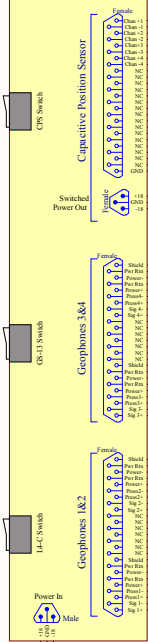


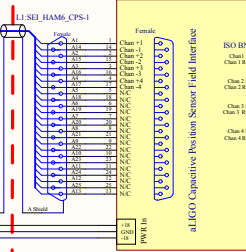
Geophones Corner 1&2 CPS Corner 1&2

HAM6, C1-31

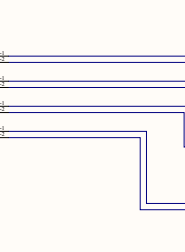
ISI Interface (Part 1)



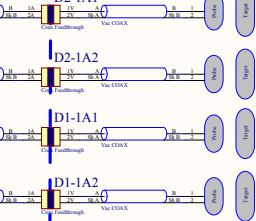
Rack Field



aLIGO Capacitive Position Sensor Field Interface

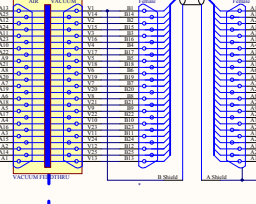


Air Vacuum

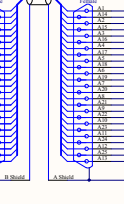


Horiz. Corner 1
Vert. Corner 1
Horiz. Corner 2
Vert. Corner 2

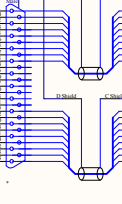
D2-3C1



D1000222

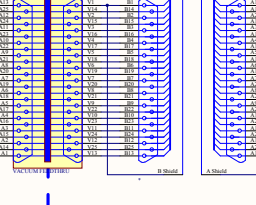


D1000227

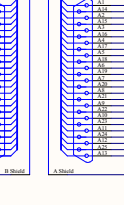


GS-13 Horiz (Geoph 4) Corner 2
GS-13 Vert (Geoph 3) Corner 2

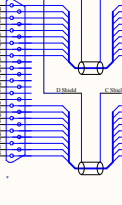
D1-3C1



D1000220



D1000227

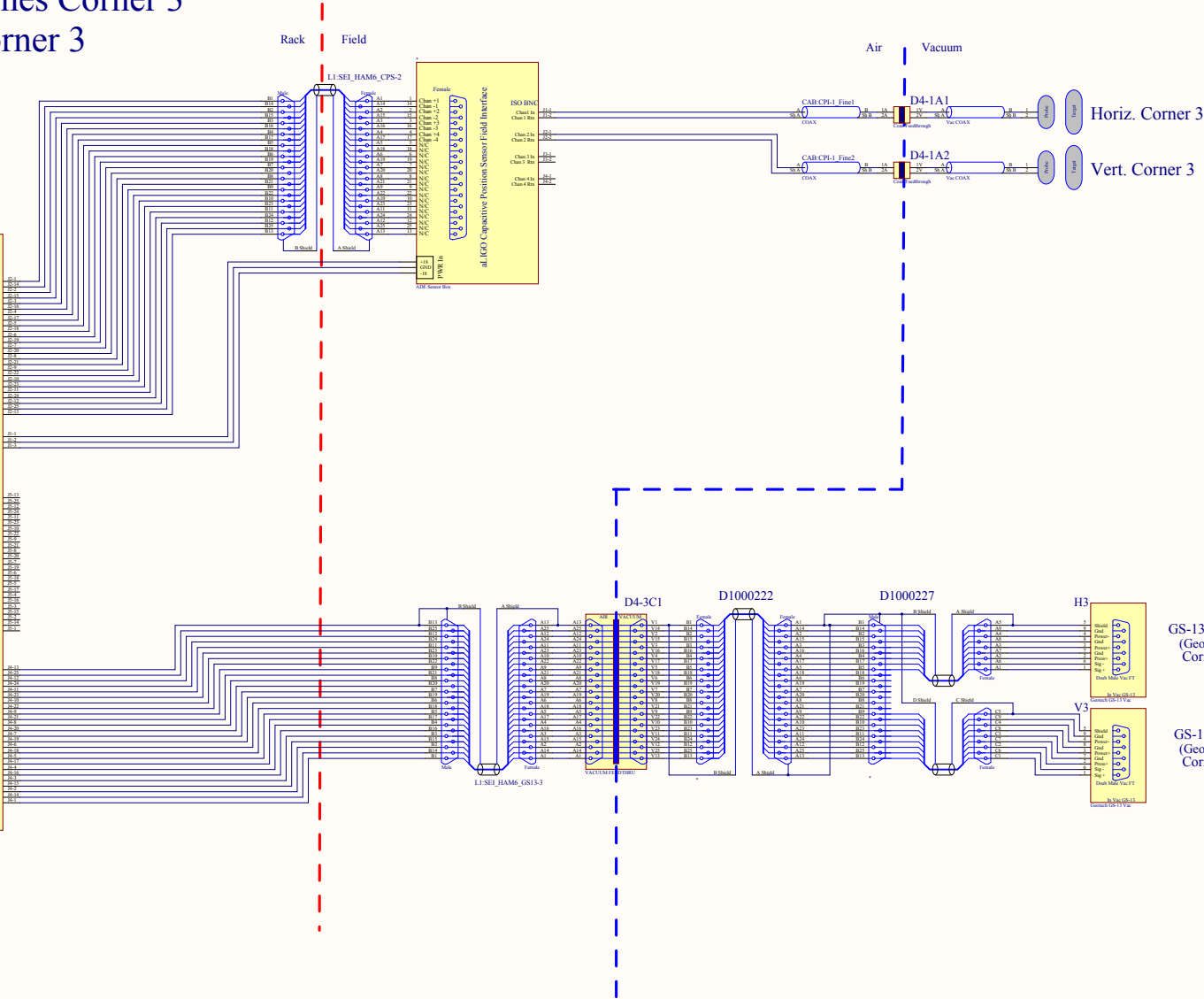
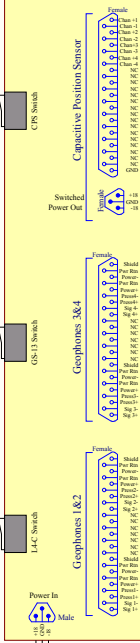


