BUS "A" WIRING CONNECTION POINTS

FROM BUS A (+15VDC)	TO SUBASS'Y SERVICE	AWG	COLOR
PIN 1	C1-1-2-1	14	W/VIO
PIN 1	C1-1-2-3	18	
PIN 3	C1-2-11-14		
PIN 4	C1-2-13-14		
PIN 5	C2-2-7-14		
PIN 6	C2-2-1-14		
C2-2-1-14	C2-2-3-14		
PIN 7	C1-3-7-14		
C1-3-7-14	C1-3-4-14		
C1-3-4-14	C1-3-1-14		
PIN 8	C1-3-13-14		
PIN 10	C2-3-1-14		
C2-3-1-14	C2-3-4-14		
C2-3-4-14	C2-3-7-14		
C2-3-7-14	C2-3-9-14		
PIN 11	C1-4-13-14		
PIN 12	C1-4-7-14		
C1-4-7-14	C1-4-4-14		
C1-4-4-14	C1-4-1-14	18	W/VIO.
C1-2-11-14	C1-2-9-14	18	W/VIO.
PIN 20	C1-7-13-14	18	W/VIO
C1-7-13-14	C1-7-10-14		
C1-7-10-14	C1-7-7-14		
C1-7-7-14	C1-7-4-14		
C1-7-4-14	C1-7-1-14		
-			
PIN 21	C1-8-14-14		
C1-8-14-14	C1-8-12-14		
C1-8-12-14	C1-8-10-14		
C1-8-10-14	C1-8-7-14		
C1-8-7-14	C1-8-4-14		
C1-8-4-14	C1-8-1-14	18	W/VIO.
PIN 13	C2-4-1-14	18	W/VIO
C2-4-1-14	C2-4-4-14		
C2-4-4-14	C2-4-6-14		
C2-4-6-14	C2-4-9-14		
C2-4-9-14	C2-4-11-14	18	W/VIO
PIN 15	C1-5-13-14	18	W/VIO
C1-5-13-14	C1-5-10-14		
C1-5-10-14	C1-5-7-14		
C1-5-7-14	C1-5-4-14		
C1-5-4-14	C1-5-1-14	18	W/VIO

