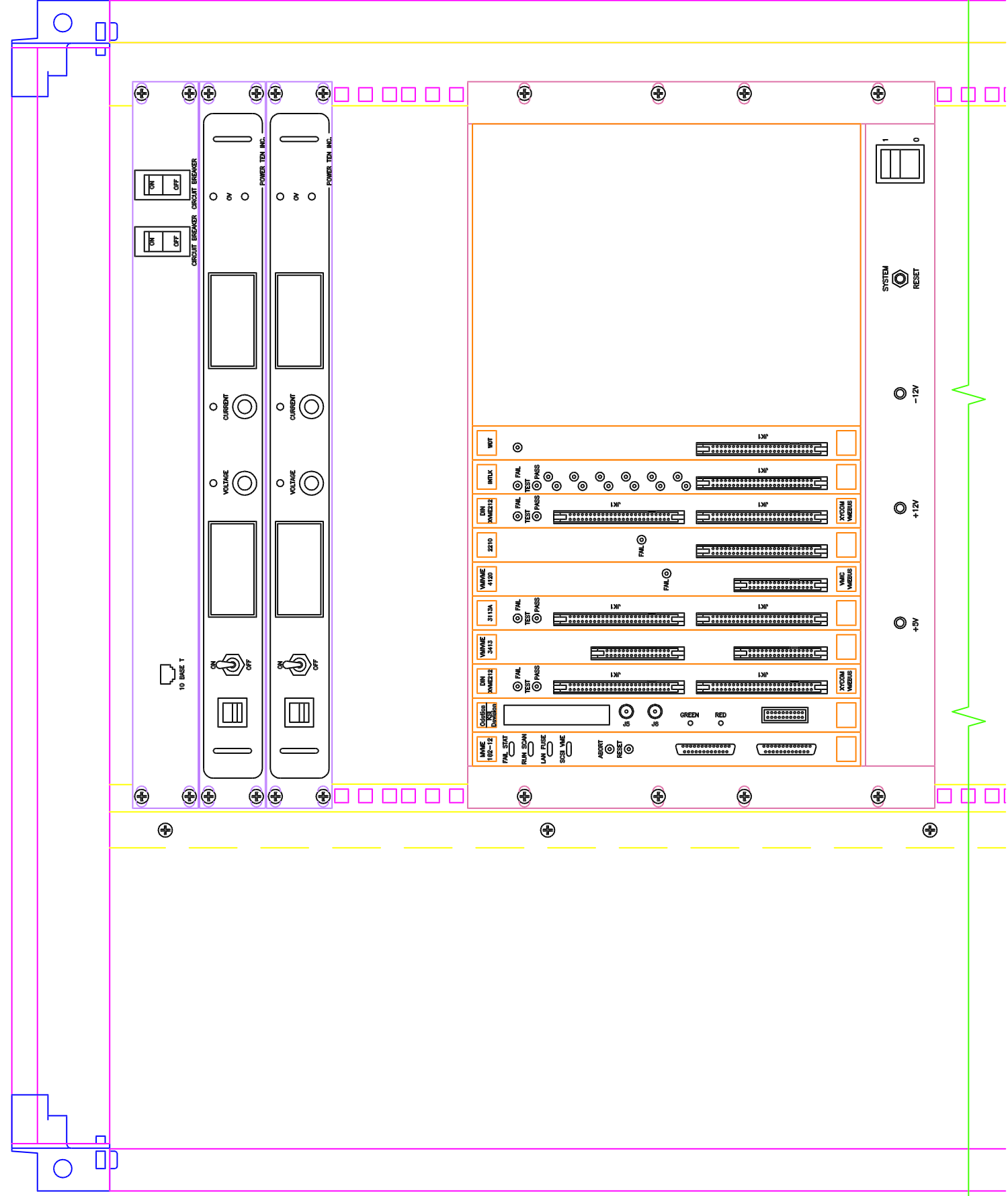


SEE SEPERATE BILL OF MATERIALS

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		DATE 9-11-96	CURRENT REVISION APPROVAL SIGNATURE	DRAWN TONY T. CHECKED	SHEETS EFFECTED	DATE	ISSUE DESCRIPTION
ASSEMBLY VCMS RACK WA RIGHT MID STATION		SCALE -	SIZE/DWG. NO. B D961337-A-C	SHEET 1 OF 4	REV. 1	VER. 01	1
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONAL & DECIMAL TOLERANCES: FRACTIONAL & DECIMAL THREE PLACE DECIMAL & TWO PLACE DECIMAL & BREAK CORNERS IN BREAK CORNERS IN REMOVE ALL BURS		DO NOT SCALE THIS DRAWING USED ON NEXT ASSY	REV	DESCRIPTION	REFERENCE DRAWINGS DESCRIPTION DWG. NO.	DESCRIPTION	2
REFERENCE DRAWINGS DESCRIPTION DWG. NO.		DESCRIPTION	REV	DESCRIPTION	REFERENCE DRAWINGS DESCRIPTION DWG. NO.	DESCRIPTION	3
REFERENCE DRAWINGS DESCRIPTION DWG. NO.		DESCRIPTION	REV	DESCRIPTION	REFERENCE DRAWINGS DESCRIPTION DWG. NO.	DESCRIPTION	4
