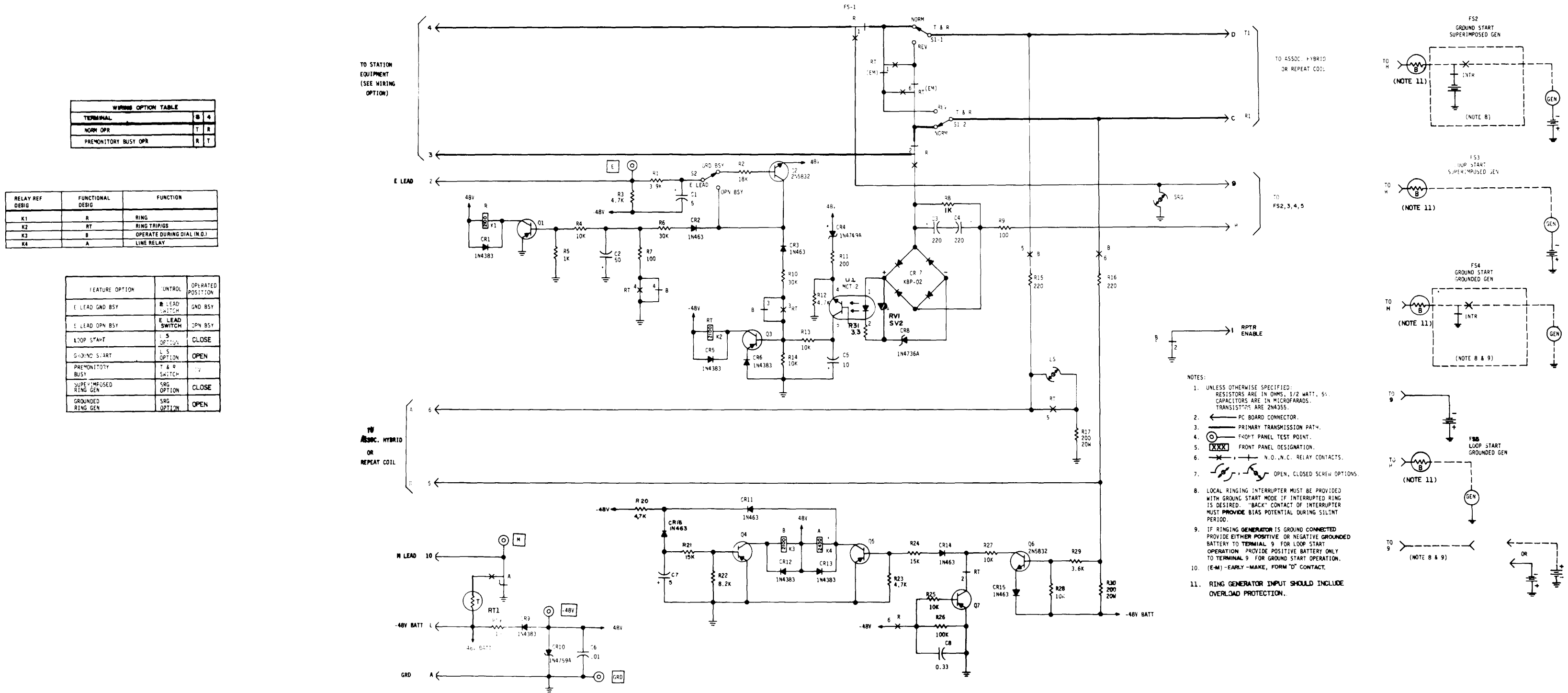


Figure 6-50. Loop to E&M Dial Long Line Station End PWB, P/N 7361, 1A4A1 thru 1A4A12 In Control Interface Group OK-449(V)/FRC(V), Schematic Diagram

| FUNCTION | OPTION | | NOTE |
|------------------------|----------|--------|--|
| | IN | OUT | |
| XMT LINE IMPEDANCE | E | E | 600 OHM IMPEDANCE |
| RCV LINE IMPEDANCE | F | F | 900 OHM IMPEDANCE |
| M LEAD BYPASS | D | C B G | PROVIDE M LEAD BYPASS FOR NORMAL OPERATION |
| LF RCV | B | B | WITH EQUALIZER SUBASSEMBLY |
| LF XMT | A | A | WITH DUAL EQUALIZER SUBASSEMBLY |
| NET BUILD OUT CAPACITY | S3 TO S7 | | WHEN ADJUSTED TO THE "ON" POSITION THE OPTION IS CLOSED ADD CAPACITY OF SWITCHES CLOSED FOR TOTAL NBOC |
| COMP NET | S2 ON | S2 OFF | COMPROMISE NETWORK WHEN A PRECISION BALANCE NET IS USED |
| A B B LEAD CAP | S1 ON | S1 OFF | NORMAL OPERATION IF CAPACITOR IS SUPPLIED EXTERNALLY |

