

CABLE 9 INPUT PORTS CRADLE CONTROLLER 0

J9

CH	BIT	PIN	FUNCTION	CH	BIT	PIN	FUNCTION	CH	BIT	PIN	FUNCTION	
0	49	47	M2	MANUAL PADDLE	8	57	FWD	MANUAL PADDLE	16	65	COOLANT FLOW IS OK	
1	50	45	M1		9	58	REV		17	66	13	(REMOTE CONTROL LOCKOUT)*
2	51	43	M0		10	59	TOGGLE1		18	67	11	-
3	52	41	S2		11	60	TOGGLE2		19	68	9	-
4	53	39	S1		12	61	LOCKED OUT		20	69	7	ESTOP
5	54	37	S0		13	62	BAND CLAMPED		21	70	5	BYPASSED/NORMAL
6	55	35	AUTO/MAN		14	63	-		22	71	3	ROTATION DISABLED
7	56	33	STOP	15	64	AIR PRESSURE	23	72	1	BAND UNCLAMPED		

*NOT WIRED - RESERVED FOR POSSIBLE USE BY KECK

CONTROL PANEL #9

BIT	Z N P	OUTPUT BARRIER STRIP				
		TO	TO	TO		
	VCC GND	TBA-12 TBB-14				
49	1	TBA-5	PN9-3	MANWIRE0	G4IDC5D	M2
	2	J9-1				
50	3	PN9-1	PN9-5		G4IDC5D	M1
	4	J9-2				
51	5	PN9-3	PN9-7		G4IDC5D	M0
	6	J9-3				
52	7	PN9-5	PN9-9		G4IDC5D	S2
	8	J9-4				
53	9	PN9-7	PN9-11		G4IDC5D	S1
	10	J9-5				
54	11	PN9-9	PN9-13		G4IDC5D	S0
	12	J9-6				
55	13	PN9-11	PN9-15		G4IDC5D	AUTO/MAN
	14	J9-7				
56	15	PN9-13	PN9-17		G4IDC5D	STOP
	16	J9-8				
57	17	PN9-15	PN9-19		G4IDC5D	FWD
	18	J9-9				
58	19	PN9-17	PN9-21		G4IDC5D	REV
	20	J9-10				
59	21	PN9-19	PN9-23		G4IDC5D	TOGGLE1
	22	J9-11				
60	23	PN9-21	PN9-25	MANWIRE0	G4IDC5D	TOGGLE2
	24	J9-12				
61	25	PN9-23	PN9-27	INTERLOC	G4IDC5D	LOCKED OUT
	26	J13-3				
62	27	PN9-25	PN9-29	INTERLOC	G4IDC5D	BAND CLAMPED
	28	J13-6				
63	29	PN9-27	PN9-31	-	-	-
	30	JV6-1				
64	31	PN9-29	PN9-33	-	G4IDC5D	AIR PRESSURE
	32	JV6-3				
65	33	PN9-31	PN9-35	FLOWMETR	G4IDC5D	COOLANT FLOW OK
	34	JV6-4				
66	35	PN9-33	PN9-37	-	-	REMOTE CONT LOCKOUT
	36	-				
67	37	PN9-35	PN9-39	-	-	-
	38	-				
68	39	PN9-37	PN9-41	-	-	-
	40	-				
69	41	PN9-39	PN9-45	ROTATION INTERLOCK	G4IDC5D	ESTOP
	42	J13-14				
70	43	J13-12	-	ROTATION INTERLOCK	G4IDC5D	BYPASS/NORMAL
	44	J13-13				
71	45	PN9-41	PN9-47	ROTATION INTERLOCK	G4IDC5D	ROTATION DISABLED
	46	-				
72	47	PN9-45	-	ROTATION INTERLOCK	G4IDC5D	BAND UNCLAMPED
	48	J13-10				