REFERENCE DRAWINGS DESCRIPTION DWG. NO.		DESCRIPTION	REV	DESCRIPTION	REFERENCE DRAWINGS DESCRIPTION DWG. NO.	DESCRIPTION	5
REFERENCE DRAWINGS DESCRIPTION DWG. NO.		DESCRIPTION	REV	DESCRIPTION	REFERENCE DRAWINGS DESCRIPTION DWG. NO.	DESCRIPTION	6



SLOT #	MODULE NAME
SLOT 0	MVME 162-12
SLOT 1	GPS
SLOT 2	XY212
SLOT 3	3413
SLOT 4	3113A
SLOT 5	4120
SLOT 6	2210
SLOT 7	XY212
SLOT 8	INTLK
SLOT 9	WDT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONAL * AND PLACES DECIMAL * THREE PLACE DECIMAL * FINISHED SURFACE RFS REMOVE ALL BURRS		DO NOT SCALE THIS DRAWING		REV	
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	USED DN	NEXT ASSY.
REFERENCE DRAWINGS		ISSUE DESCRIPTION		SHEETS EFFECTED	
CURRENT REVISION APPROVAL		DATE		DATE	
DESIGNER	TUNY T.	GROUP	CDS	SIGNATURE	DATE
CHECKED					
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		SCALE		REV.	
ASSEMBLY VCMs RACK WA RIGHT MID STATION		SIZE DWG. NO.	B	D961337-A-C	VER. 01
SHEET		2 OF 4		1	