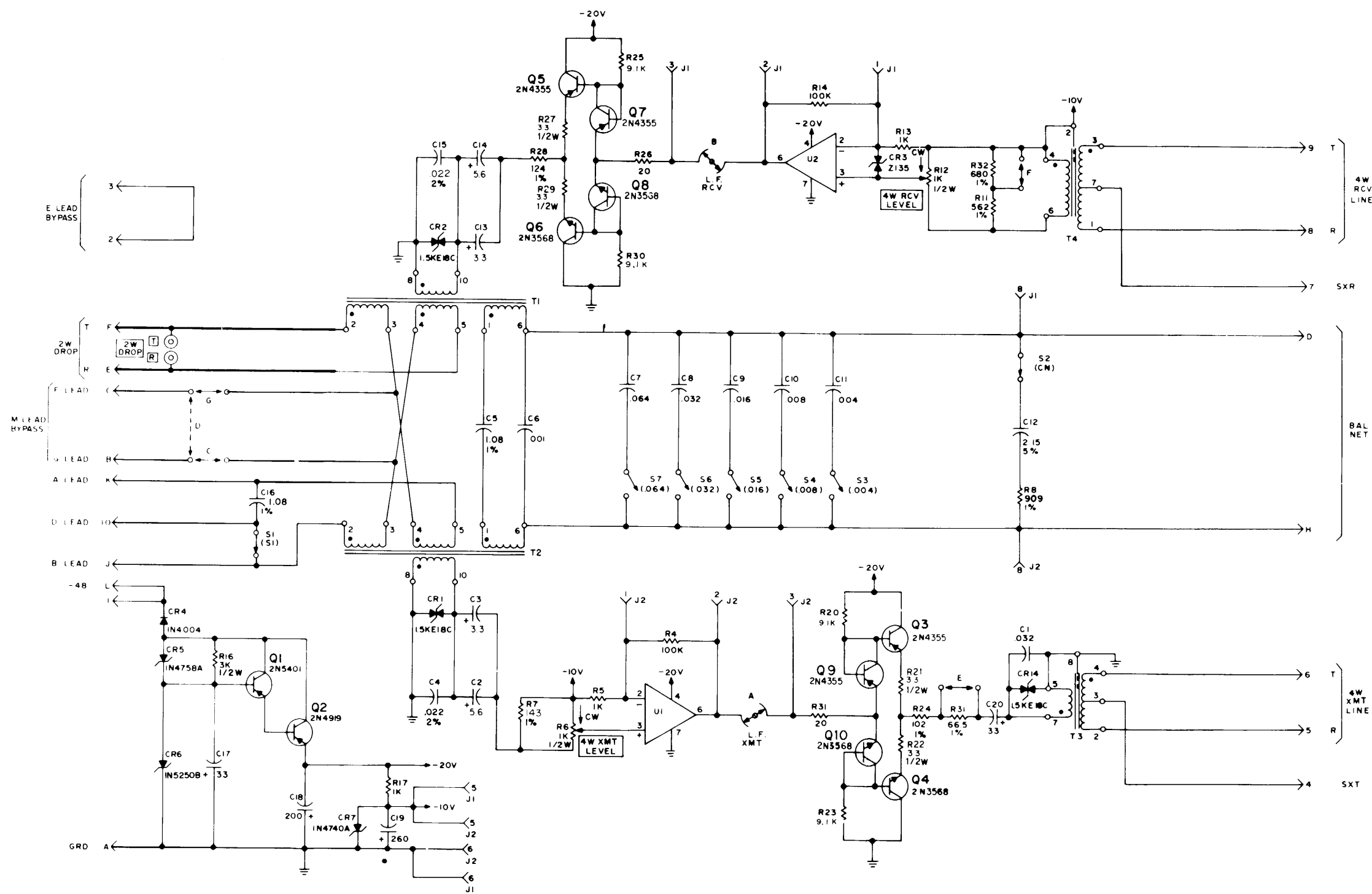
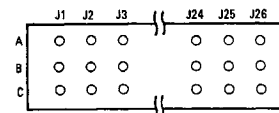
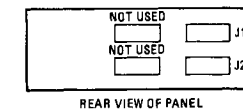


Figure 6-51. 2-Wire to 4-Wire Repeater PWB, P/N 7441, 1A5A1 thru 1A5A12 In Control Interface Group OK-449(V) FRC-176(V), Schematic Diagram

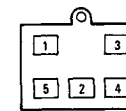
| From | To | Function | Notes |
|---------|----------|------------------------|---|
| AJ1 - 1 | CJ 1 - 1 | | 1. Use WHT wire for jumpers. |
| - 2 | BJ 1 - 2 | | |
| - 3 | CJ 1 - 3 | | |
| - 4 | BJ 1 - 4 | | |
| AJ1 - 5 | NC | | |
| | | | 2. Wire J2 thru J25 the same as J1 then add wires called out on pages 3 thru 6. |
| BJ1 - 1 | AJ 1 - 2 | | |
| - 2 | | | |
| - 3 | AJ 1 - 4 | | |
| - 4 | | | |
| BJ1 - 5 | | | |
| CJ1 - 1 | AJ 1 - 1 | | |
| - 2 | NC | | |
| - 3 | AJ 1 - 3 | | |
| - 4 | NC | | |
| CJ1 - 5 | | | |
| J1 - 1 | AJ 1 - 1 | TTY No. 1 Rx | BLU/WHT |
| - 26 | AJ 1 - 3 | TTY No. 1 Rx | WHT/BLU |
| - 2 | AJ 2 - 1 | TTY No. 1 Tx | ORN/WHT |
| - 27 | AJ 2 - 3 | TTY No. 1 Tx | WHT/ORN |
| - 3 | AJ 3 - 1 | TTY No. 2 Rx | GRN/WHT |
| - 28 | AJ 3 - 3 | TTY No. 2 Rx | WHT/GRN |
| - 4 | AJ 4 - 1 | TTY No. 2 Tx | BRN/WHT |
| - 29 | AJ 4 - 3 | TTY No. 2 Tx | WHT/BRN |
| - 5 | AJ 5 - 1 | TTY No. 3 Rx | SLATE/WHT |
| - 30 | AJ 5 - 3 | TTY No. 3 Rx | WHT/SLATE |
| - 6 | AJ 6 - 1 | TTY No. 3 Tx | BLU/RED |
| - 31 | AJ 6 - 3 | TTY No. 3 Tx | RED/BLU |
| - 7 | AJ 7 - 1 | TTY No. 4 Rx | ORN/RED |
| - 32 | AJ 7 - 3 | | RED/ORN |
| - 8 | AJ 8 - 1 | TTY No. 4 Tx | GRN/RED |
| - 33 | AJ 8 - 3 | TTY No. 4 Tx | RED/GRN |
| - 9 | AJ 9 - 1 | | BRN/RED |
| - 34 | AJ 9 - 3 | | RED/BRN |
| - 10 | AJ10 - 1 | | SLATE/RED |
| - 35 | AJ10 - 3 | | RED/SLATE |
| - 11 | AJ11 - 1 | | BLU/BLK |
| - 36 | AJ11 - 3 | | BLK/BLU |
| - 12 | AJ12 - 1 | | ORN/BLK |
| - 37 | AJ12 - 3 | | BLK/ORN |
| - 13 | AJ13 - 1 | | GRN/BLK |
| - 38 | AJ13 - 3 | | BLK/GRN |
| - 14 | AJ14 - 1 | Line 1 E & M Signaling | BRN/BLK |
| J1 - 39 | AJ14 - 3 | Line 1 E & M Signaling | BLK/BRN |

