

SFL1 (Chassis 1)			
cRIO Channels			
cRIO Module	Channel	Signal	Comment
<i>NI 9207</i>	AI_0	DC R1&2 Pressure	From MKS 223 Cap. Monometer (0 - 10V)
	AI_1	DC R3 Pressure	From MKS 223 Cap. Monometer (0 - 10V)
	AI_2	Spare	
	AI_3	Spare	
	AI_4	Spare	
	AI_5	HTCC Pressure	From MKS 223 Cap. Monometer (0 - 10V)
	AI_6	n/a	
	AI_7	n/a	
	AI_8	HTCC O2 Sensor	Supplied 4-20mA loop from NI-9207 to O2 sensor
	AI_9	n/a	
	AI_10	n/a	
	AI_11	n/a	
	AI_12	n/a	
	AI_13	n/a	
	AI_14	n/a	
	AI_15	n/a	
<i>NI 9263</i>	AO_0	DC R1&2 Valve 1	Output voltage to valve driver MKS 1249A
	AO_1	DC R1&2 Valve 2	Output voltage to valve driver MKS 1249A
	AO_2	DC R3 Valve 1	Output voltage to valve driver MKS 1249A
	AO_3	DC R3 Valve 2	Output voltage to valve driver MKS 1249A
<i>NI 9203</i>	AI_0		
	AI_1		
	AI_2		
	AI_3		
	AI_4		
	AI_5		
	AI_6		
	AI_7		
<i>NI 9219</i>	AI_0	MVT - Mix 1 - Pressure	Dwyer transducer 0-30 psig
	AI_1	MVT - Mix 2 - Pressure	Dwyer transducer 0-30 psig
	AI_2	Gas Pad Temperature	RTD
	AI_3	HTCC Moisture Sensor	Input 4-20mA loop from Easidew module
	AI_4	n/a	
	AI_5	n/a	
	AI_6	n/a	
	AI_7	n/a	