

CABLE 1 OUTPUT PORTS CONTROLLER #1

J1

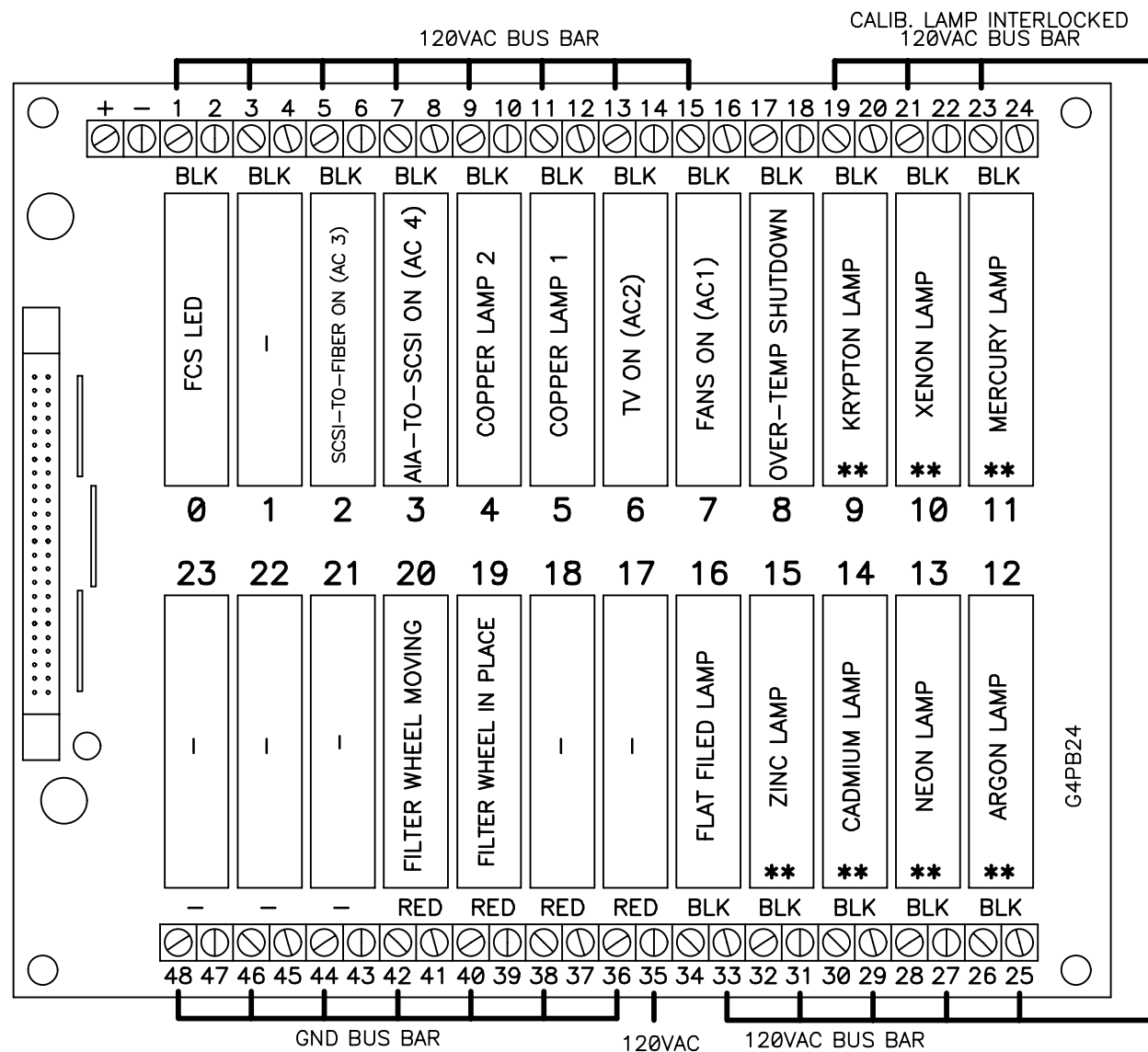
CH	BIT	PIN	FUNCTION	CH	BIT	PIN	FUNCTION	CH	BIT	PIN	FUNCTION
0	25	47	FCS LED	8	33	31	OVER TEMPERATURE SHUTDOWN	16	41	15	FLAT FIELD
1	26	45	-	9	34	29	KRYPTON	17	42	13	-
2	27	43	SCSI-TO-FIBER POWER	10	35	27	XENON	18	43	11	-
3	28	41	AIA-TO-SCSI POWER	11	36	25	MERCURY	19	44	9	FILTER WHEEL IN PLACE (LED)
4	29	39	COPPER LAMP 2	12	37	23	ARGON	20	45	7	FILTER WHEEL MOVING (LED)
5	30	37	COPPER LAMP 1	13	38	21	NEON	21	46	5	-
6	31	35	TV ON	14	39	19	CADMIUM	22	47	3	-
7	32	33	FANS ON	15	40	17	ZINC	23	48	1	-