| From | To | Function | Notes |
|---------|----------|-------------------------|-----------|
| J1 - 15 | AJ15 - 1 | Line 2 E & M | SLATE/BLK |
| - 40 | AJ15 - 3 | | BLK/SLATE |
| - 16 | AJ16 - 1 | Line 3 E & M Signaling | BLU/YEL |
| - 41 | AJ16 - 3 | Line 3 E & M Signaling | YEL/BLU |
| - 17 | AJ17 - 1 | Line 4 E & M Signaling | ORN/YEL |
| - 42 | AJ17 - 3 | Line 4 E & M Signaling | YEL/ORN |
| - 18 | AJ18 - 1 | Line 5 E & M Signaling | GRN/YEL |
| - 43 | AJ18 - 3 | Line 5 E & M Signaling | YEL/GRN |
| - 19 | AJ19 - 1 | Line 6 E & M Signaling | BRN/YEL |
| - 44 | AJ19 - 3 | Line 6 E & M Signaling | YEL/BRN |
| - 20 | AJ20 - 1 | Line 7 E & M Signaling | SLATE/YEL |
| - 45 | AJ20 - 3 | Line 7 E & M Signaling | YEL/SLATE |
| - 21 | AJ21 - 1 | Line 8 E & M Signaling | BLU/VIO |
| - 46 | AJ21 - 3 | Line 8 E & M Signaling | VIO/BLU |
| - 22 | AJ22 - 1 | Line 9 E & M Signaling | ORN/VIO |
| - 47 | AJ22 - 3 | Line 9 E & M Signaling | VIO/ORN |
| - 23 | AJ23 - 1 | Line 10 E & M Signaling | GRN/VIO |
| - 48 | AJ23 - 3 | Line 10 E & M Signaling | VIO/GRN |
| - 24 | AJ24 - 1 | Line 11 E & M Signaling | BRN/VIO |
| - 49 | AJ24 - 3 | Line 11 E & M Signaling | VIO/BRN |
| - 25 | AJ25 - 1 | Line 12 E & M Signaling | SLATE/VIO |
| J1 - 50 | AJ25 - 3 | Line 12 E & M Signaling | VIO/SLATE |
| J2 - 1 | BJ 1 - 1 | | BLU/WHT |
| - 26 | BJ 1 - 3 | | WHT/BLU |
| - 2 | BJ 2 - 1 | | ORN/WHT |
| - 27 | BJ 2 - 3 | | WHT/ORN |
| - 3 | BJ 3 - 1 | | GRN/WHT |
| - 28 | BJ 3 - 3 | | WHT/GRN |
| - 4 | BJ 4 - 1 | | BRN/WHT |
| - 29 | BJ 4 - 3 | | WHT/BRN |
| - 5 | BJ 5 - 1 | | SLATE/WHT |
| - 30 | BJ 5 - 3 | | WHT/SLATE |
| - 6 | BJ 6 - 1 | | BLU/RED |
| - 31 | BJ 6 - 3 | | RED/BLU |
| - 7 | BJ 7 - 1 | | ORN/RED |
| - 32 | BJ 7 - 3 | | RED/ORN |
| - 8 | BJ 8 - 1 | | GRN/RED |
| - 33 | BJ 8 - 3 | | RED/GRN |
| - 9 | BJ 9 - 1 | | BRN/RED |
| - 34 | BJ 9 - 3 | | RED/BRN |
| - 10 | BJ10 - 1 | | SLATE/RED |
| J2 - 35 | BJ10 - 3 | | RED/SLATE |

| From | To | Function | Notes |
|---------|----------|----------|-----------|
| J2 - 11 | BJ11 - 1 | | BLU/BLK |
| - 36 | BJ11 - 3 | | BLK/BLU |
| - 12 | BJ12 - 1 | | ORN/BLK |
| - 37 | BJ12 - 3 | | BLK/ORN |
| - 13 | BJ13 - 1 | | GRN/BLK |
| - 38 | BJ13 - 3 | | BLK/GRN |
| - 14 | BJ14 - 1 | | BRN/BLK |
| - 39 | BJ14 - 3 | | BLK/BRN |
| - 15 | BJ15 - 1 | | SLATE/BLK |
| - 40 | BJ15 - 3 | | BLK/SLATE |
| - 16 | BJ16 - 1 | | BLU/YEL |
| - 41 | BJ16 - 3 | | YEL/BLU |
| - 17 | BJ17 - 1 | | ORN/YEL |
| - 42 | BJ17 - 3 | | YEL/ORN |
| - 18 | BJ18 - 1 | | GRN/YEL |
| - 43 | BJ18 - 3 | | YEL/GRN |
| - 19 | BJ19 - 1 | | BRN/YEL |
| - 44 | BJ19 - 3 | | YEL/BRN |
| - 20 | BJ20 - 1 | | SLATE/YEL |
| - 45 | BJ20 - 3 | | YEL/SLATE |
| - 21 | BJ21 - 1 | | BLU/VIO |
| - 46 | BJ21 - 3 | | VIO/BLU |
| - 22 | BJ22 - 1 | | ORN/VIO |
| - 47 | BJ22 - 3 | | VIO/ORN |
| - 23 | BJ23 - 1 | | GRN/VIO |
| - 48 | BJ23 - 3 | | VIO/GRN |
| - 24 | BJ24 - 1 | | BRN/VIO |
| - 49 | BJ24 - 3 | | VIO/BRN |
| - 25 | BJ25 - 1 | | SLATE/VIO |
| J2 - 50 | BJ25 - 3 | | VIO/SLATE |



