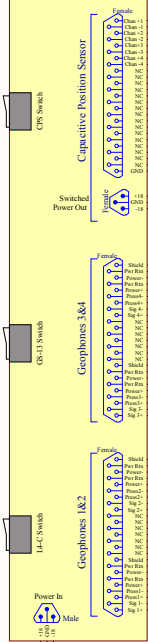


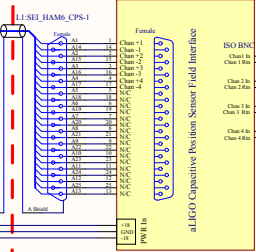
Geophones Corner 1&2 CPS Corner 1&2

HAM6, C1-31

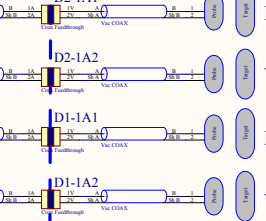
ISI Interface (Part 1)



Rack Field

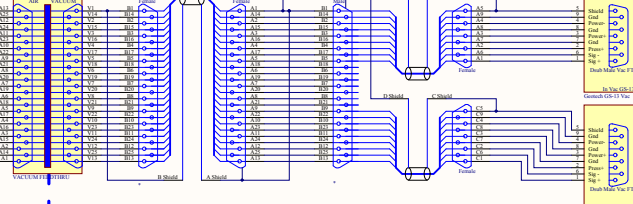


Air Vacuum



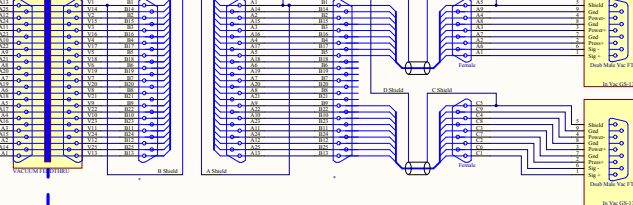
- Horiz. Corner 1
- Vert. Corner 1
- Horiz. Corner 2
- Vert. Corner 2

D2-3C1



- GS-13 Horiz (Geoph 4) Corner 2
- GS-13 Vert (Geoph 3) Corner 2

D1-3C1

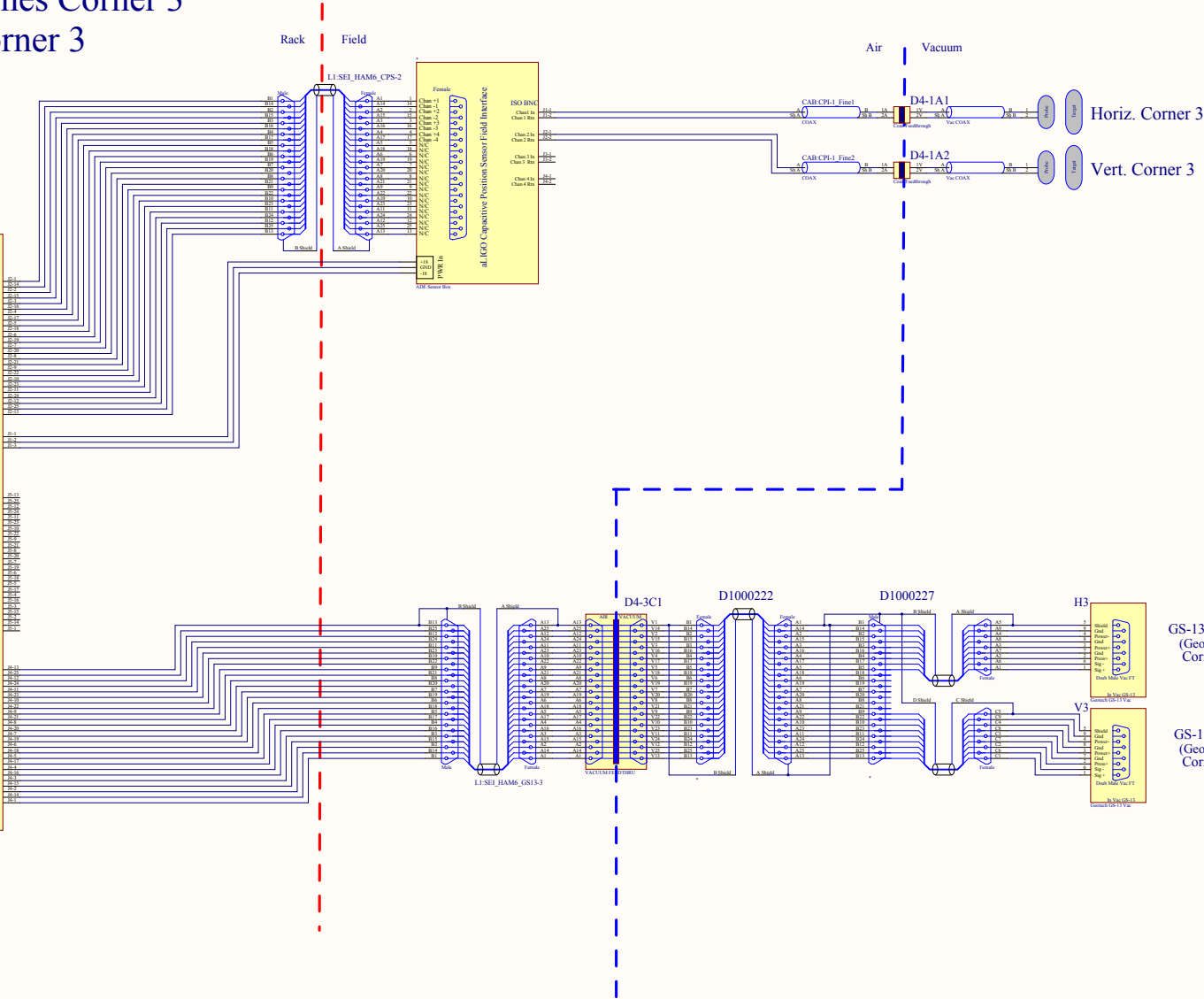
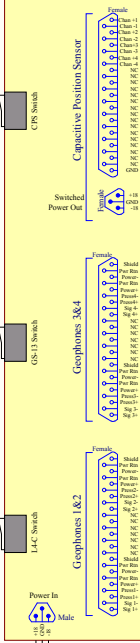