NOTE: TO USE THESE OUTPUTS USE THE GALIL COMMAND: CO 7

CONTROL PANEL #1

BIT	PIN	OUTPUT BARRIER STRIP				
		TO	TO	TO		
	VCC					
	GND					
25	1	110 VAC (H) J41-1 *	TBE-2 *	PN1-3	G40AC5	FCS LED
26	2	PN1-1	PN1-5		G40AC5	-
27	3	J41-3 *			G40AC5	SCSI POWER
28	4	PN1-3	PN1-7		G40AC5	A2I POWER
29	5	AC3-H *			G40AC5	COPPER 2 LAMPS
30	6	PN1-5	PN1-9		G40AC5	COPPER 1 LAMP
31	7	AC4-H *			G40AC5	TV POWER
32	8	PN1-7	PN1-11		G40AC5	FANS ON
33	9	J52-19 *			G40AC5	OVER TEMP
34	10	J52-17 *			G40AC5	KRYPTON LAMP
35	11	PN1-11	PN1-15		G40AC5	XENON LAMP
36	12	AC2-H *			G40AC5	MERCURY LAMP
37	13	PN1-13	PN1-19		G40AC5	ARGON LAMP
38	14	AC1-H *			G40AC5	NEON LAMP
39	15	J50-1 *			G40AC5	CADMIUM LAMP
40	16	J50-3 *			G40AC5	ZINC LAMP
41	17	TBE-1	PN1-21		G40AC5	FLAT FIELD LAMP
42	18	J52-1 *			G40AC5	-
43	19	PN1-19	PN1-23		G40AC5	-
44	20	J52-3 *			G40AC5	FILT. WHEEL IN PLACE
45	21	PN1-21	PN1-25		G40AC5	FILT. WHEEL MOVING
46	22	J52-5 *			G40AC5	-
47	23	PN1-23	PN1-27		G40AC5	-
48	24	J52-7 *			G40AC5	-
	25	PN1-25	PN1-29		G40AC5	-
	26	J52-9 *			G40AC5	-
	27	PN1-27	PN1-31		G40AC5	-
	28	J52-11 *			G40AC5	-
	29	PN1-29	PN1-33		G40AC5	-
	30	J52-13 *			G40AC5	-
	31	PN1-31			G40AC5	-
	32	J52-15 *			G40AC5	-
	33					
	34	GND	PN1-38			
	35					
	36					
	37		PN1-40			
	38	PN1-36				
	39	J58-10			G40DC5R	
	40	PN1-38	PN1-42		G40DC5R	
	41	J58-9				
	42	PN1-40	PN1-44			
	43	J9-15				
	44	PN1-42	PN1-46			
	45	J9-16				
	46	PN1-44	PN1-48			
	47	J9-17				
	48	PN1-46				

NOTE:
 TB => TERMINAL STRIP
 PN => OPTO-22 RELAY PANEL
 J => CONNECTOR ON PANEL
 * => USE 18 GAUGE WIRE



INSTRUMENT CONTROLLER
 CONTROLLER #1
 BOARD #1

** AC INPUT INTERRUPTED
 BY LAMP INTERLOCK

UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		OUTPUT PORT ASSIGNMENTS 25-48 CONTROLLER #1 OPTO-22 DEIMOS SPECTROGRAPH	
DES'N BY: B. Alcott	ORIGIN DATE: 12-18-95	DWG. NO.	NUM. 1 OF 1
DRAWN BY:	MODIFY DATE: 03-18-02	EL-3034	
PATH: DEIMOS\OUT1	REV.A		

REVISION

- 11-17-00 CHANGED LAMP SIGNALS TO FINAL CONFIGURATION AND CORRECTED AC OUTLET NUMBERING
- 05-29-01 REMOVED HATCH SIGNALS (MOVED TO BOARD 4)
- 07-13-01 ADDED AC SOCKET NUMBERS TO RELAY TITLES
- 08-17-01 ADDED FCS LED OUTPUT TO TURN ON WHITE LED FOR FCS
- 08-22-01 CORRECTED PIN NUMBER ON CHANNEL 0 OUTPUT TO J41-1. ADDED LAMP INTERLOCK NOTE.
- 11-19-01 UPGRADED DRAWING TO SHOW CALIBRATION LAMP INTERLOCK WIRING
- 01-11-02 CHANGED QUARTZ LABEL TO FLAT FIELD AND REMOVE QUARTZ POWER SUPPLY
- 03-18-02 REMOVED REFERENCES TO MANUAL PADDLE - NOT IMPLEMENTED

EL-3034-2D

BOARD #1