

# GALIL CONTROLLER #3 MAIN I/O

Shane AO Main I/O, Controller #3						
BIT	I/O	LABEL	SIGNAL	FUNCTION	CONN	PIN
1	I	DI1	TT FILTER WHEEL PULSE	10 mS FILTER WHEEL TT PULSE @ COMANED POSITION	I/O (A-D)	2
2	I	DI2	-	-	I/O (A-D)	32
3	I	DI3	-	-	I/O (A-D)	18
4	I	DI4	SC FILTER WHEEL PULSE	10 mS FILTER WHEEL SC PULSE @ COMANED POSITION	I/O (A-D)	3
5	I	DI5	-	-	I/O (A-D)	33
6	I	DI6	-	-	I/O (A-D)	19
7	I	DI7	-	-	I/O (A-D)	4
8	I	DI8	-	-	I/O (A-D)	34
9	I	DI9	-	-	I/O (E-H)	2
10	I	DI10	-	-	I/O (E-H)	32
11	I	DI11	-	-	I/O (E-H)	18
12	I	DI12	-	-	I/O (E-H)	3
13	I	DI13	-	-	I/O (E-H)	33
14	I	DI14	AC-FEEDBACK	FEEDBACK, A.C. ON/OFF	I/O (E-H)	19
15	I	DI15	PULSE-MONTR	FEEDBACK, PULSE MONITOR	I/O (E-H)	4
16	I	DI16	-	-	I/O (E-H)	34

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BIT	I/O	LABEL	SIGNAL	FUNCTION	CONN	PIN
1	O	DO1	-	-	I/O (A-D)	41
2	O	DO2	-	-	I/O (A-D)	27
3	O	DO3	-	-	I/O (A-D)	12
4	O	DO4	-	-	I/O (A-D)	42
5	O	DO5	-	-	I/O (A-D)	28
6	O	DO6	-	-	I/O (A-D)	13
7	O	DO7	-	-	I/O (A-D)	43
8	O	DO8	-	-	I/O (A-D)	29
9	O	DO9	HRBT	SIGNAL, HEARTBEAT	I/O (E-H)	41
10	O	DO10	RST	SINAL, RESET	I/O (E-H)	27
11	O	DO11	-	-	I/O (E-H)	12
12	O	DO12	-	-	I/O (E-H)	42
13	O	DO13	-	-	I/O (E-H)	28
14	O	DO14	-	-	I/O (E-H)	13
15	O	DO15	-	-	I/O (E-H)	43
16	O	DO16	-	-	I/O (E-H)	29

Shane AO Analog Inputs, Controller #3				
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

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**REVISIONS**

02/25/14 ADDED HEARTBEAT MONITOR I/O ASSIGNMENTS  
 03/18/14 ADDED THOR FILTER WHEEL 1 & 2 I/O ASSIGNMENTS

[http://loel.uclick.org/manual/SAO/schematicsS/AO\\_in\\_out\\_sh\\_5.pdf](http://loel.uclick.org/manual/SAO/schematicsS/AO_in_out_sh_5.pdf)

<b>UNIVERSITY OF CALIFORNIA OBSERVATORIES</b>		<b>SHANE AO I/O ASSIGNMENTS CONTROLLER 3 MAIN I/O</b>	
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