FRONT VIEW OF PANEL
NOTE: J26 NOT USED



REAR VIEW OF JACK

Figure 6-52. DC Patch Panel, P/N 7052-+5100, 1A6 Control Interface Group 0K-449(V)/FRC-176(V), Wire Run List

6-165/(6-166 blank)

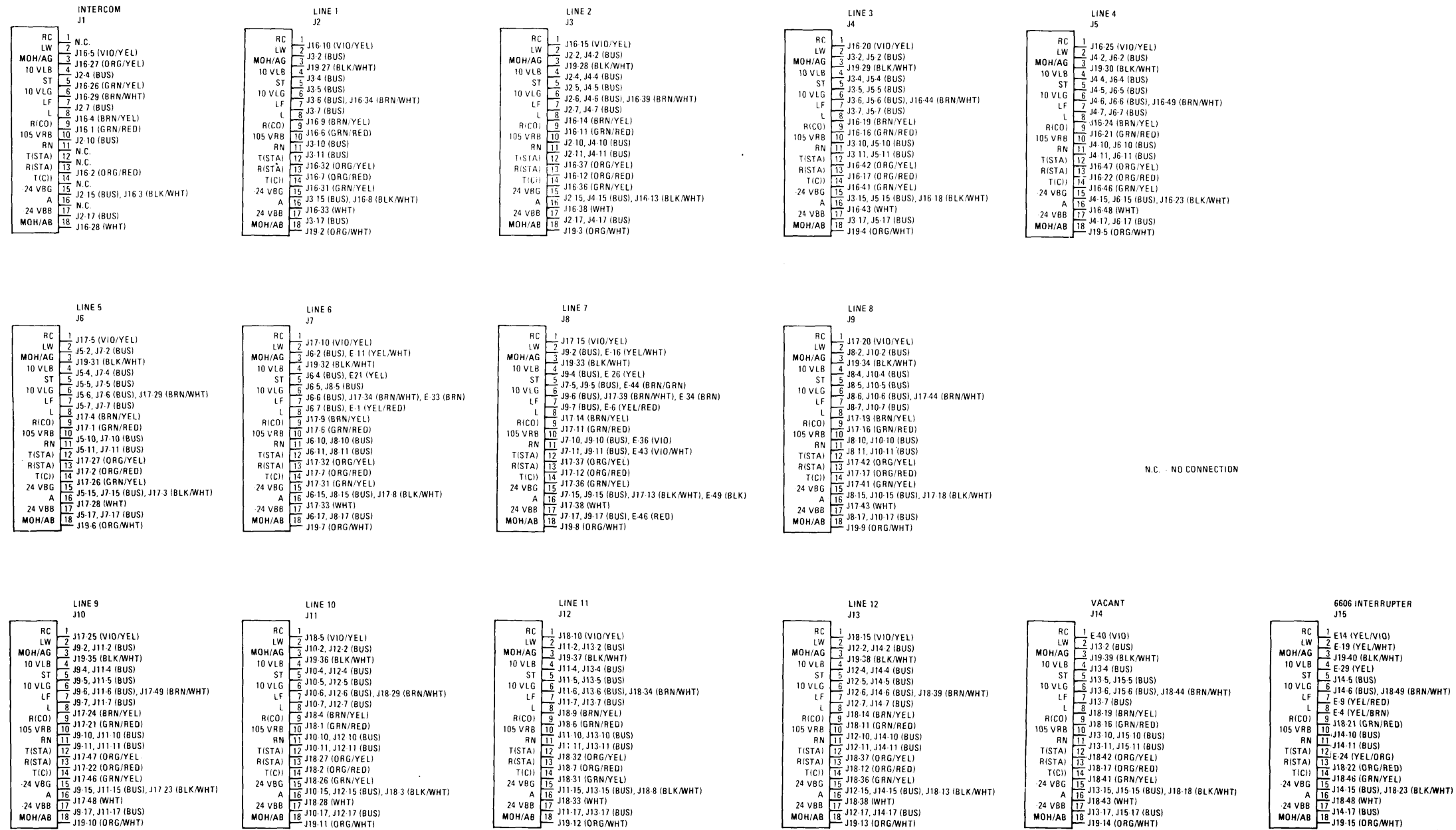


Figure 6-54. Key Service Panel, P/N SB6615B-3, 1A9 In Control Interface Group 0K-449(V)/FRC-176(V), Schematic Diagram (Sheet 1 of 3)