- GS-13 Horiz (Geoph 2) Corner 1
- GS-13 Vert (Geoph 1) Corner 1

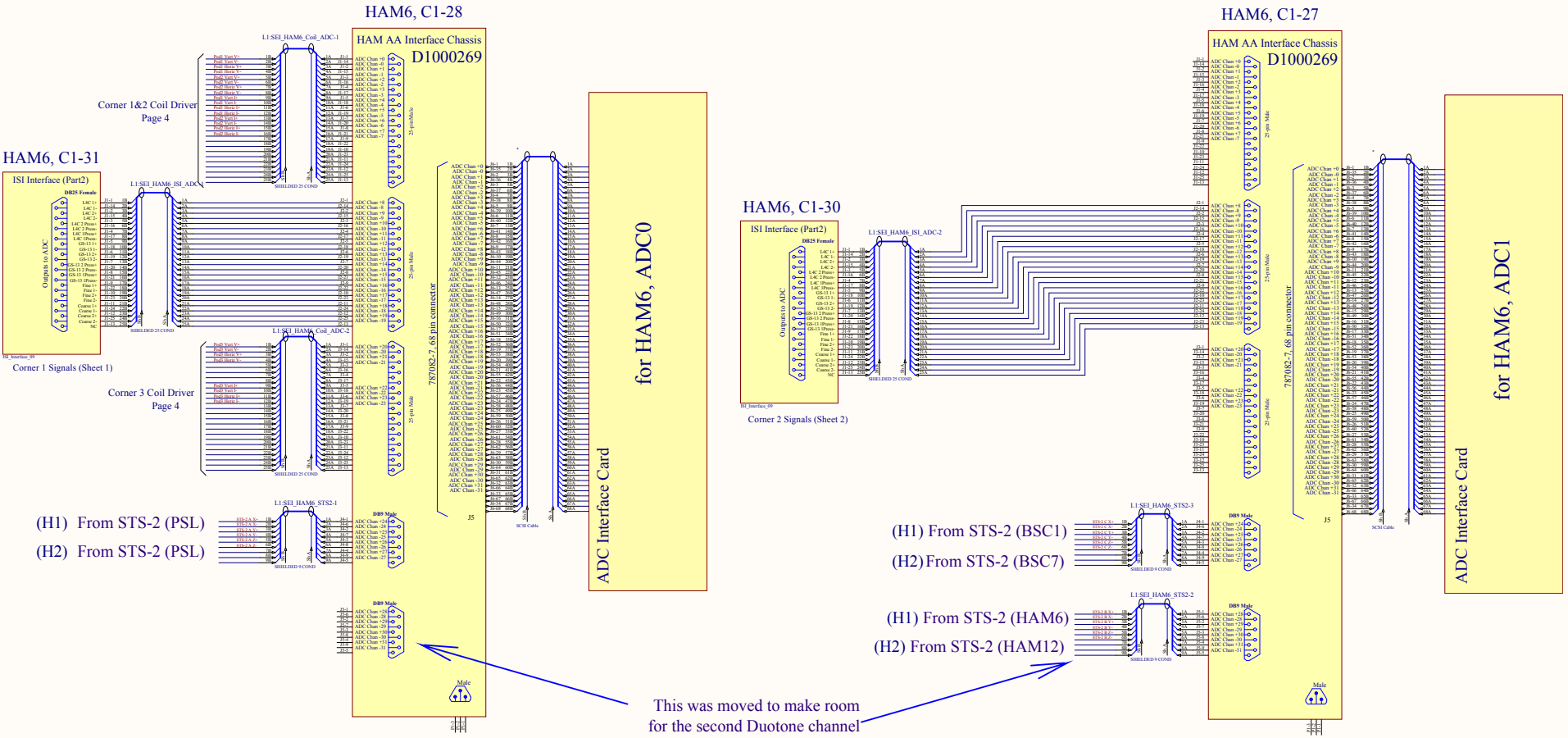