GS-13 Horiz (Geoph 2) Corner 1
GS-13 Vert (Geoph 1) Corner 1

Geophones Corner 3 CPS Corner 3

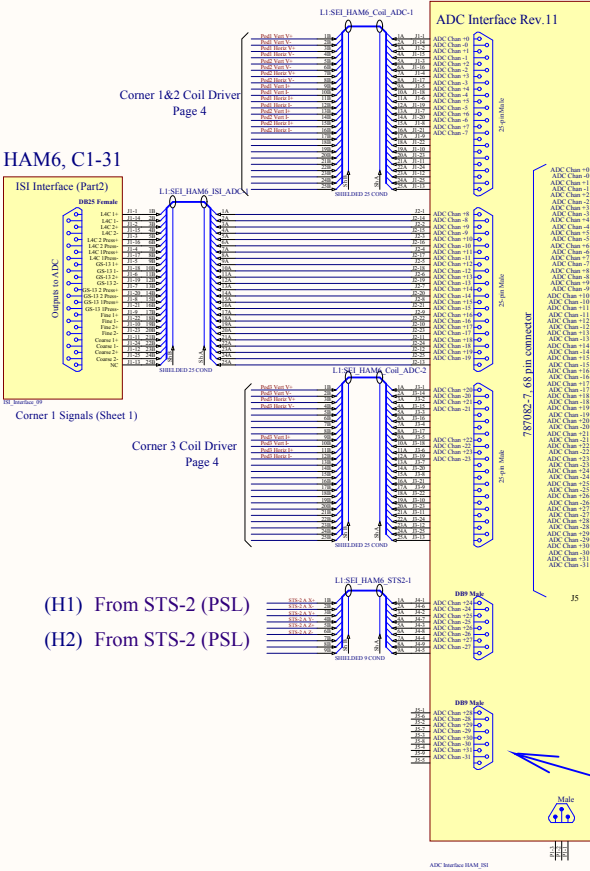
HAM6, C1-30

ISI Interface (Part 1)