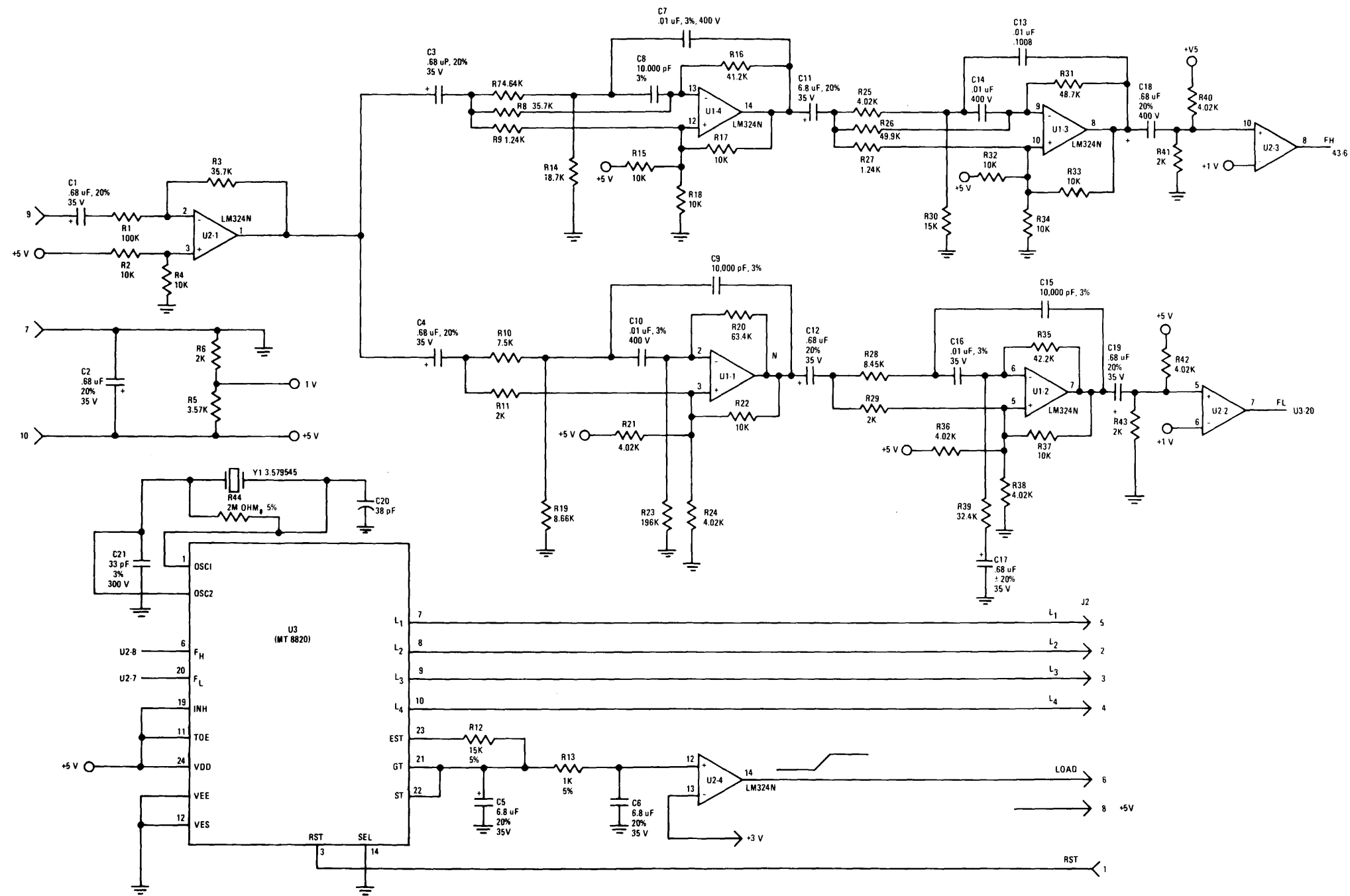


Figure 6-55. Single Link-To-Station
Intercom PWB, P/N SB6609B,
1A9A1 In Control Interface
Group 0K-449(V)/
FRC-176(V), Schematic
Diagram (Sheet 1 of 2)