Geophones Corner 3 CPS Corner 3

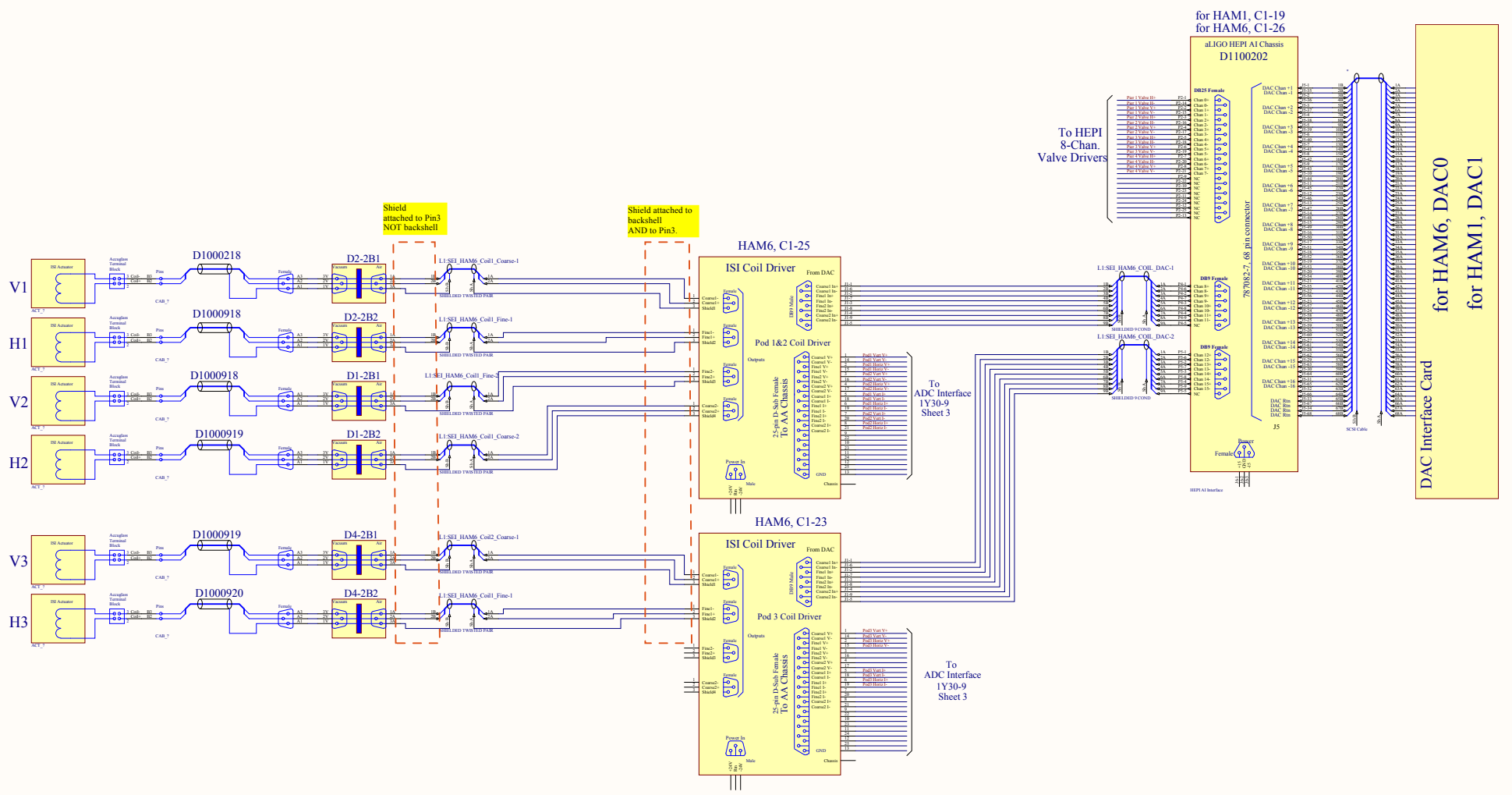
HAM6, C1-30

