GALIL CONTROLLER #2 MAIN I/O

Shane AO Main I/O, Controller #2						
BIT	I/O	LABEL	SIGNAL	FUNCTION	CONN	PIN
1	I	DI1	–	–	–	–
2	I	DI2	–	–	–	–
3	I	DI3	–	–	–	–
4	I	DI4	–	–	–	–
5	I	DI5	–	–	–	–
6	I	DI6	–	–	–	–
7	I	DI7	–	–	–	–
8	I	DI8	–	–	–	–
9	I	DI9	DISCO_LMT_BRD_ON_A	CABLE DISCONECT LIMIT BOARD WFSFS2RY	–	–
10	I	DI10	DISCO_LMT_BRD_ON_B	CABLE DISCONECT LIMIT BOARD WFSFS2RX	–	–
11	I	DI11	DISCO_LMT_BRD_ON_C	CABLE DISCONECT LIMIT BOARD WFSF1RX	–	–
12	I	DI12	DISCO_LMT_BRD_ON_D	CABLE DISCONECT LIMIT BOARD WFSF1RY	–	–
13	I	DI13	–	–	–	–
14	I	DI14	–	–	–	–
15	I	DI15	–	–	–	–
16	I	DI16	–	–	–	–

Shane AO Main I/O, Controller #2						
BIT	I/O	LABEL	SIGNAL	FUNCTION	CONN	PIN
1	O	DO1	–	–	–	–
2	O	DO2	–	–	–	–
3	O	DO3	–	–	–	–
4	O	DO4	–	–	–	–
5	O	DO5	TT_DICHR_BRAKE	BRAKE OFF TT DICHROIC STAGE	–	–
6	O	DO6	CLIBRATION_BRAKE	BRAKE OFF CALIBRATION STAGE	–	–
7	O	DO7	WFS_DICHR_BRAKE	BRAKE OFF WFS DICHROIC STAGE	–	–
8	O	DO8	FOCUS_BRAKE	BRAKE OFF FOCUS STAGE	–	–
9	O	DO9	LMT_BRD_ON_A	TURNS ON OPTO CONTRLLED LIMIT BOARD WFSFS2RY	–	–
10	O	DO10	LMT_BRD_ON_B	TURNS ON OPTO CONTRLLED LIMIT BOARD WFSFS2RX	–	–
11	O	DO11	LMT_BRD_ON_C	TURNS ON OPTO CONTRLLED LIMIT BOARD WFSF1RX	–	–
12	O	DO12	LMT_BRD_ON_D	TURNS ON OPTO CONTRLLED LIMIT BOARD WFSF1RY	–	–
13	O	DO13	–	–	–	–
14	O	DO14	–	–	–	–
15	O	DO15	–	–	–	–
16	O	DO16	–	–	–	–

Shane AO Analog Inputs, Controller #2				
INIPUT	LABEL	SIGNAL	FUNCTION	PIN
1	AI1	ANALOG IN 1	–	2
2	AI2	ANALOG IN 2	–	10
3	AI3	ANALOG IN 3	–	3
4	AI4	ANALOG IN 4	–	11
5	AI5	ANALOG IN 5	–	4
6	AI6	ANALOG IN 6	–	12
7	AI7	ANALOG IN 7	–	5
8	AI8	ANALOG IN 8	–	13

B

REVISIONS

http://loel.ucolick.org/manual/SAO/schematics/SAO_in_out_sh_3.pdf

07/22/13 ADDED FOCUS STAGE BRAKE & FIELD MIRROR OPTICAL LIMIT ASSIGNMENTS
10/10/13 CORECTED OPTICAL LIMIT ASSIGNMENTS
10/25/13 ADDED BRAKE ASSIGNMENTS

UNIVERSITY OF CALIFORNIA OBSERVATORIES

SHANE AO
I/O ASSIGNMENTS
CONTROLLER 2 MAIN I/O

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SHANE AO I/O

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