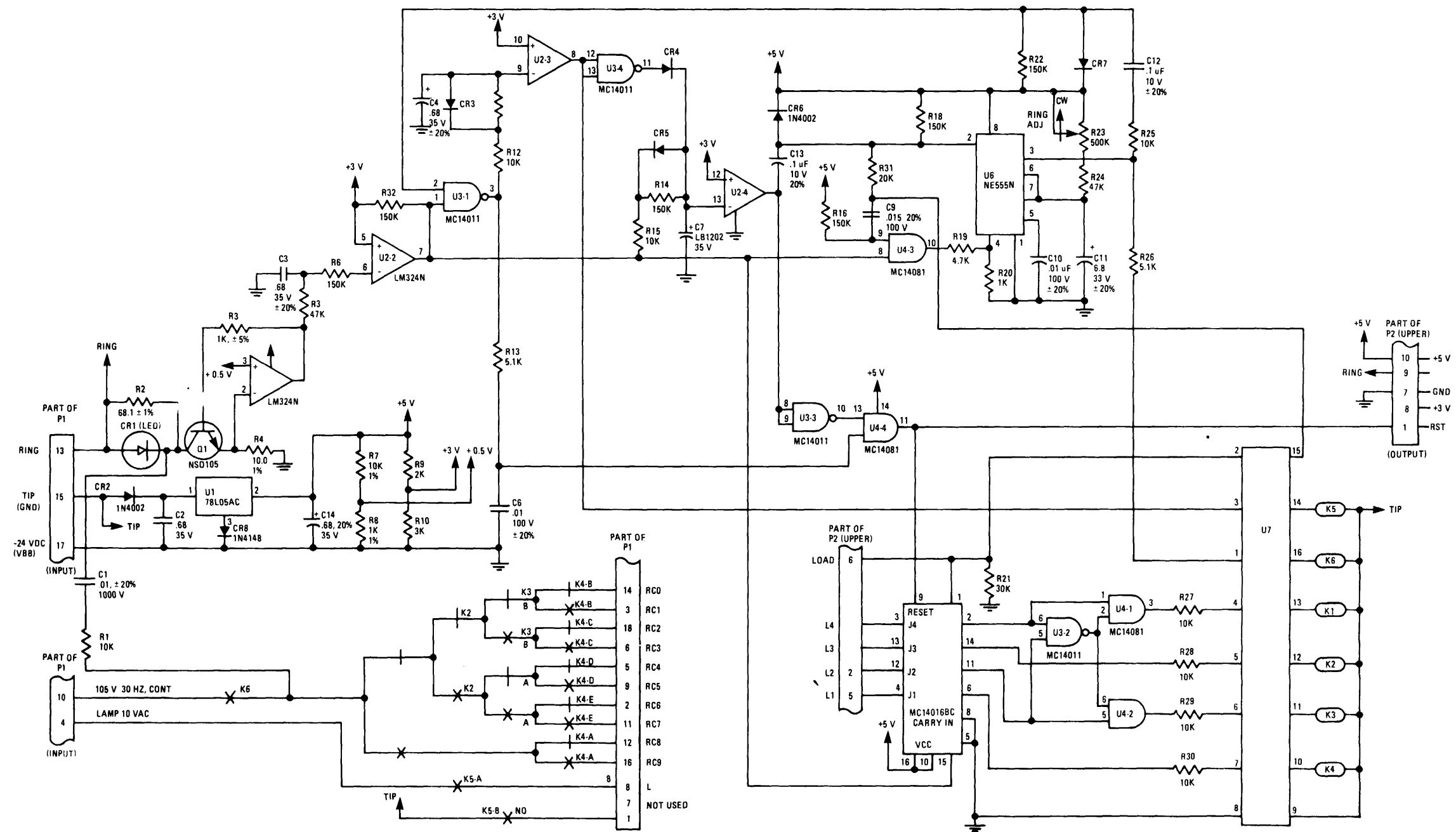


Figure 6-55. Single Link-To-Station
Intercom PWB, P/N SB6609B,
1A9A1 In Control Interface
Group 0K-449(V)/
FRC-176(V), Schematic
Diagram (Sheet 2 of 2)

6-177/(6-178 blank)

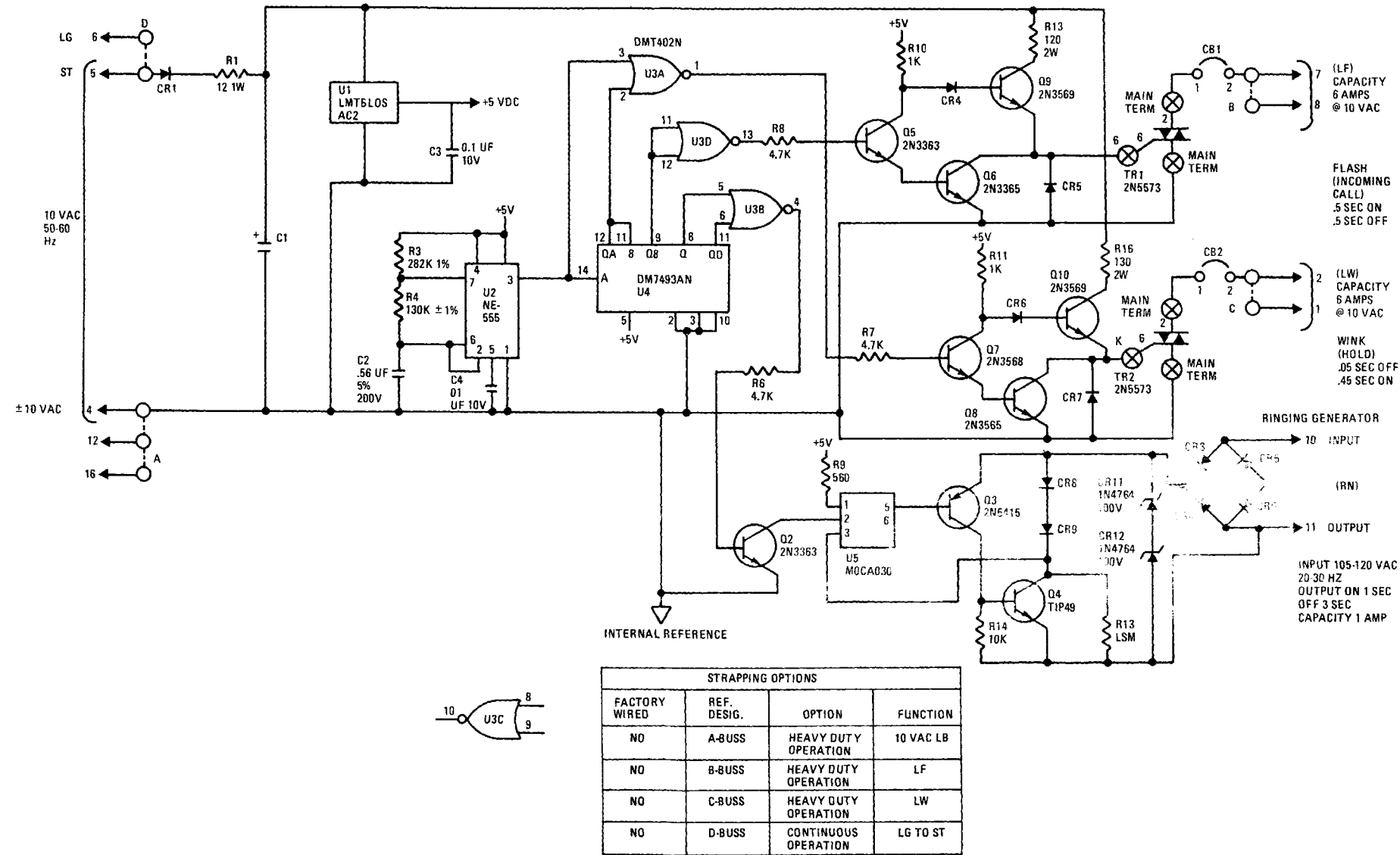


Figure 6-57. Solid State Interrupter
PWB, P/N SB6606B, 1A9A15
In Control Interface Group
OK-449(V)/FRC-176(V),
Schematic Diagram