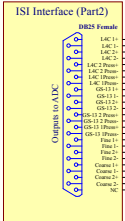


HAMs 1&6 ISI ADCs

HAM6, C1-28



HAM6, C1-31

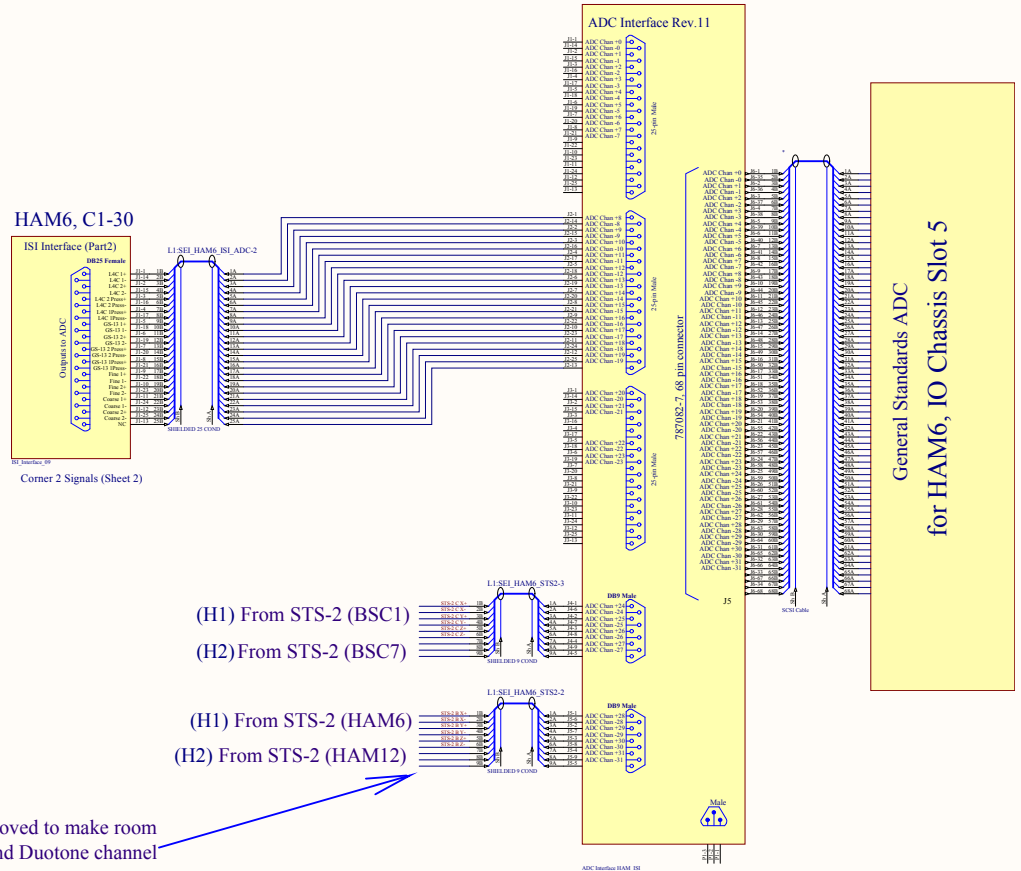


Corner 1 Signals (Sheet 1)

