

# GALIL CONTROLLER #1 EXTENDED I/O

Shane AO Extended I/O, Controller #1						CONN	PIN
BIT	I/O	LABEL	SIGNAL	FUNCTION			
17	-	I017	DSC_MTR_BRK_TT-Y	CABLE DISCONNECT FOR MOTOR & BRAKE TT_Y STAGE	J14	1	
18	-	I018	DSC_MTR_BRK_TT-X	CABLE DISCONNECT FOR MOTOR & BRAKE TT_X STAGE	J14	6	
19	-	I019	DSC_MTR_BRK_LENSLET	CABLE DISCONNECT FOR MOTOR & BRAKE LENSLET STAGE	J14	2	
20	-	I020	DSC_ENCDRS_TT-Y	CABLE DISCONNECT FOR ENCODERS_TT-Y STAGE	J14	7	
21	-	I021	DSC_ENCDRS_TT-X	CABLE DISCONNECT FOR ENCODERS_TT-X STAGE	J14	3	
22	-	I022	DSC_ENCDRS_LENSLET	CABLE DISCONNECT FOR ENCODERS_LENSLET STAGE	J14	8	
23	-	I023	SEC_LMTBRD_TT-Y	SECONDARY LIMIT, TT-Y STAGE	J14	4	
24	-	I024	SEC_LMTBRD_TT-X	SECONDARY LIMIT, TT-X STAGE	J14	9	
25	-	I025	SEC_LMTBRD_LENSLET	SECONDARY LIMIT, LENSLET STAGE	J12	9	
26	-	I026	DSC_LMT-2ND_TT-Y	CABLE DISCONNECT, LIMIT BOARD, TT-Y STAGE	J12	10	
27	-	I027	DSC_LMT-2ND_TT-X	CABLE DISCONNECT, LIMIT BOARD, TT-X STAGE	J12	11	
28	-	I028	DSC_LMT-2ND_LENSLET	CABLE DISCONNECT, LIMIT BOARD, LENSLET STAGE	J12	12	
29	-	I029	-	-	-	-	
30	-	I030	-	-	-	-	
21	-	I031	DSC_ENC_AUX_TIP-FM1	CABLE DISCO, HEID. ENCODER, FM1, TIP, STAGE A	-	-	
32	-	I032	-	-	-	-	

↑  
1 = IN  
0 = OUT

Shane AO Extended I/O, Controller #1						CONN	PIN
BIT	I/O	LABEL	SIGNAL	FUNCTION			
33	-	I033	-	-	J14	1	
34	-	I034	-	-	J14	6	
35	-	I035	DSC_ENC_HEID_TILT-FM1	CABLE DISCO, HEID. ENCODER, FM1, TILT, STAGE B	J14	2	
36	-	I036	-	-	J14	7	
37	-	I037	DSC_ENC_NWPT_TIP-FM1	CABLE DISCO, NEWPORT. ENCODER, FM1, TIP, STAGE A	J14	3	
38	-	I038	-	-	J14	8	
39	-	I039	-	-	J14	4	
40	-	I040	DSC_ENC_NWPT_TILT-FM1	CABLE DISCO, NEWPORT. ENCODER, FM1, TILT, STAGE B	J14	9	
41	-	I041	-	-	J12	9	
42	-	I042	-	-	J12	10	
43	-	I043	-	-	J12	11	
44	-	I044	-	-	J12	12	
45	-	I045	-	-	-	-	
46	-	I046	-	-	-	-	
47	-	I047	-	-	-	-	
48	-	I048	-	-	-	-	

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1 = IN  
0 = OUT

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REVISIONS	<a href="http://loel.uclick.org/manual/SA0/schematics/SA0_in_out_sh_2.pdf">http://loel.uclick.org/manual/SA0/schematics/SA0_in_out_sh_2.pdf</a>
07/22/13 ADDED INPUTS I/O 17 THROUGH I/O 28	
10/10/13 CORECTED SECONDARY LIMIT ASSIGNMENTS	
10/29/13 ADDED "SEC" TO SIGNAL NAME ON SECONDARY LIMITS	
04/03/14 ADDED CABLE DISCONNECTS FOR FM1	

<b>UNIVERSITY OF CALIFORNIA OBSERVATORIES</b>		<b>SHANE AO I/O ASSIGNMENTS CONTROLLER 1 EXTENDED I/O</b>	
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