6-181/(6-182 blank)

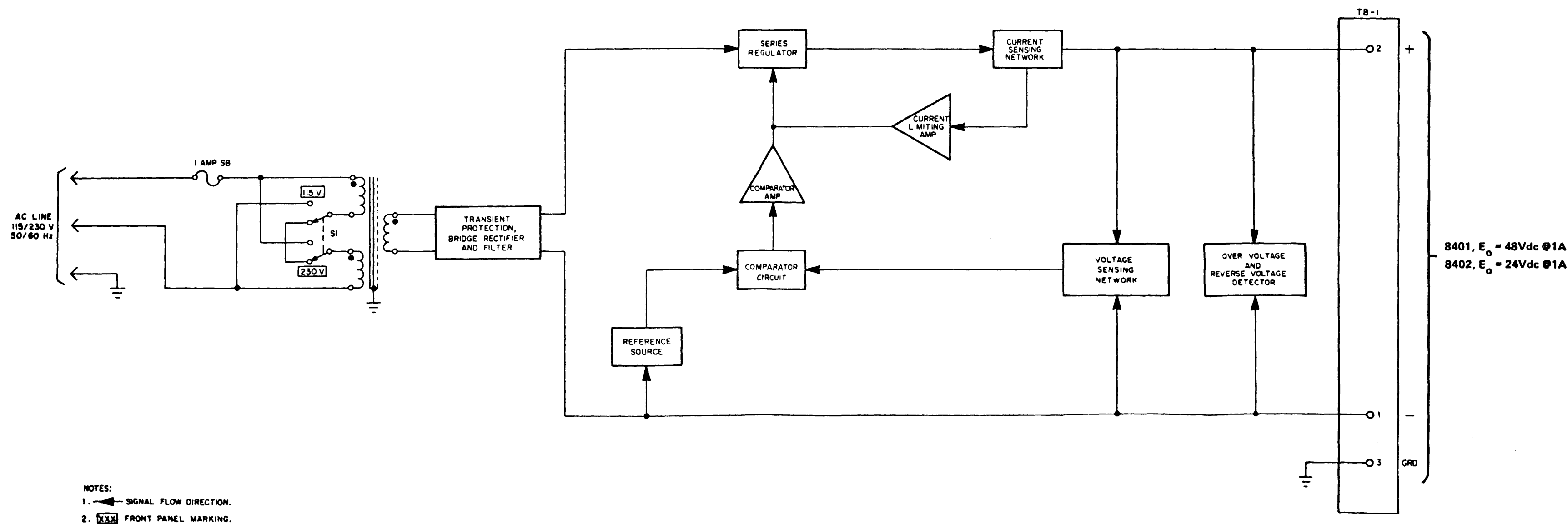


Figure 6-58. 48 Vdc Regulated Power Supply, P/N 8401-00, 1PS1 in Control Interface Group OK-449 (V)/FRC-176 (V), Schematic Diagram

