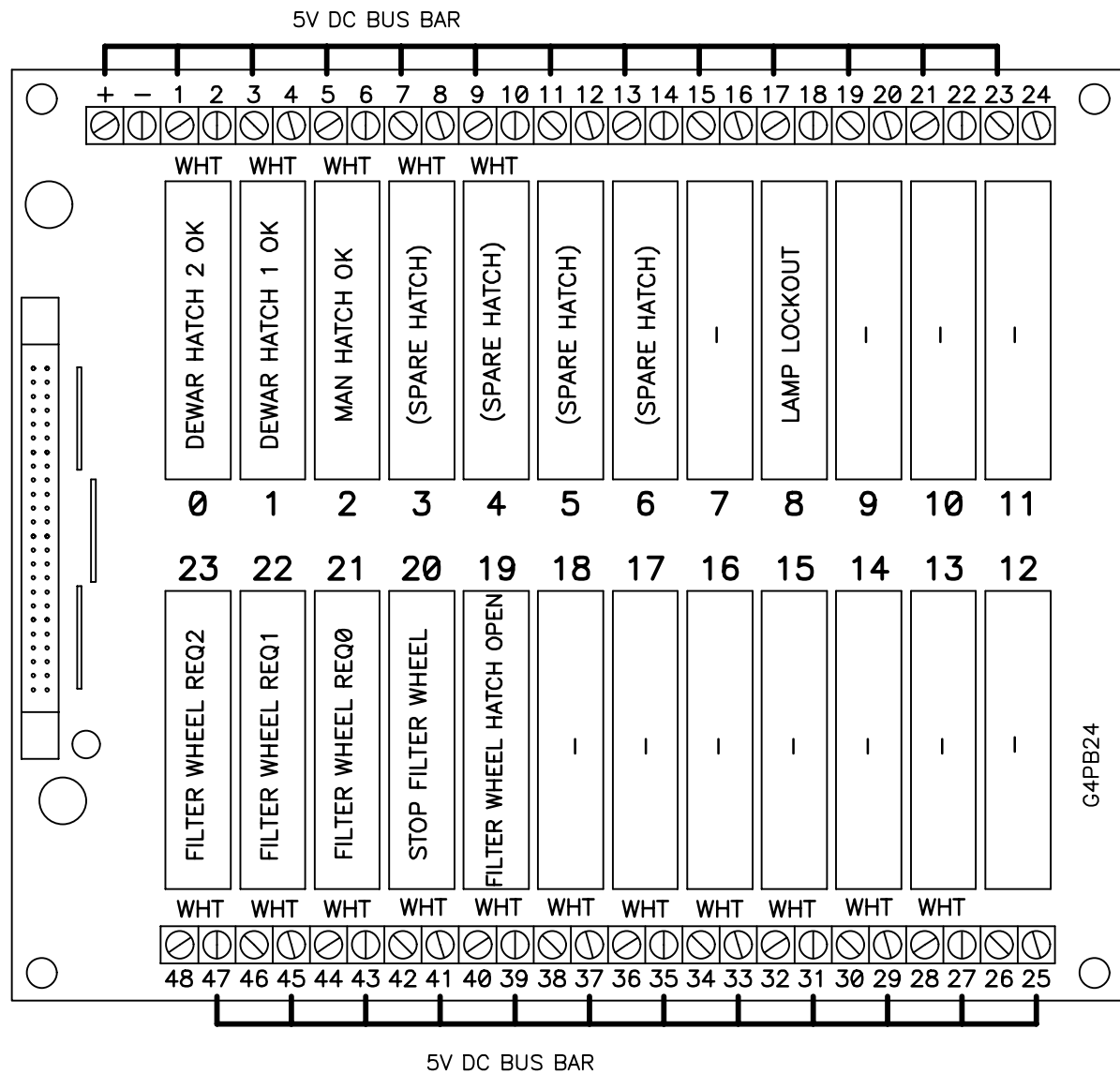


CABLE 2 INPUT PORTS CONTROLLER #1

J2

CH	BIT	PIN	FUNCTION	CH	BIT	PIN	FUNCTION	CH	BIT	PIN	FUNCTION
0	49	47	DEWAR HATCH #2 OK	8	57	31	LAMP LOCKOUT	16	65	15	-
1	50	45	DEWAR HATCH #1 OK	9	58	29	-	17	66	13	-
2	51	43	MAN HATCH OK	10	59	27	-	18	67	11	-
3	52	41	(SPARE HATCH)	11	60	25	-	19	68	9	FILTER WHEEL HATCH OPEN
4	53	39	(SPARE HATCH)	12	61	23	-	20	69	7	STOP FILTER WHEEL
5	54	37	(SPARE HATCH)	13	62	21	-	21	70	5	FILTER WHEEL REQ0
6	55	35	(SPARE HATCH)	14	63	19	-	22	71	3	FILTER WHEEL REQ1
7	56	33	-	15	64	17	-	23	72	1	FILTER WHEEL REQ2