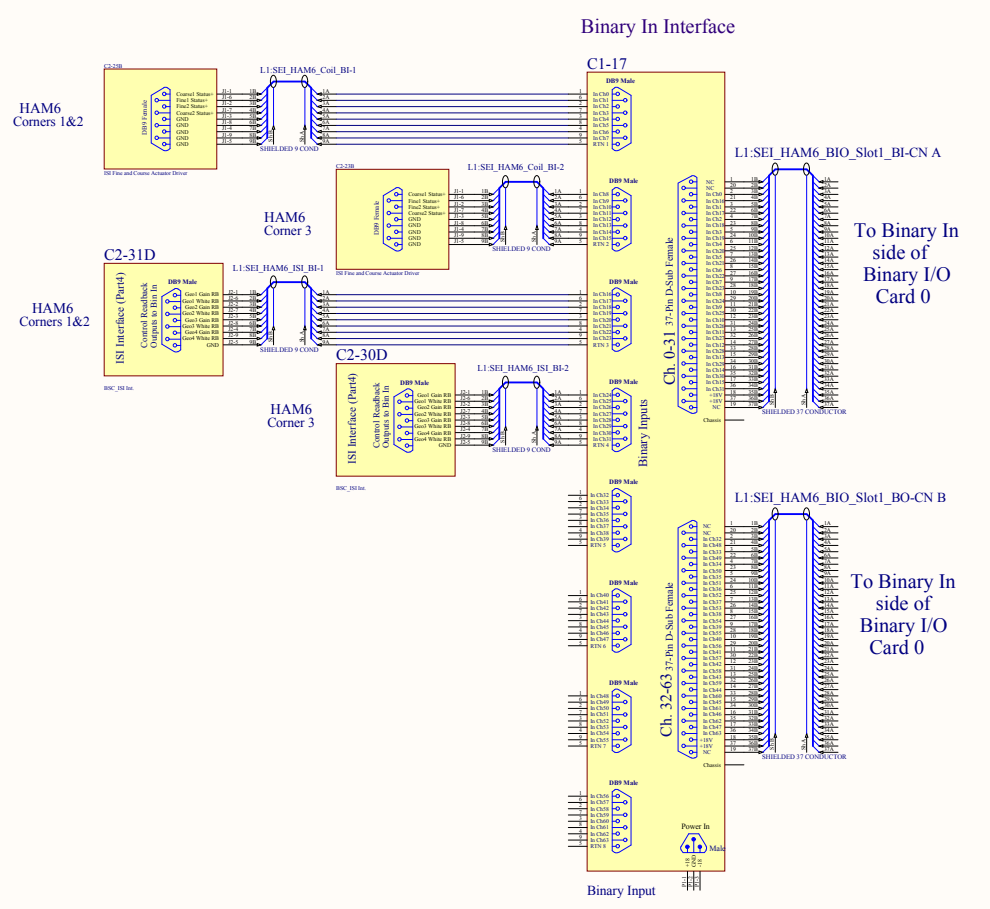
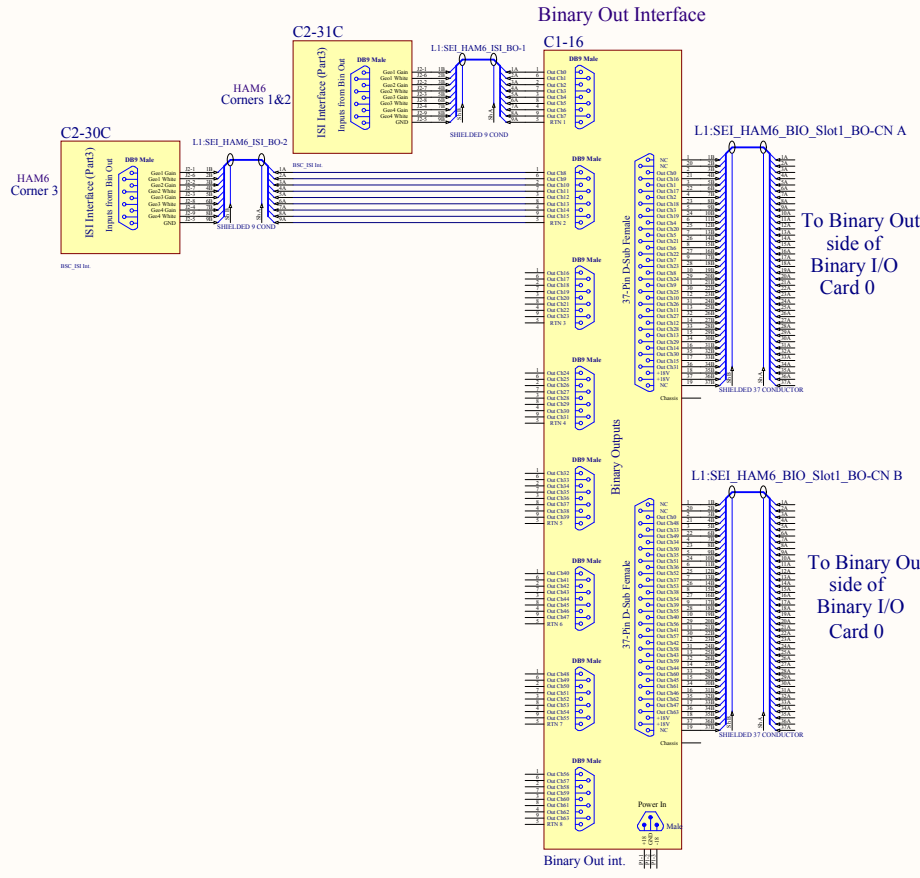
ISI Interface (Part 1)