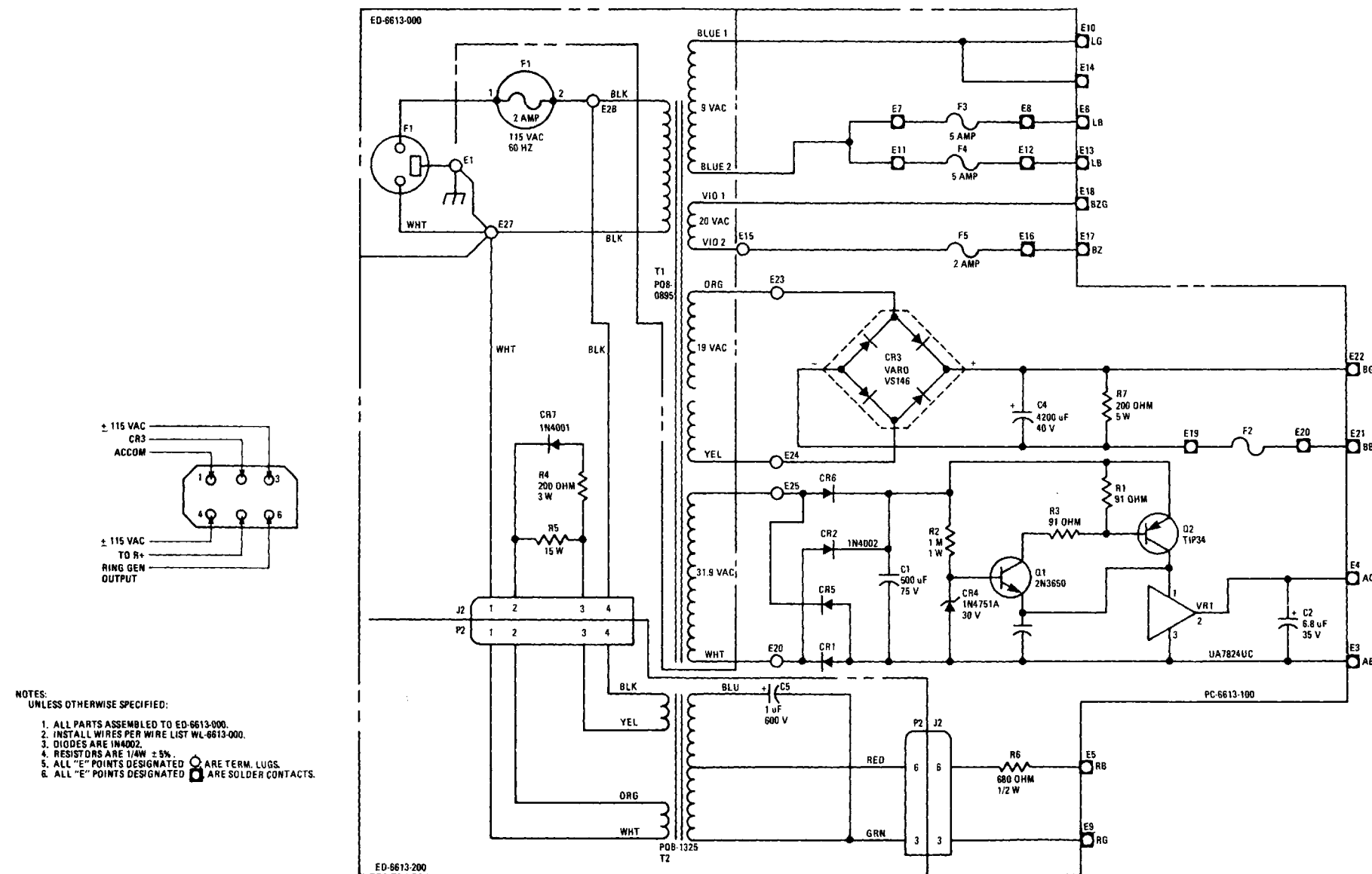
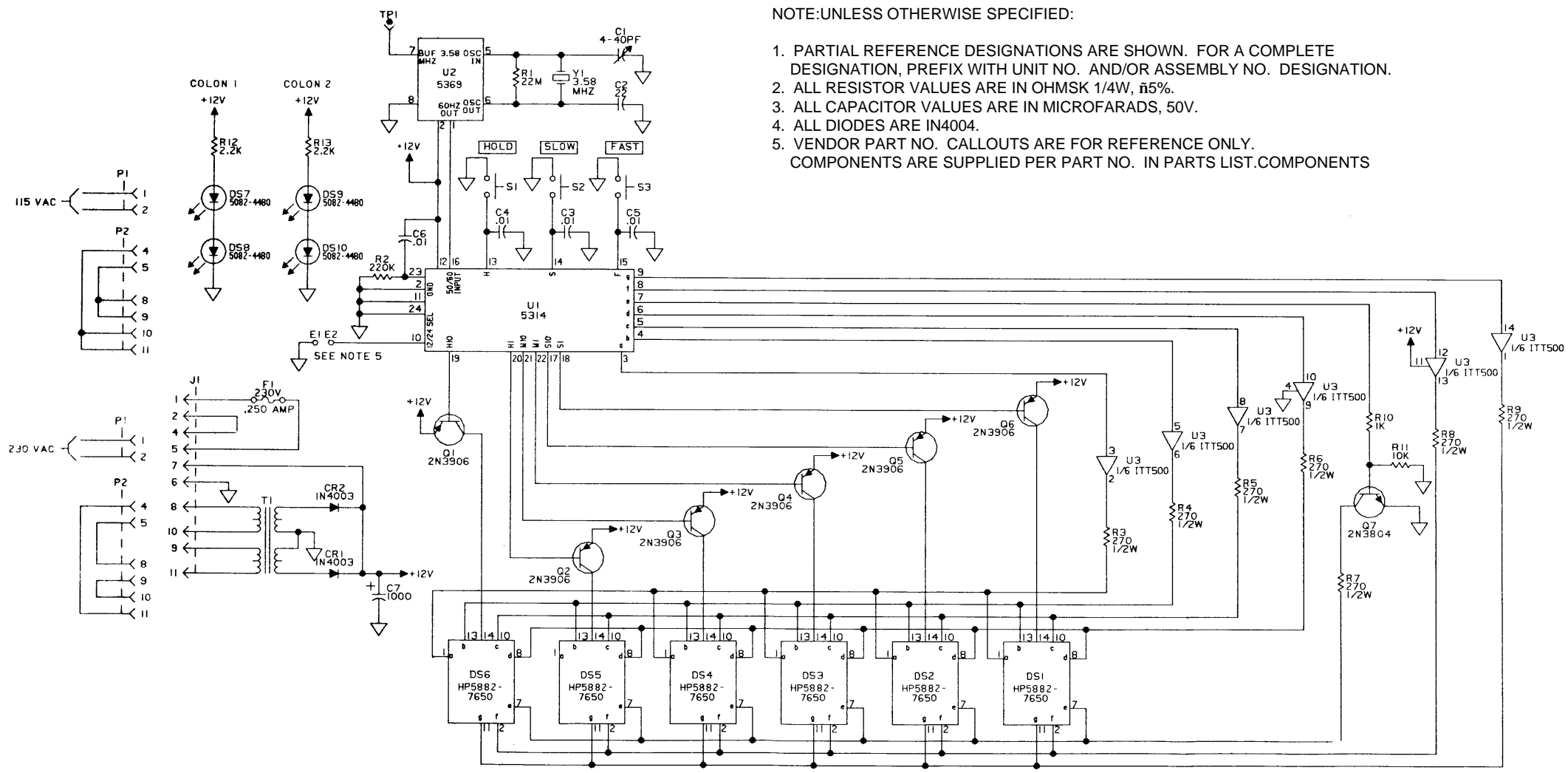


Figure 6-59. Power Supply, P/N SB6613A
1PS2 Control Interface
Group OK-449 (V)/FRC-176 (V)
Schematic Diagram

6-185/(6-186 blank)



NOTE: UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. FOR A COMPLETE DESIGNATION, PREFIX WITH UNIT NO. AND/OR ASSEMBLY NO. DESIGNATION.
2. ALL RESISTOR VALUES ARE IN OHMSK 1/4W, ±5%.
3. ALL CAPACITOR VALUES ARE IN MICROFARADS, 50V.
4. ALL DIODES ARE IN4004.
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST. COMPONENTS

Figure 6-60. Digital Clock Assembly,
P/N 7052-1720, 3A9A1 In
Communication Control
Console, OJ-512/FRC-176 (V),
Schematic Diagram

6-187/(6-188 blank)

PIN: 052362-000