BUS "B" WIRING CONNECTION POINTS

FROM BUS B (SIG. COM)	TO SUBASS'Y SERVICE	AWG	COLOR
PIN 1	C1-1-2-4	18	YEL/GR
PIN 1	C1-1-2-6	14	YEL/GR
PIN 1	BUS C PIN 1	12	GREEN
PIN 3	CAB. 1 ROW 2 HORIZONTAL BUS	14	YEL/GR
CAB. 1 ROW 2 HORIZONTAL BUS	C1-2-9-31	18	
	C1-2-9-29		
	C1-2-11-31		
CAB. 1 ROW 2 HORIZONTAL BUS	C1-2-13-31	18	
PIN 5	CAB. 2 ROW 2 HORIZONTAL BUS	14	
CAB. 2 ROW 2 HORIZONTAL BUS	C2-2-1-31	18	
	C2-2-1-29		
	C2-2-3-31		
CAB. 2 ROW 2 HORIZONTAL BUS	C2-2-7-31	18	
PIN 7	CAB. 1 ROW 3 HORIZONTAL BUS	14	
CAB. 1 ROW 3 HORIZONTAL BUS	C1-3-1-31	18	
	C1-3-4-31		
	C1-3-7-31		
CAB. 1 ROW 3 HORIZONTAL BUS	C1-3-13-31		
PIN 12	C2-5-1-(-)		
C2-5-1-(-)	C2-3-9-17	18	YEL/GR
PIN 11	CAB. 1 ROW 4 HORIZONTAL BUS	14	YEL/GR
CAB. 1 ROW 4 HORIZONTAL BUS	C1-4-1-31	18	
	C1-4-4-31		
	C1-4-7-29		
	C1-4-7-31		
CAB. 1 ROW 4 HORIZONTAL BUS	C2-8-3-8		
CAB. 1 ROW 4 HORIZONTAL BUS	C1-4-13-31	18	
PIN 13	CAB. 2 ROW 4 HORIZONTAL BUS	14	
CAB. 2 ROW 4 HORIZONTAL BUS	C2-4-1-31	18	
	C2-4-4-31		
	C2-4-6-29 C2-4-6-31		
	C2-4-9-29		
	C2-4-9-31		
	C2-4-11-29		
	C2-4-11-31		
CAB. 2 ROW 4 HORIZONTAL BUS		18	
PIN 15	CAB. 1 ROW 5 HORIZONTAL BUS	14	
CAB. 1 ROW 5 HORIZONTAL BUS	C1-5-1-31	18	
	C1-5-4-31		
	C1-5-7-31		
	C1-5-10-31		
	C1-5-13-29		
CAB. 1 ROW 5 HORIZONTAL BUS	C1-5-13-31		YEL/GRN
	C1-5-4-3		
CAB. 1 ROW 5 HORIZONTAL BUS	C1-5-7-3	18	
PIN 23	CAB. 1 ROW 8 HORIZONTAL BUS	14	YEL/GRN
CAB. 1 ROW 8 HORIZONTAL BUS	C1-8-1-29	18	
	C1-8-1-31		
	C1-8-4-29		
	C1-8-4-31		
	C1-8-7-29		
	C1-8-7-31		
	C1-8-10-31 C1-8-10-29		
	C1-8-12-29		
	C1-8-12-31		
CAB. 1 ROW 8 HORIZONTAL BUS	C1-8-14-31	18	
PIN 19	CAB. 1 ROW 7 HORIZONTAL BUS	14	
CAB. 1 ROW 7 HORIZONTAL BUS	[illegible]	18	
	[illegible]		
	C1-7-7-31		
	[illegible]		
CAB. 1 ROW 7 HORIZONTAL BUS	C1-7-13-31	18	YEL/GR
PIN 18	CAB. 1 ROW 6 HORIZONTAL BUS	14	YEL/GR
PIN 16	CAB. 2 ROW 3 HORIZONTAL BUS	14	YEL/GR
CAB. 2 ROW 3 HORIZONTAL BUS	C2-3-1-31	18	YEL/GR
	C2-3-4-31		
	C2-3-7-29		
	C2-3-7-31		
	C2-3-9-29		
CAB. 2 ROW 3 HORIZONTAL BUS	C2-3-9-31	18	YEL/GR

BUS "C" WIRING CONNECTION POINTS

FROM BUS C (PWR COM)	TO SUBASS'Y SERVICE	AWG	COLOR
PIN 1	C2-1-2-1	16	WHT/GRN
PIN 1	C2-1-2-3	18	
PIN 3	C1-2-11-32	18	
C1-2-11-32	C1-2-9-32		
PIN 4	C1-2-13-32		
PIN 5	C2-2-7-32		
PIN 6	C2-2-1-32		
C2-2-1-32	C2-2-3-32		
PIN 7	C1-3-13-32		
C1-3-13-32	C1-3-7-32		
C1-3-7-32	C1-3-4-32		
C1-3-4-32	C1-3-1-32		
PIN 10	C2-3-1-32		
C2-3-1-32	C2-3-4-32		
C2-3-4-32	C2-3-7-32		
C2-3-7-32	C2-3-9-32		
PIN 11	C1-4-13-32		
C1-4-13-32	C1-4-7-32		
C1-4-7-32	C1-4-4-32		
C1-4-4-32	C1-4-1-32		
PIN 13	C2-4-1-32		
C2-4-1-32	C2-4-4-32		
C2-4-4-32	C2-4-6-32		
C2-4-6-32	C2-4-9-32		
C2-4-9-32	C2-4-11-32	18	WHT/GRN
PIN 7	C1-3-2-CB	16	GREEN
PIN 8	C1-3-14CB	18	GREEN
PIN 19	C1-8-14-32	18	WHT/GRN
PIN 23	C1-7-13-32		
C1-7-13-32	C1-7-10-32		
C1-7-10-32	C1-7-7-32		
C1-7-7-32	C1-7-4-32		
C1-7-4-32	C1-7-1-32	18	WHT/GRN
PIN 28	[illegible]	22	GREEN
C1-8-13-21	[illegible]	22	
PIN 29	[illegible]	18	
PIN 24	C2-10-3-12	18	
C2-10-3-12	[illegible]	18	GREEN
PIN 27	C1-10-6-2	18	WHT/GRN
C1-10-6-2	C1-10-4-10		
C1-10-4-10	C1-10-3-8		
C1-10-3-8	C1-10-3-10		
C1-10-3-10	C1-10-3-12		
C1-10-3-12	C1-10-2-12	18	WHT/GRN
PIN 26	C2-10-[illegible]		
C2-10-4-10	C2-10-2-[illegible]		