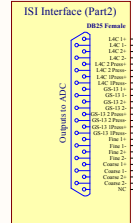
Corner 3 Coil Driver
Page 4

General Standards ADC
for HAM6, IO Chassis Slot 4

HAM6, C1-27



HAM6, C1-30

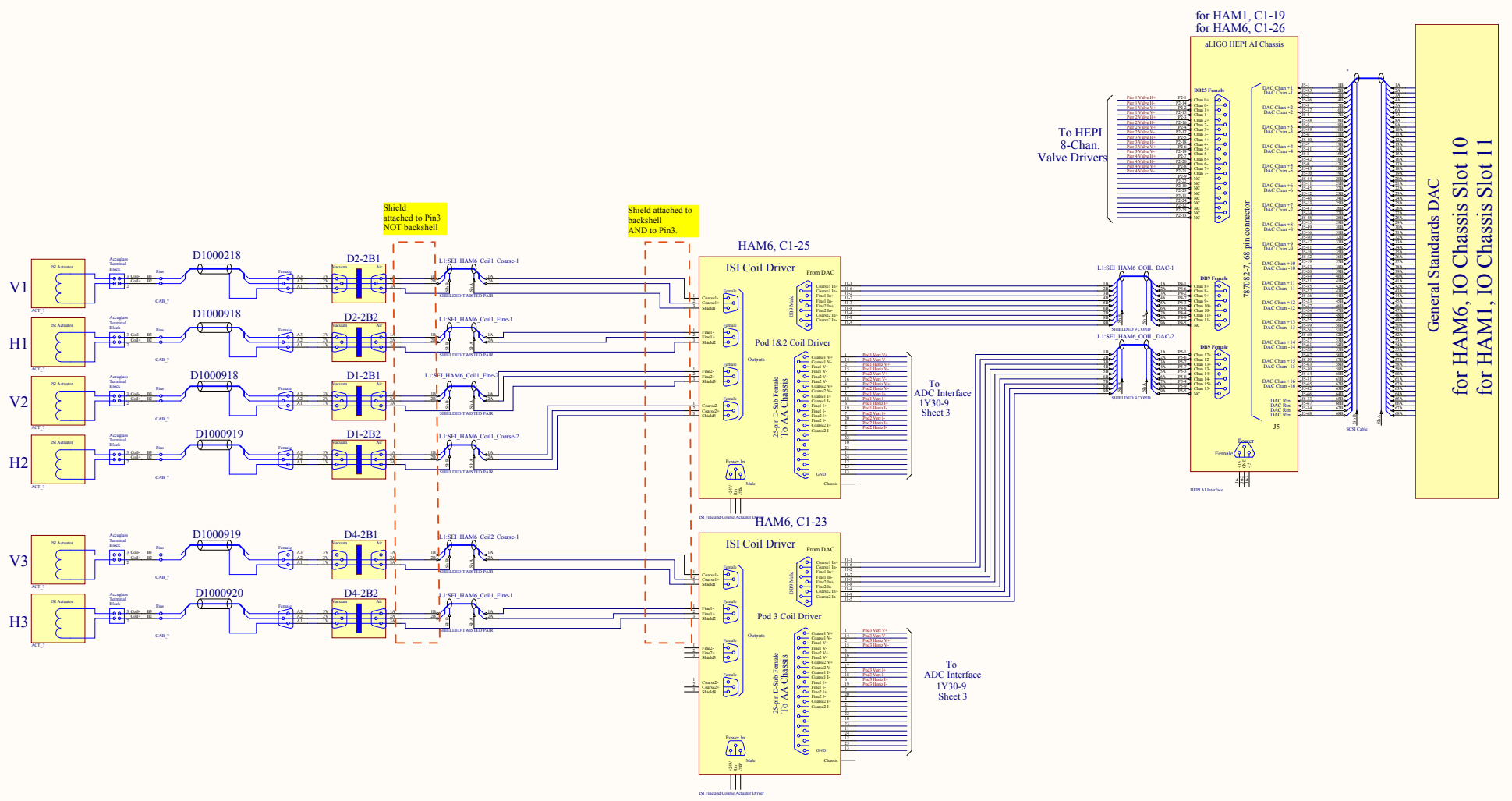


Corner 2 Signals (Sheet 2)

General Standards ADC
for HAM6, IO Chassis Slot 5

- (H1) From STS-2 (PSL)
- (H2) From STS-2 (PSL)
- (H1) From STS-2 (BSC1)
- (H2) From STS-2 (BSC7)
- (H1) From STS-2 (HAM6)
- (H2) From STS-2 (HAM12)

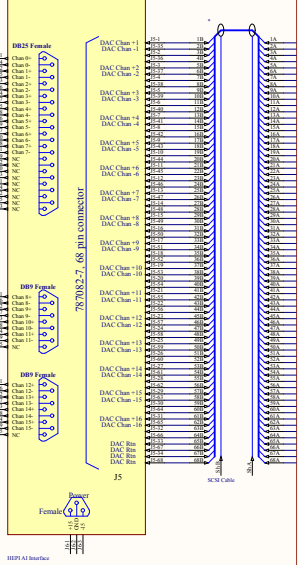
This was moved to make room
for the second Duotone channel