HAM 6 ISI ADCs

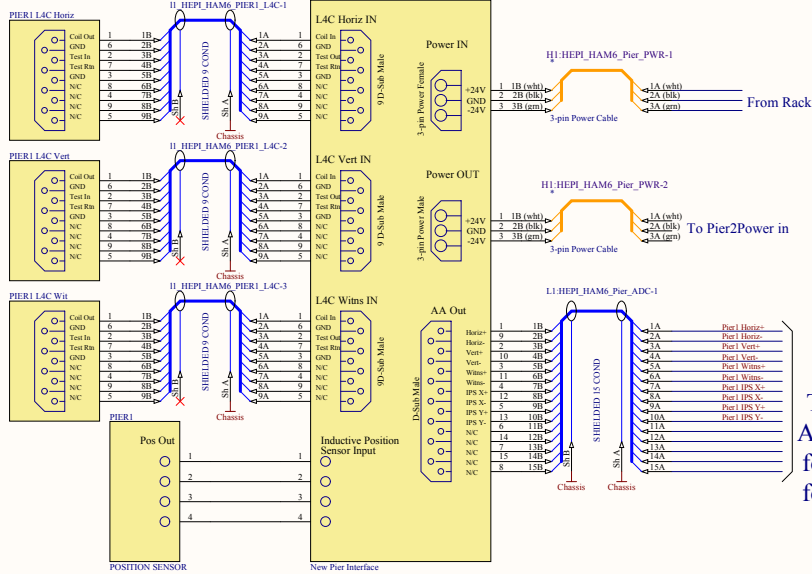






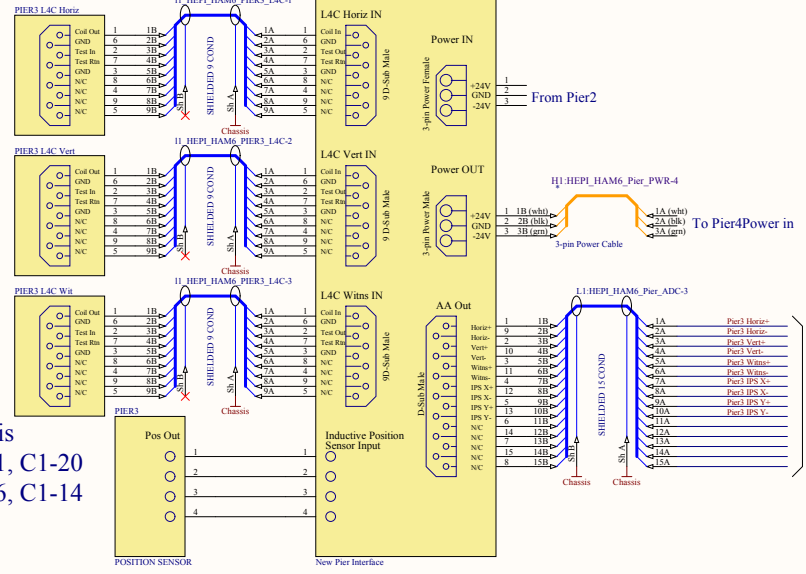
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Author: D	Doc Number: 01101214	4499 Project	Drawn upon file
Part Number: 000-233-2003	Revision: 01	California Institute of Technology Lawrence Livermore National Laboratory	C:\Bios\adigo\ham6\000-233-2003.dwg