BUS "C" WIRING CONNECTION POINTS

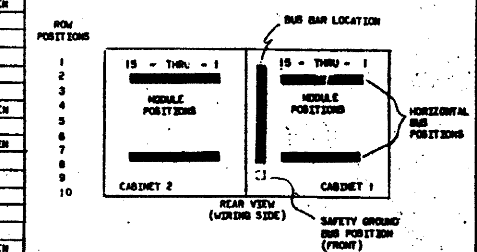
FROM BUS C (PWR COM)	TO SUBASS'Y SERVICE	AWG	COLOR
PIN 4	C2-12-1-8	22	GREEN
PIN 20	C1-8-1-32	18	WHT/GRN
C1-8-1-32	C1-8-4-32		
C1-8-4-32	C1-8-7-32		
C1-8-7-32	C1-8-10-32		
C1-8-10-32	C1-8-12-32		
C1-8-12-32	C1-8-14-32	18	WHT/GRN
PIN 28	C1-8-13-8	22	WHT/GRN.
PIN 9	C2-2-3-26	22	GRN
PIN 4	C2-2-5-6	22	GRN.
PIN 25	C1-7-14CB	18	GREEN
PIN 5	C1-2-14CB	18	GREEN
PIN 2	C1-10-1-3	12	GREEN
PIN 15	C1-5-13-32	18	WHT/GRN
C1-5-13-32	C1-5-10-32		
C1-5-10-32	C1-5-7-32		
C1-5-7-32	C1-5-4-32		
C1-5-4-32	C1-5-1-32	18	WHT/GRN
PIN 1	BUS B PIN 1	12	GREEN
PIN 28	C2-8-1-2	18	WHT/
C2-8-1-2	C2-8-1-3		
C2-8-1-3 (?)	C2-8-1-5		
[illegible]	C2-8-1-6 (?)		
[illegible]	C2-8-1-8 (?)		
[illegible]	C2-8-1-9 (?)		
[illegible]	C2-8-1-11 (?)		
[illegible]	C2-8-1-12 (?)		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	C2-8-3-12 (?)		
PIN 12 (?)	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]	18	WHT/GRN