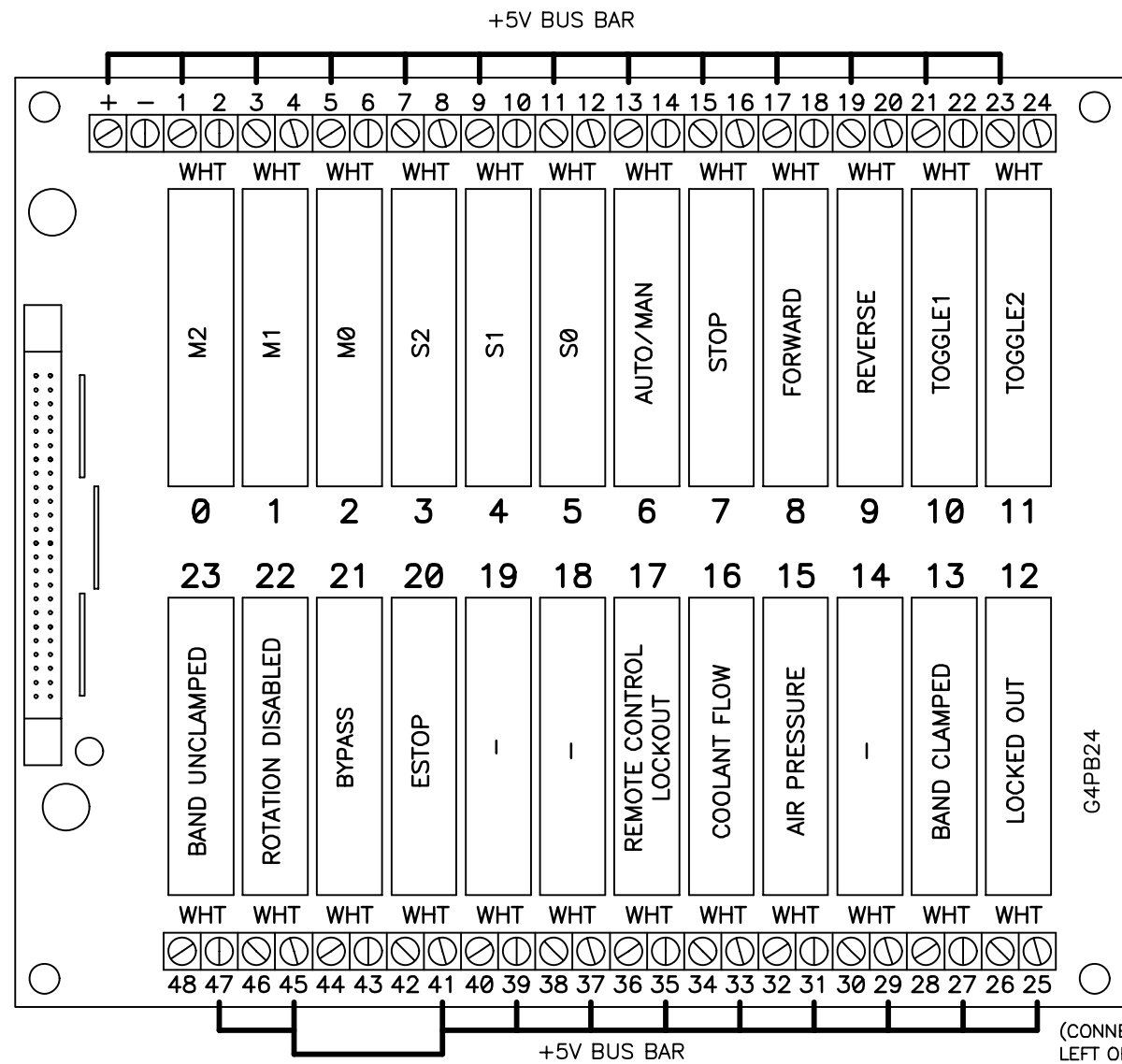
NOTE:

TB => TERMINAL STRIP

PN => OPTO-22 RELAY PANEL

J => CONNECTOR ON PANEL

* => USE 18 GAUGE WIRE



CRADLE CONTROLLER
CONTROLLER #0
BOARD #9

REVISION

- 03-16-00 ADDED BAND UNCLAMPED RELAY AT CHANNEL 23
- 08-07-00 CORRECTED LABELS ON BAND CLAMP AND LOCK OUT FUNCTIONS
- 01-17-01 REMOVED UPS INPUT SIGNALS. NOW COMMUNICATES VIA LANTRONIX BOX.
- 03-02-01 EDITED BIT NUMBERS FOR THE GALIL 1800 SERIES CONTROLLER
- 03-14-01 MOVED 'ROTATION DISABLED' FROM PANEL 8 TO PANEL 9 CHANNEL 22
- 10-19-01 ADDED ESTOP AND AIR PRESSURE INPUTS & REMOVED CH 14
- 11-29-01 SWAPPED 'AIR PRESSURE' & 'COOLANT FLOW' LABELS.
- 01-02-02 ADDED REMOTE CONTROL LOCKOUT (NOT INSTALLED - RESERVED FOR POSSIBLE USE AT KECK)

UNIVERSITY OF CALIFORNIA
LICK OBSERVATORY

INPUT PORT ASSIGNMENTS 73-96
CONTROLLER #0 OPTO-22
DEIMOS SPECTROGRAPH

DES'N BY: B. Alcott

ORIGIN DATE: 10-30-97

DWG. NO.

NUM. 1 OF 1

DRAWN BY:

MODIFY DATE: 01-02-02

PATH: DEIMOS\IN9

REV.A

EL-3115

EL-3115-2D

BOARD #9