

End Station Controls Chassis 3			Left Rail					
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin
<b>Power</b>								
24V	violet	L	EK1101	0	24V	P	TBLOCK	
0V	gray	L	EK1101	0	0V	P	TBLOCK	
24V	violet	L	EK1101	0	24V	P	TBLOCK	
0V	gray	L	EK1101	0	0V	P	TBLOCK	
24V	violet	L	EL9410	10	24V	P	TBLOCK	
0V	gray	L	EL9410	10	0V	P	TBLOCK	
	red	L	EL9410	10	+	P		
	black	L	EL9410	10	-	P	7	19
<b>Coupler</b>								
Input	CAT5	L	EK1101	0	X2	Comm.	IN	
Output	CAT5	L	EK1101	0	X2	Comm.	OUT	
<b>Photon Calibrator</b>								
Op Follow Gain +	blue	L	EL4134	1	O1	AO	9	1
Op Follow Gain -	yellow	L	EL4134	1	COM	AO	9	20
Op Follow Offset +	blue	L	EL4134	1	O2	AO	9	2
Op Follow Offset -	yellow	L	EL4134	1	COM	AO	9	21
Laser PS Control +	blue	L	EL4134	1	O3	AO	9	3
Laser PS Control -	yellow	L	EL4134	1	COM	AO	9	22
		L	EL4134	1	O4	AO		
		L	EL4134	1	COM	AO		
WS PD +	green	L	EL3104	2	+1	AI	9	4
WS PD -	white	L	EL3104	2	-1	AI	9	23
Transmitter Temp +	green	L	EL3104	2	+2	AI	9	5
Transmitter Temp -	white	L	EL3104	2	-2	AI	9	24
Receiver Temp +	green	L	EL3104	2	+3	AI	9	6
Receiver Temp -	white	L	EL3104	2	-3	AI	9	25
Op Follow Osc +	green	L	EL3104	2	+4	AI	9	7
Op Follow Osc -	white	L	EL3104	2	-4	AI	9	26
LD Current +	green	L	EL3104	3	+1	AI	9	8
LD Current -	white	L	EL3104	3	-1	AI	9	27
LD Temp +	green	L	EL3104	3	+2	AI	9	9
LD Temp -	white	L	EL3104	3	-2	AI	9	28
		L	EL3104	3	+3	AI		
		L	EL3104	3	-3	AI		
		L	EL3104	3	+4	AI		
		L	EL3104	3	-4	AI		
Servo Open/Close +	orange	L	EL2624	4	13	BO	9	10
Servo Open/Close -	orange	L	EL2624	4	14	BO	9	29
Shutter Power +	orange	L	EL2624	4	23	BO	9	11
Shutter Power -	orange	L	EL2624	4	24	BO	9	30
Laser Enable +	orange	L	EL2624	4	33	BO	9	12
Laser Enable -	orange	L	EL2624	4	34	BO	9	31
	orange	L	EL2624	4	43	BO		
	orange	L	EL2624	4	44	BO		
0V	black	L	EL1094	5	-	P	9	13
Open Readback	brown	L	EL1094	5	I1	BI	9	32
Closed Readback	brown	L	EL1094	5	I2	BI	9	14
Servo Readback	brown	L	EL1094	5	I3	BI	9	33
		L	EL1094	5	I4	BI		
<b>ASC Demodulators</b>								
RF Mon 1 +	green	L	EL3104	6	+1	AI	8	1
RF Mon 1 -	white	L	EL3104	6	-1	AI	8	20
LO Mon 1 +	green	L	EL3104	6	+2	AI	8	2
LO Mon 1 -	white	L	EL3104	6	-2	AI	8	21
RF Mon 2 +	green	L	EL3104	6	+3	AI	8	3
RF Mon 2 -	white	L	EL3104	6	-3	AI	8	22
LO Mon 2 +	green	L	EL3104	6	+4	AI	8	4
LO Mon 2 -	white	L	EL3104	6	-4	AI	8	23
RF Mon 3 +	green	L	EL3104	7	+1	AI	8	5
RF Mon 3 -	white	L	EL3104	7	-1	AI	8	24
LO Mon 3 +	green	L	EL3104	7	+2	AI	8	6
LO Mon 3 -	white	L	EL3104	7	-2	AI	8	25

RF Mon 4 +	green	L	EL3104	7	+13	AI	8	7
RF Mon 4 -	white	L	EL3104	7	-13	AI	8	26
LO Mon 4 +	green	L	EL3104	7	+14	AI	8	8
LO Mon 4 -	white	L	EL3104	7	-14	AI	8	27
RF Mon 5 +	green	L	EL3104	8	+11	AI	8	9
RF Mon 5 -	white	L	EL3104	8	-11	AI	8	28
LO Mon 5 +	green	L	EL3104	8	+12	AI	8	10
LO Mon 5 -	white	L	EL3104	8	-12	AI	8	29
RF Mon 6 +	green	L	EL3104	8	+13	AI	8	11
RF Mon 6 -	white	L	EL3104	8	-13	AI	8	30
LO Mon 6 +	green	L	EL3104	8	+14	AI	8	12
LO Mon 6 -	white	L	EL3104	8	-14	AI	8	31
RF Mon 7 +	green	L	EL3104	9	+11	AI	8	13
RF Mon 7 -	white	L	EL3104	9	-11	AI	8	32
LO Mon 7 +	green	L	EL3104	9	+12	AI	8	14
LO Mon 7 -	white	L	EL3104	9	-12	AI	8	33
RF Mon 8 +	green	L	EL3104	9	+13	AI	8	15
RF Mon 8 -	white	L	EL3104	9	-13	AI	8	34
LO Mon 8 +	green	L	EL3104	9	+14	AI	8	16
LO Mon 8 -	white	L	EL3104	9	-14	AI	8	35
<b>MCL PZTs</b>								
HV10 Monitor PZT 2X +	green	L	EL3104	11	+11	AI	7	4
HV10 Monitor PZT 2X -	white	L	EL3104	11	-11	AI	7	23
Position Sensor PZT 2X +	green	L	EL3104	11	+12	AI	7	3
Position Sensor PZT 2X -	white	L	EL3104	11	-12	AI	7	22
HV10 Monitor PZT 2Y +	green	L	EL3104	11	+13	AI	7	2
HV10 Monitor PZT 2Y -	white	L	EL3104	11	-13	AI	7	21
Position Sensor PZT 2Y +	green	L	EL3104	11	+14	AI	7	1
Position Sensor PZT 2Y -	white	L	EL3104	11	-14	AI	7	20
HV10 Monitor PZT 1X +	green	L	EL3104	12	+11	AI	7	8
HV10 Monitor PZT 1X -	white	L	EL3104	12	-11	AI	7	27
Position Sensor PZT 1X +	green	L	EL3104	12	+12	AI	7	7
Position Sensor PZT 1X -	white	L	EL3104	12	-12	AI	7	26
HV10 Monitor PZT 1Y +	green	L	EL3104	12	+13	AI	7	6
HV10 Monitor PZT 1Y -	white	L	EL3104	12	-13	AI	7	25
Position Sensor PZT 1Y +	green	L	EL3104	12	+14	AI	7	5
Position Sensor PZT 1Y -	white	L	EL3104	12	-14	AI	7	24

End Station Controls Chassis 3				Middle Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin

End Station Controls Chassis 3				Right Rail				
Name	Color	Rail	Module	Number	Channel	Type	Adapter	Pin