TERM #	PART #	WIRE COLOR	WIRE TYPE	SIGNAL	TERM #	PART #	WIRE COLOR	WIRE TYPE	SIGNAL	TERM #	PART #	WIRE COLOR	WIRE TYPE	SIGNAL
1	UK4				51	UK4-TG			+24VDC	101	UK4			COMM
2	UK4				52	UK4				102	USLKG4			SHLD
3	USLKG4			SHLD	53	UK4			COMM	103	UK4			N/C
4	UK4				54	USLKG4			SHLD	104	UK4			
5	UK4				55	UK4			N/C	105	UK4			
6	USLKG4			SHLD	56	UK4			N/C	106	UK4-TG			+24VDC
7	UK4				57	UK4			N/C	107	UK4			COMM
8	UK4				58	UK4			N/C	108	USLKG4			SHLD
9	USLKG4			SHLD	59	UK4-TG			+24VDC	109	UK4			
10	UK4				60	UK4				110	UK4			
11	UK4				61	UK4			COMM	111	UK4-TG			
12	USLKG4			SHLD	62	USLKG4			SHLD	112	UK4			+24VDC
13	UK4				63	UK4-TG			+24VDC	113	UK4			COMM
14	UK4				64	UK4				114	USLKG4			SHLD
15	USLKG4			SHLD	65	UK4			COMM	115	UK4			N/C
16	UK4			N/C	66	USLKG4			SHLD	116	UK4			
17	UK4			N/C	67	UK4			N/C	117	UK4			
18	UK4			N/C	68	UK4				118	UK4-TG			+24VDC
19	UK4-TG			+24VDC	69	UK4				119	UK4			COMM
20	UK4				70	UK4-TG			+24VDC	120	USLKG4			SHLD
21	UK4			COMM	71	UK4			COMM	121	UK4			
22	USLKG4			SHLD	72	USLKG4			SHLD	122	UK4			
23	UK4-TG			+24VDC	73	UK4				123	UK4			
24	UK4				74	UK4				124	UK4-TG			+24VDC
25	UK4			COMM	75	UK4				125	UK4			COMM
26	USLKG4			SHLD	76	UK4-TG			+24VDC	126	USLKG4			SHLD
27	UK4-TG			+24VDC	77	UK4			COMM	127	UK4			N/C
28	UK4				78	USLKG4			SHLD	128	UK4			N/C
29	UK4			COMM	79	UK4			N/C	129	UK4			N/C
30	USLKG4			SHLD	80	UK4				130	UK4			
31	UK4-TG			+24VDC	81	UK4				131	UK4			
32	UK4				82	UK4-TG			+24VDC	132	USLKG4			SHLD
33	UK4			COMM	83	UK4			COMM	133	UK4			
34	USLKG4			SHLD	84	USLKG4			SHLD	134	UK4			
35	UK4-TG			+24VDC	85	UK4				135	USLKG4			SHLD
36	UK4				86	UK4				136	UK4			
37	UK4			COMM	87	UK4				137	UK4			
38	USLKG4			SHLD	88	UK4-TG			+24VDC	138	USLKG4			SHLD
39	UK4-TG			+24VDC	89	UK4			COMM	139	UK4			
40	UK4				90	USLKG4			SHLD	140	UK4			
41	UK4			COMM	91	UK4				141	USLKG4			SHLD
42	USLKG4			SHLD	92	UK4				142	UK4			
43	UK4			N/C	93	UK4				143	UK4			
44	UK4			N/C	94	UK4-TG			+24VDC	144	USLKG4			SHLD
45	UK4			COMM	95	UK4			COMM	145	UK4			
46	UK4			N/C	96	USLKG4			SHLD	146	UK4			
47	UK4-TG			+24VDC	97	UK4				147	USLKG4			SHLD
48	UK4				98	UK4				148	UK4			
49	UK4			COMM	99	UK4				149	UK4			
50	USLKG4			SHLD	100	UK4-TG			+24VDC	150	UK4			

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR/HATCH ± BEND ± THREE PLACE DECIMAL ± FINISHED SURFACE RIMS BREAK CORNERS IN OUT REMOVE ALL BURRS		CURRENT REVISION APPROVAL		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
DO NOT SCALE THIS DRAWING		DRAWN TONY T.	GROUP CDS	SIGNATURE	DATE 9-13-96
USED IN:		CHECKED			
NEXT ASSY:		REV	DESCRIPTION	SHEETS EFFECTED	DATE
REFERENCE DRAWINGS		ISSUE DESCRIPTION		SCALE	
DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION	SIZE/DWG. NO. B D961337-A-C	
6		5		SHEET 3 OF 4	
				VER. 01	