INSTRUMENT CONTROLLER CONTROLLER #1 BOARD #2

CONTROL PANEL #2

BIT	PIN	OUTPUT BARRIER STRIP					
		TO	TO	TO			
	VCC						
	GND						
49	1 2	+5V J53-1	TBA-9	PN2-3	G4IDC5D	DEWAR HATCH 2	0
50	3 4	PN2-1 J53-3	PN2-5		G4IDC5D	DEWAR HATCH 1	1
51	5 6	PN2-3 J53-5	PN2-7		G4IDC5D	MAN HATCH	2
52	7 8	PN2-5 J53-7	PN2-9		G4IDC5D	(SPARE HATCH)	3
53	9 10	PN2-7 J53-9	PN2-11		G4IDC5D	(SPARE HATCH)	4
54	11 12	PN2-9 J53-11	PN2-13		G4IDC5D	(SPARE HATCH)	5
55	13 14	PN2-11 J53-13	PN2-15		G4IDC5D	(SPARE HATCH)	6
56	15 16	PN2-13 J	PN2-17		-	-	7
57	17 18	PN2-15 J46-1	PN2-19		G4IDC5D	LAMP LOCKOUT	8
58	19 20	PN2-17 J	PN2-21		-	-	9
59	21 22	PN2-19 J	PN2-23		-	-	10
60	23 24	PN2-21 J	PN2-25		-	-	11
61	25 26	PN2-23 J	PN2-27		-	-	12
62	27 28	PN2-25 -	PN2-29		-	-	13
63	29 30	PN2-27 -	PN2-31		-	-	14
64	31 32	PN2-29 -	PN2-33		-	-	15
65	33 34	PN2-31 -	PN2-35		-	-	16
66	35 36	PN2-33 -	PN2-37		-	-	17
67	37 38	PN2-35 -	PN2-39		-	-	18
68	39 40	PN2-37 J58-6	PN2-41		G4IDC5D	FILT. WHEEL HATCH OPEN	19
69	41 42	PN2-39 J58-5	PN2-43		G4IDC5D	STOP FILT. WHEEL	20
70	43 44	PN2-41 J58-1	PN2-45		G4IDC5D	FILT. WHEEL REQ0	21
71	45 46	PN2-43 J58-2	PN2-47		G4IDC5D	FILT. WHEEL REQ1	22
72	47 48	PN2-45 J58-3			G4IDC5D	FILT. WHEEL REQ2	23

NOTE:

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

REVISION

- 10-31-97 COMBINED ALL RELATED DRAWINGS
- 02-23-98 MOVED BUS BAR AND CORRECTED J53 CONNECTOR REFERENCES.
- 03-17-98 ADDED SCI. & TV FILTER PB STATION SIGNALS
- 04-03-98 ADDED J58, J59 CONNECTIONS, *TV FILTER REQ4* FUNCTION. REMOVED J53-11,13,15.
- 09-17-01 ADDED LAMP LOCKOUT SIGNAL TO CHANNEL 8. THIS TELLS SOFTWARE IF THE LAMPS ARE LOCKED OUT BY THE FRONT HATCH BEING OPEN.
- 09-17-01 REMOVED COLLIMATOR HATCH AND ELECTRONICS COVERS INPUTS
- 11-16-01 ADDED LABELS FOR SPARE HATCHES WIRED TO CHANNELS 5 AND 6
- 05-07-02 REMOVED WIRING FOR UNIMPLEMENTED TV FILTER PUSHBUTTON STATION

UNIVERSITY OF CALIFORNIA
LICK OBSERVATORY

INPUT PORT ASSIGNMENTS 49-72
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: 05-07-02

PATH: DEIMOS\IN2

REV.A

EL-3035

EL-3035-2D

BOARD #2