Pier 1 Interface



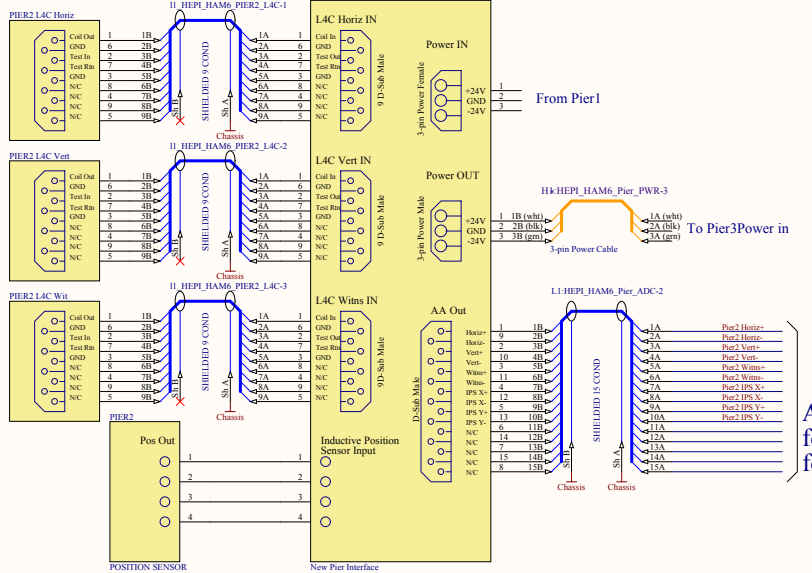
To HEPI
AA Chassis
for HAM1, C1-20
for HAM6, C1-14

Pier 3 Interface



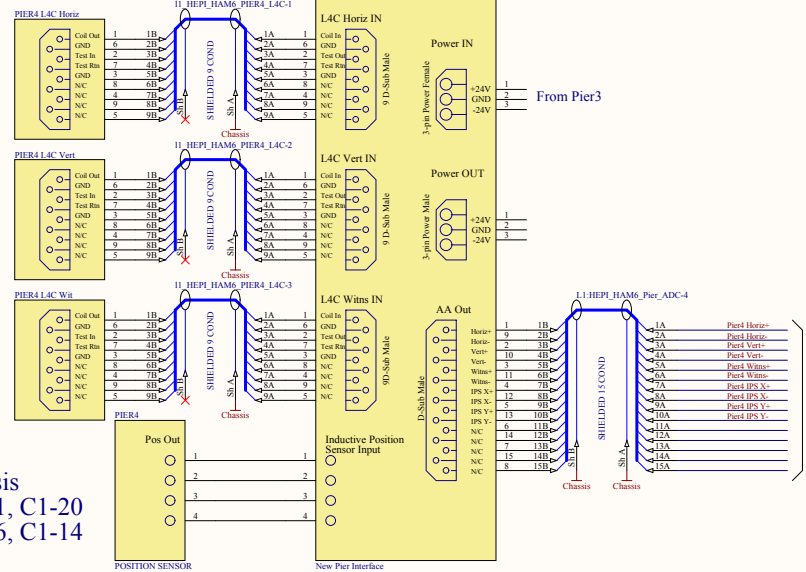
To HEPI
AA Chassis
for HAM1, C1-20
for HAM6, C1-14

