

GALIL CONTROLLER #2 EXTENDED I/O

Shane AO Extended I/O, Controller #2						CONN	PIN
BIT	I/O	LABEL	SIGNAL	FUNCTION			
17	-	I017			-	X	
18	-	I018	DISC_MAIN_ENCR-A	CABLE DISCONNECT MAIN ENCODER WFSFS2RY	-	X	
19	-	I019	DISC_AUX_ENCR-A	CABLE DISCONNECT AUX ENCODER WFSFS2RY	-	X	
20	-	I020	DISC_MAIN_ENCR-B	CABLE DISCONNECT MAIN ENCODER WFSFS2RX	-	X	
21	-	I021	DISC_AUX_ENCR-B	CABLE DISCONNECT AUX ENCODER WFSFS2RX	-	X	
22	-	I022	DISC_MAIN_ENCR-C	CABLE DISCONNECT MAIN ENCODER WFSFS1RX	-	X	
23	-	I023	DISC_AUX_ENCR-C	CABLE DISCONNECT AUX ENCODER WFSFS1RX	-	X	
24	-	I024	DISC_MAIN_ENCR-D	CABLE DISCONNECT MAIN ENCODER WFSFS1RY	-	X	
25	-	I025	DISC_AUX_ENCR-D	CABLE DISCONNECT AUX ENCODER WFSFS1RY	-	X	
26	-	I026	-	-	-	X	
27	-	I027	DSC_MAIN_ENCR_FOCUS	CABLE DISCO FOR MAIN ENCODER FOCUS STAGE	-	X	
28	-	I028	DSC_AUX_ENCR_FOCUS	CABLE DISCO FOR AUX ENCODER FOCUS STAGE	-	X	
29	-	I029	-	-	-	5	
30	-	I030	DSC_LIMIT_FOCUS	CABLE DISCO FOR LIMIT FOCUS STAGE	-	35	
31	-	I031	SEC_LIMIT_WFS_DICHR	SECONDARY LIMIT WFS DICHROIC	-	21	
32	-	I032	DSC_M_ENCR_WF_DICH	CABLE DISCO MAIN ENCD WFS_DICHR STAGE	-	6	

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1 = IN
0 = OUT

Shane AO Extended I/O, Controller #2						CONN	PIN
BIT	I/O	LABEL	SIGNAL	FUNCTION			
33	-	I033	DSC_A_ENCR_WFS_DICH	CABLE DISCO FOR AUX ENCODER WFS_DICH STAGE	-	7	
34	-	I034	DSC_MTR_BRK_WFS_DICH	CABLE DISCO FOR MTR & BRAKE WFS_DICH STAGE	-	37	
35	-	I035	DSC_LIMT_BRD_WFS_DICH	CABLE DISCO FOR LIMIT BOARD WFS_DICH STAGE	-	23	
36	-	I036	-	-	-	8	
37	-	I037	DSC_MTR_BRK_FOCUS	CABLE DISCO FOR MTR & BRAKE FOCUS STAGE	-	24	
38	-	I038	SEC_LIMIT_FOCUS	SECONDARY LIMIT FOCUS STAGE	-	9	
39	-	I039	SEC_LIMIT_TT_DICHR	SECONDARY LIMIT TT DICHROIC	-	40	
40	-	I040	DSC_M_ENCR_TT_DICH	CABLE DISCO MAIN ENCODER TT DICH STAGE	-	26	
41	-	I041	DSC_A_ENCR_TT_DICH	CABLE DISCO FOR AUX ENCODER TT_DICH STAGE	-	11	
42	-	I042	DSC_MTR_BRK_TT_DICH	CABLE DISCO FOR MTR & BRAKE TT_DICH STAGE	-	41	
43	-	I043	DSC_LIMT_BRD_TT_DICH	CABLE DISCO FOR LIMIT BOARD TT_DICH STAGE	-	27	
44	-	I044	SEC_LIMIT_CAL **RES	SECONDARY LIMIT CAL STAGE	-	-	
45	-	I045	DSC_M_ENCR_CAL **RES	CABLE DISCO FOR MAIN ENCODER CAL STAGE	-	-	
46	-	I046	DSC_A_ENCR_CAL **RES	CABLE DISCO FOR AUX ENCODER CAL STAGE	-	-	
47	-	I047	DSC_MTR_BRK_CAL **RES	CABLE DISCO FOR MTR & BRAKE CAL STAGE	-	-	
48	-	I048	DSC_LIMT_BRD_CAL **RES	CABLE DISCO FOR LIMIT BOARD TT_CAL STAGE	-	-	

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REVISIONS	http://loel.ucolick.org/manual/SAO/schematics/SAO_in_out_sh_4.pdf
07/22/13 ADDED FOCUS STAGE & FIELD STEERING MIRROR INPUT ASSIGNMENTS	
10/10/13 CORECTED SECONDARY LIMIT ASSIGNMENTS, FOCUS STAGE	
10/25/13 ADDED TT DICHROIC, WFS DICHROIC AND CALIBRATION I/O ASSIGNMENTS	
10/29/13 MODIFIED WFS DICHROIC AND CALIBRATION I/O NAMES	
11/07/13 MOVED FOCUS BRAKE DISCO & SECONDARY LIMITS TO I/O 37-38	

UNIVERSITY OF CALIFORNIA OBSERVATORIES		SHANE AO I/O ASSIGNMENTS CONTROLLER 2 EXTENDED I/O	
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