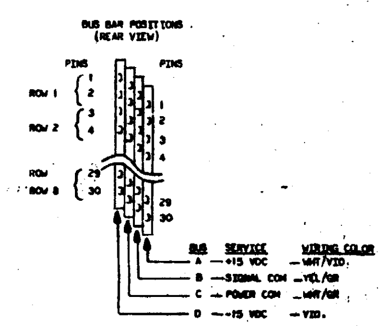
BUS "D" WIRING CONNECTION POINTS

FROM BUS D (-15VDC)	TO SUBASS'Y SERVICE	AWG	COLOR
PIN 1	C2-1-2-8 △1	14	VIO.
PIN 1	C2-1-2-[illegible]	18	
PIN 3	C1-2-11-30		
C1-2-11-30	C1-2-9-30		
PIN 4	C1-2-13-30		
PIN 5	C2-2-7-30		
PIN 6	C2-2-1-30		
C2-2-1-30	C2-2-3-30		
PIN 7	C1-3-13-30		
C1-3-13-30	C1-3-7-30		
C1-3-7-30	C1-3-4-30		
C1-3-4-30	C1-3-1-30	18	VIO.
PIN 10	C2-3-1-30	18	VIO.
C2-3-1-30	C2-3-4-30		
C2-3-4-30	C2-3-7-30		
C2-3-7-30	C2-3-9-30		
PIN 11	C1-4-13-30		
PIN 12	C1-4-7-30		
C1-4-7-30	C1-4-4-30		
C1-4-4-30	C1-4-1-30		
PIN 13	C2-4-1-30		
C2-4-1-30	C2-4-4-30		
C2-4-4-30	C2-4-6-30		
C2-4-6-30	C2-4-9-30		
C2-4-9-30	C2-4-11-30		
PIX 15	C1-5-13-30		
C1-5-13-30	C1-5-10-30		
C1-5-10-30	C1-5-7-30		
C1-5-7-30	C1-5-4-30		
C1-5-4-30	C1-5-1-30		
C1-7-13-30	C1-7-10-30		
C1-7-10-30	C1-7-7-30		
C1-7-7-30	C1-7-4-30		
C1-7-4-30	C1-7-1-30	18	VIO.
PIN 4	C2-12-1-9	22	VIO.
PIN 23	C1-7-13-30	18	VIO.
PIN 24	C1-8-14-30	18	VIO.
C1-8-14-30	C1-8-12-30		
C1-8-12-30	C1-8-10-30		
C1-8-10-30	C1-8-7-30		
C1-8-7-30	C1-8-4-30		
C1-8-4-30	C1-8-1-30	18	
PIN 26	C1-8-14-2	22	
PIN 8	C1-4-4-12		
PIN 9	C2-2-7-8		
PIN 4	C2-2-5-8	22	VIO.
PIN 25	C1-8-11-17		
C1-8-14-2	C1-8-14-8		
C1-8-14-8	C1-8-15-2	22	VIO.

MODULE CHASSIS CONNECTION POINTS

FROM SAFETY GROUND BUS	TO SUBASSEMBLY SERVICE	AWG	COLOR
PIN 12	C1-3-13-16	18	GREEN
C1-3-13-16	C1-3-7-16		
C1-3-7-16	C1-3-4-16		
C1-3-4-16	C1-3-1-16		
C1-3-1-16	C1-2-9-16		
C1-2-9-16	C1-2-11-16		
C1-2-11-16	C1-2-13-16	18	GREEN
PIN 13	C2-2-1-16	18	GREEN
C2-2-1-16	C2-2-3-16		
C2-2-3-16	C2-2-7-16		
C2-2-7-16	C2-3-9-16		
C2-3-9-16	C2-3-7-16		
C2-3-7-16	C2-3-4-16		
C2-3-4-16	C2-3-1-16	18	GREEN
PIN 14	C2-4-1-16	18	GREEN
C2-4-1-16	C2-4-4-16		
C2-4-4-16	C2-4-6-16		
C2-4-6-16	C2-4-9-16		
C2-4-9-16	C2-4-11-16	18	GREEN
PIN 15	C1-6-14-16	18	GREEN
C1-6-14-16	C1-7-1-16		
C1-7-1-16	C1-7-4-16		
C1-7-4-16	C1-7-7-16		
C1-7-7-16	C1-7-10-16		
C1-7-10-16	C1-7-13-16	18	GREEN
PIN 16	C1-8-1-16	18	GREEN
C1-8-1-16	C1-8-4-16		
C1-8-4-16	C1-8-7-16		
C1-8-7-16	C1-8-10-16		
C1-8-10-16	C1-8-12-16		
C1-8-12-16	C1-8-14-16	18	GREEN
PIN 17	C1-4-13-16	18	GREEN
C1-4-13-16	C1-4-7-16		
C1-4-7-16	C1-4-4-16		
C1-4-4-16	C1-4-1-16		
C1-4-1-16	C1-5-1-16		
C1-5-1-16	C1-5-4-16		
C1-5-4-16	C1-5-7-16		
C1-5-7-16	C1-5-10-16		
C1-5-10-16	C1-5-13-16	18	GREEN
PIN 18	C1-1-1-2	18	GREEN
PIN 19	C2-1-1-2	18	GREEN
PIN 20	C2-5-1-6	18	GREEN





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