Pier 2 interfaceA



To HEPI
AA Chassis
for HAM1, C1-20
for HAM6, C1-14

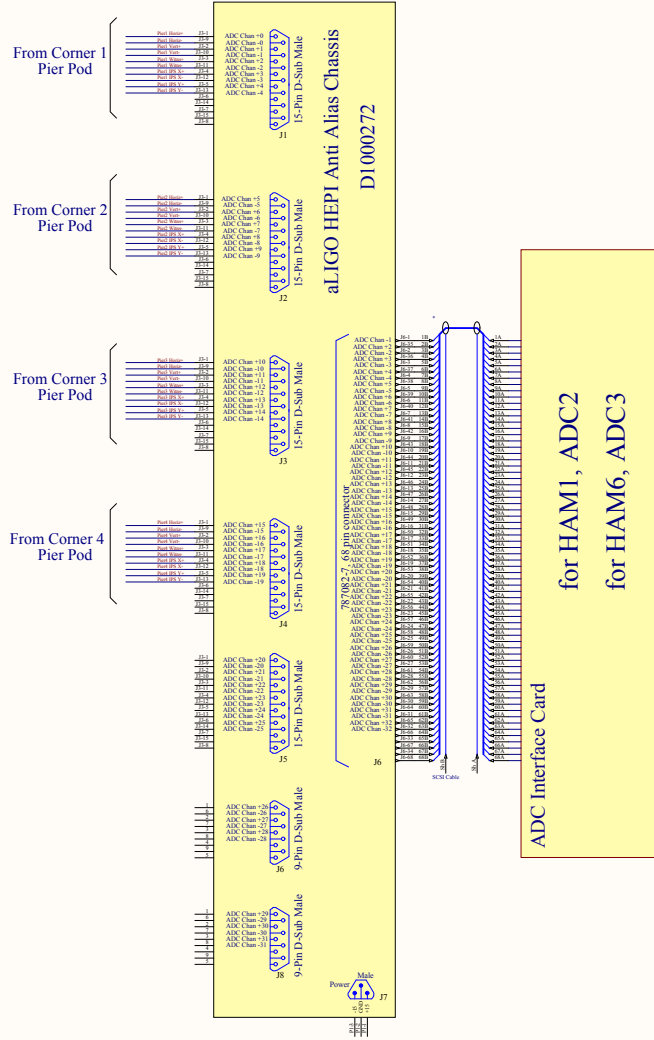
Pier 4 Interface



To HEPI
AA Chassis
for HAM1, C1-20
for HAM6, C1-14

Title alIGO HAMS 1&6 ISI HEPI System Schematics			
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Drawn by: Ben Abbott	Date: 2/21/2013	Revision: v6	
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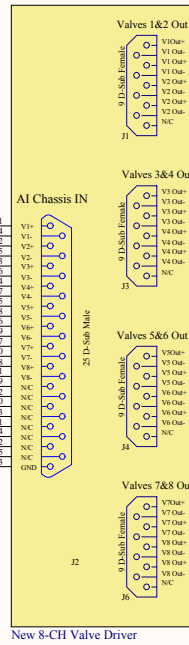
for HAM1, C1-20
for HAM6, C1-14



ADC Interface Card
for HAM1, ADC2
for HAM6, ADC3

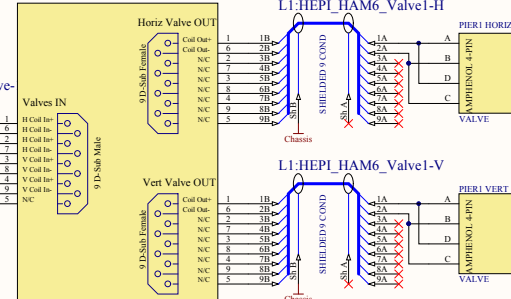
From AI Chassis
for HAM1, C1-19
for HAM6, C1-26
Page 4

