



REVISION		UNIVERSITY OF CALIFORNIA LICK OBSERVATORY		CRADLE CABLE BUNDLE DIAGRAM DEIMOS SPECTROGRAPH	
		DES'N BY: B. Alcott	ORIGIN DATE: 04-10-02	DWG. NO.	NUM. 1 OF 6
		DRAWN BY:	MODIFY DATE: 04-10-02	EL-3143	
		PATH: DEIMOS\VLTCCABLE	REV. A		

CABLE	COLOR	TYPE	FUNCTION
1	GREEN	CAT5	UPS COMMUNICATION
2	BLUE	CAT5	PUBLIC NET TO ROTO
3	BLACK	AC CORD	CRADLE LANTRONIX
4	BLACK	COAX	PRIVATE NET TO 4-PORT HUB
5	BLACK	COAX	PRIVATE NET TO BARREL
SIG006	GRAY	SIGNAL	HATCH/ROTATION INTERLOCKS
SIG007	GRAY	SIGNAL	COOLANT TEMPERATURES
SIG008	GRAY	SIGNAL	RENISHAW ENCODER #1
SIG009	GRAY	SIGNAL	RENISHAW ENCODER #2
SIG010	GRAY	SIGNAL	E-STOP
SIG011	GRAY	SIGNAL	ROTATION BYPASS
SIG012	GRAY	SIGNAL	CRADLE INSERT MOTION SLOWDOWN SIGNAL
SIG013	GRAY	SIGNAL	CRADLE INSERT MOTION STOP SIGNAL
SIG014	GRAY	SIGNAL	COOLANT FLOW AND AIR PRESSURE SIGNALS
SIG015	GRAY	SIGNAL	ROTATION MOTOR CURRENT
SIG016	GRAY	SIGNAL	ROTATION LOGIC SIGNALS
SIG017	GRAY	SIGNAL	ROTATION SECONDARY LIMIT SIGNALS
SIG018	GRAY	SIGNAL	ROTATION OVERCENTER SIGNAL
SIG019	GRAY	SIGNAL	ROTATION STOP (BIG RED BUTTONS)
SIG020	GRAY	SIGNAL	ROTATION PRIMARY LIMIT SIGNALS

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CABLE	COLOR	TYPE	FUNCTION
1	GREEN	CAT5	UPS COMMUNICATION
2	BLUE	CAT5	LAPTOP JACK 1
3	BLUE	CAT5	LAPTOP JACK 2
4	BLACK	CAT5	BARCODE SCANNER
5	GRAY	CAT5	PRIVATE NET TO ROTO
6	BLUE	CAT5	LANTRONIX MAINTENANCE PORT
SIG006	GRAY	SIGNAL	HATCH/ROTATION INTERLOCKS FROM BARREL
SIG021	GRAY	SIGNAL	HATCH INTERLOCK TO ROTO
-	-	-	-
-	-	-	-

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CABLE	COLOR	TYPE	FUNCTION
1	BLACK	AC CORD	COOLING FANS IN BAYS C & D
2	BLACK	AC CORD	COOLING FANS IN BAYS A & B
-	-	-	-
-	-	-	-
-	-	-	-
SIG007	GRAY	SIGNAL	COOLANT TEMPERATURES
SIG008	GRAY	SIGNAL	RENISHAW ENCODER #1
SIG009	GRAY	SIGNAL	RENISHAW ENCODER #2
SIG010	GRAY	SIGNAL	E-STOP
SIG011	GRAY	SIGNAL	ROTATION BYPASS
SIG014	GRAY	SIGNAL	COOLANT FLOW AND AIR PRESSURE SIGNALS
SIG015	GRAY	SIGNAL	ROTATION MOTOR CURRENT
SIG016	GRAY	SIGNAL	ROTATION LOGIC SIGNALS
SIG017	GRAY	SIGNAL	ROTATION SECONDARY LIMIT SIGNALS
SIG018	GRAY	SIGNAL	ROTATION OVERCENTER SIGNAL
SIG019	GRAY	SIGNAL	ROTATION STOP (BIG RED BUTTONS)
SIG020	GRAY	SIGNAL	ROTATION PRIMARY LIMIT SIGNALS
SIG022	GRAY	SIGNAL	ROTATION MANUAL PADDLE

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CABLE	COLOR	TYPE	FUNCTION
1	BLUE	CAT5	LAPTOP JACK 1
2	BLUE	CAT5	LAPTOP JACK 2
3	BLUE	CAT5	LANTRONIX MAINTENANCE PORT
4	-	-	-
5	-	-	-
SIG022	GRAY	SIGNAL	ROTATION MANUAL PADDLE
SIG023	GRAY	SIGNAL	ROTO SPEAKERS
SIG024	GRAY	SIGNAL	ROTO MICROPHONE
-	-	-	-
-	-	-	-

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CABLE	COLOR	TYPE	BAYS	FUNCTION
SIG006	GRAY	SIGNAL	B & D	HATCH/ROTATION INTERLOCKS
SIG007	GRAY	SIGNAL	B & C	COOLANT TEMPERATURES
SIG008	GRAY	SIGNAL	B & C	RENISHAW ENCODER #1
SIG009	GRAY	SIGNAL	B & C	RENISHAW ENCODER #2
SIG010	GRAY	SIGNAL	B & C	E-STOP
SIG011	GRAY	SIGNAL	B & C	ROTATION BYPASS
SIG012	GRAY	SIGNAL	B	CRADLE INSERT MOTION SLOWDOWN SIGNAL
SIG013	GRAY	SIGNAL	B	CRADLE INSERT MOTION STOP SIGNAL
SIG014	GRAY	SIGNAL	B & D	COOLANT FLOW AND AIR PRESSURE SIGNALS
SIG015	GRAY	SIGNAL	B & D	ROTATION MOTOR CURRENT
SIG016	GRAY	SIGNAL	B & D	ROTATION LOGIC SIGNALS
SIG017	GRAY	SIGNAL	B & D	ROTATION SECONDARY LIMIT SIGNALS
SIG018	GRAY	SIGNAL	B & D	ROTATION OVERCENTER SIGNAL
SIG019	GRAY	SIGNAL	B & D	ROTATION STOP (BIG RED BUTTONS)
SIG020	GRAY	SIGNAL	B & D	ROTATION PRIMARY LIMIT SIGNALS
SIG021	GRAY	SIGNAL	C & D	HATCH INTERLOCKS TO ROTO
SIG022	GRAY	SIGNAL	A & C	ROTATION MANUAL PADDLE
SIG023	GRAY	SIGNAL	A & C	ROTO SPEAKERS
SIG024	GRAY	SIGNAL	A & C	ROTO MICROPHONE
-	-	-	-	-

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