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12-30-96 - 10:14

TERM #	PART #	WIRE COLOR	WIRE TYPE	SIGNAL	TERM #	PART #	WIRE COLOR	WIRE TYPE	SIGNAL	TERM #	PART #	WIRE COLOR	WIRE TYPE	SIGNAL
151	UK4				201	UK4				251	UK4-TG			+24VDC
152	USLKG4			SHLD	202	UK4-TG			+24VDC	252	UK4			COMM
153	UK4				203	UK4				253	UK4			N/C
154	UK4				204	UK4-TG			+24VDC	254	UK4-TG			+24VDC
155	USLKG4			SHLD	205	UK4				255	UK4			COMM
156	UK4				206	UK4-TG			+24VDC	256	UK4			N/C
157	UK4				207	UK4				257	UK4-TG			+24VDC
158	USLKG4			SHLD	208	UK4-TG			+24VDC	258	UK4			COMM
159	UK4				209	UK4			N/C	259	UK4			N/C
160	UK4				210	UK4-TG			+24VDC	260	UK4-TG			+24VDC
161	USLKG4			SHLD	211	UK4			COMM	261				
162	UK4			N/C	212	UK4				262				
163	UK4			N/C	213	UK4-TG			+24VDC	263				
164	UK4			N/C	214	UK4			COMM	264				
165	UK4				215	UK4				265				
166	UK4-TG			+24VDC	216	UK4			N/C	266				
167	UK4				217	UK4				267				
168	UK4-TG			+24VDC	218	UK4				268				
169	UK4				219	UK4			N/C	269				
170	UK4-TG			+24VDC	220	UK4				270				
171	UK4				221	UK4				271				
172	UK4-TG			+24VDC	222	UK4			N/C	272				
173	UK4				223	UK4				273				
174	UK4-TG			+24VDC	224	UK4				274				
175	UK4				225	UK4			N/C	275				
176	UK4-TG			+24VDC	226	UK4				276				
177	UK4				227	UK4				277				
178	UK4-TG			+24VDC	228	UK4			N/C	278				
179	UK4				229	UK4				279				
180	UK4-TG			+24VDC	230	UK4				280				
181	UK4				231	UK4			N/C	281				
182	UK4-TG			+24VDC	232	UK4				282				
183	UK4				233	UK4				283				
184	UK4-TG			+24VDC	234	UK4			N/C	284				
185	UK4				235	UK4				285				
186	UK4-TG			+24VDC	236	UK4				286				
187	UK4				237	UK4			N/C	287				
188	UK4-TG			+24VDC	238	UK4				288				
189	UK4				239	UK4				289				
190	UK4-TG			+24VDC	240	UK4-TG			+24VDC	290				
191	UK4				241	UK4			COMM	291				
192	UK4-TG			+24VDC	242	UK4-TG			N/C	292				
193	UK4				243	UK4			N/C	293				
194	UK4-TG			+24VDC	244	UK4			N/C	294				
195	UK4				245	UK4				295				
196	UK4-TG			+24VDC	246	UK4-TG			+24VDC	296				
197	UK4				247	UK4				297				
198	UK4-TG			+24VDC	248	UK4-TG			+24VDC	298				
199	UK4				249	UK4			N/C	299				
200	UK4-TG			+24VDC	250	UK4				300				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL * ANGULAR * BEND * TWO PLACE DECIMAL * THREE PLACE DECIMAL * FINISHED SURFACE RMS BREAK CORNERS IN * REMOVE ALL BURRS		DO NOT SCALE THIS DRAWING		REV		DESCRIPTION		SHEETS EFFECTED		DATE		CURRENT REVISION APPROVAL		DRAWN TONY T. CHECKED		GROUP CDS		SIGNATURE		DATE 9-13-96		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
DWG. NO.		DESCRIPTION		DWG. NO.		DESCRIPTION		USED ON:		NEXT ASS'Y:		SCALE		SIZE		DWG. NO.		REV.		SHEET		4 OF 4		VER. 01	
6		REFERENCE DRAWINGS		5				4				3		2		1									

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12-30-96 - 10:14