for HAM1, C1-18
for HAM6, C1-12

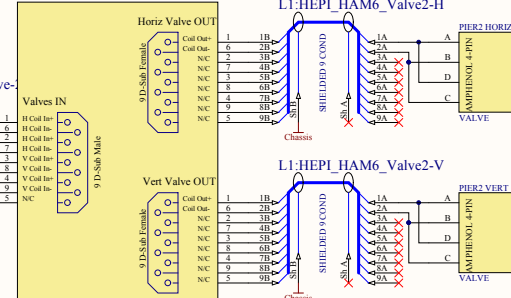


New 8-CH Valve Driver

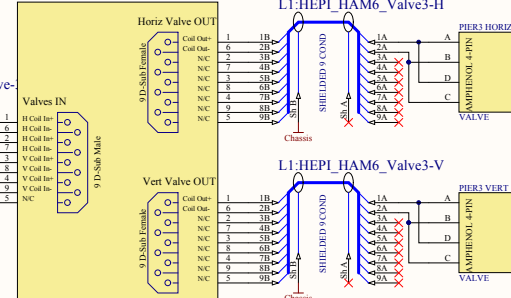
Pier 1 InterfaceB



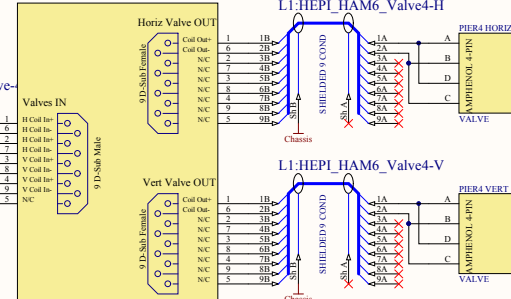
Pier 2 InterfaceB



Pier 3 InterfaceB

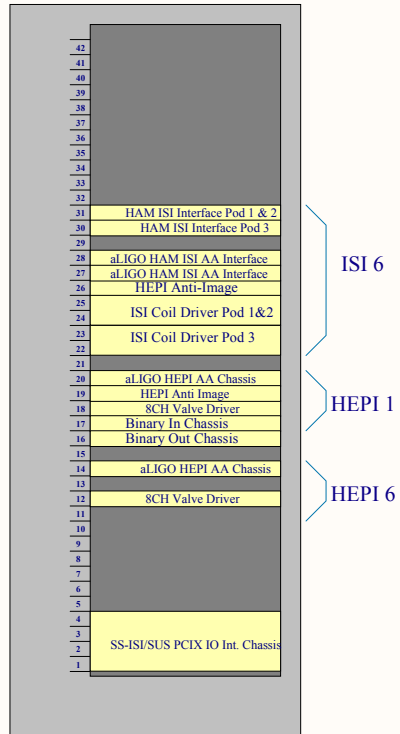


Pier 4 InterfaceB

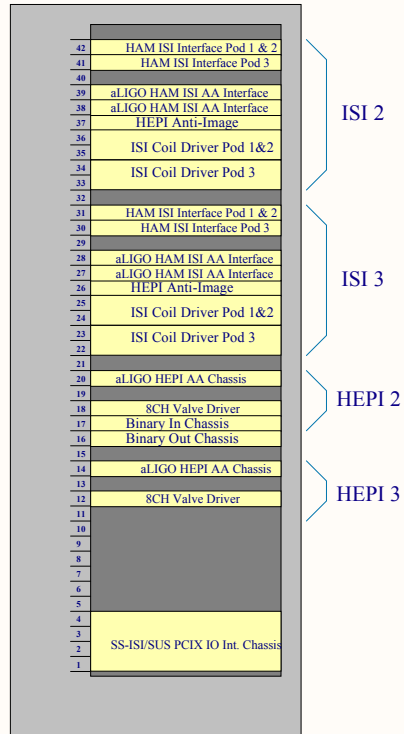


Per IFO	Per aLIGO	
	x 3 IFOs +1	
HAM AA Chassis = 10	32	
HEPI AA Chassis = 6	18	
HEPI A1 Chassis = 6	17	
Filter Boards = 76	228	
Binary In Chassis = 4	13	
Binary Out Chassis = 3	10	
BSC ISI Int = 6	21	
HAM ISI Int = 6	20	
8Ch. Valve = 6	19	
Coil dvr. Chassis = 10	32	

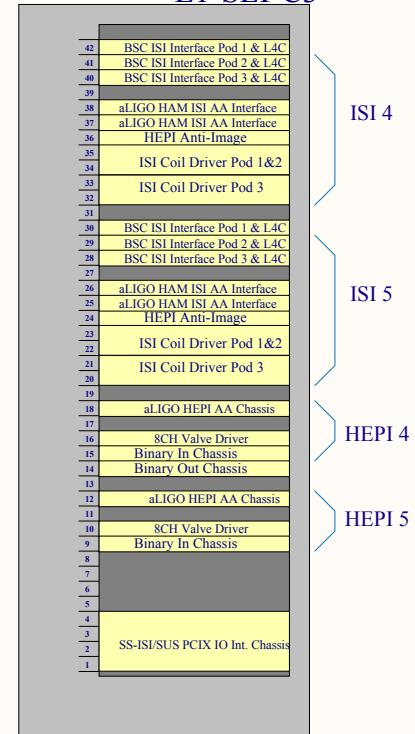
HAMs 1&6 L1-SEI-C1



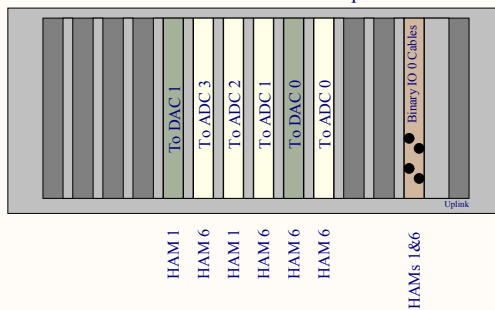
HAMs 2&3 L1-SEI-C2



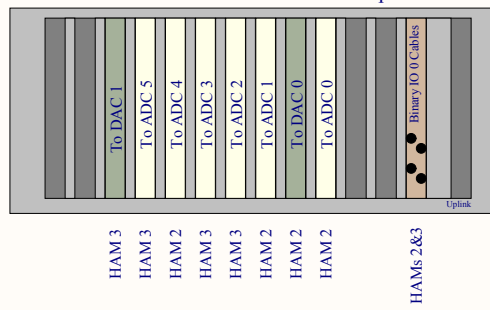
HAMs 4&5 L1-SEI-C3



HAMs 1&6 IO Chassis Backplane



HAMs 2&3 IO Chassis Backplane



HAMs 4&5 IO Chassis Backplane