for HAM1, C1-19
for HAM6, C1-26

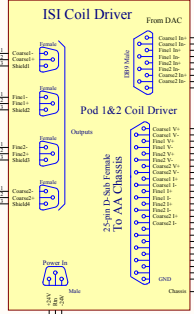
To HEPI
8-Chan.
Valve Drivers

aLIGO HEPI AI Chassis

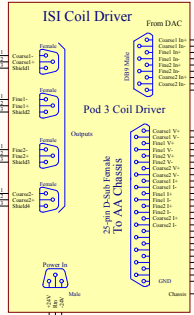


General Standards DAC
for HAM6, IO Chassis Slot 10
for HAM1, IO Chassis Slot 11

HAM6, C1-25



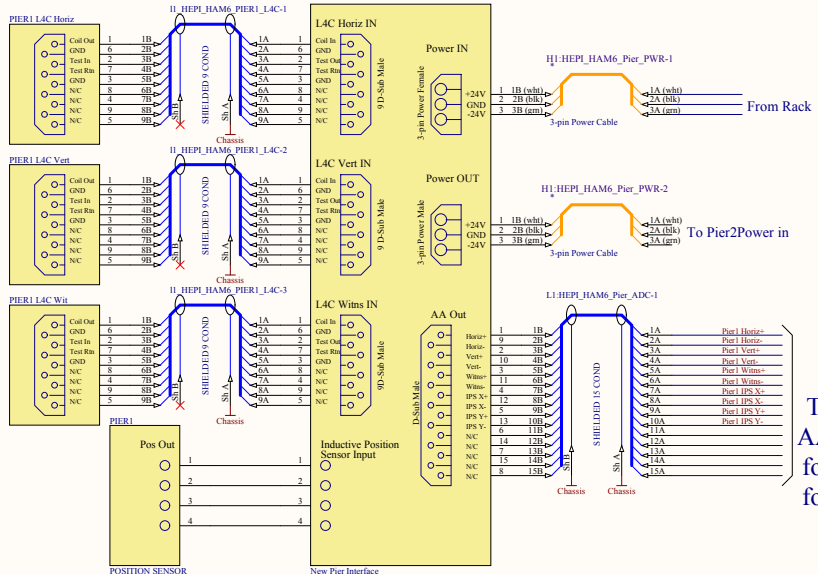
HAM6, C1-23



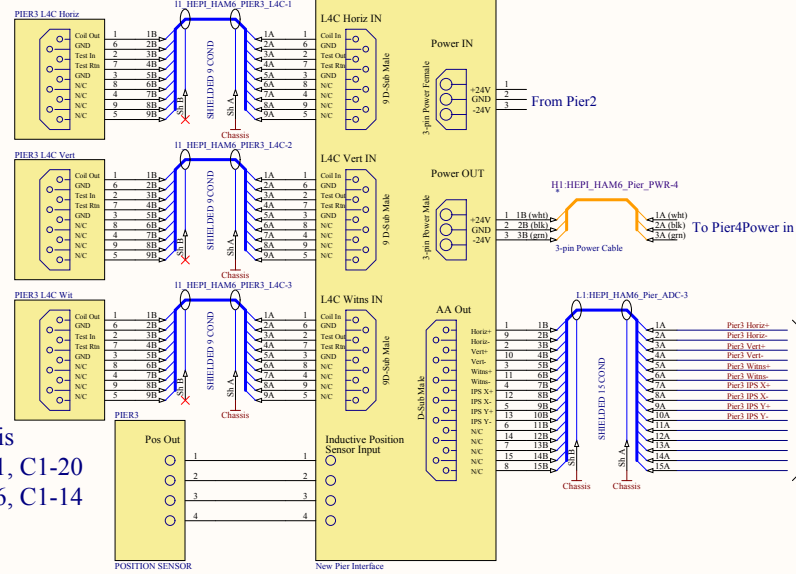
To ADC Interface
1Y30-9
Sheet 3

To ADC Interface
1Y30-9
Sheet 3

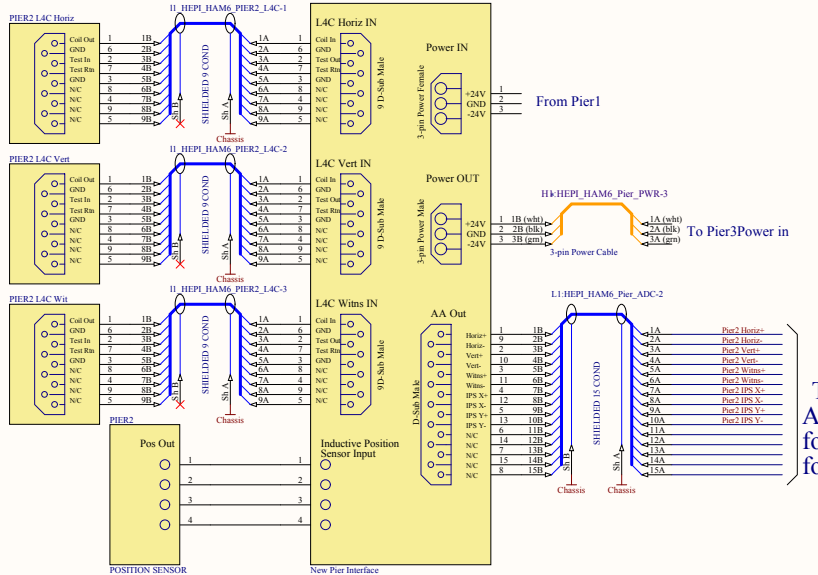
Pier 1 InterfaceA



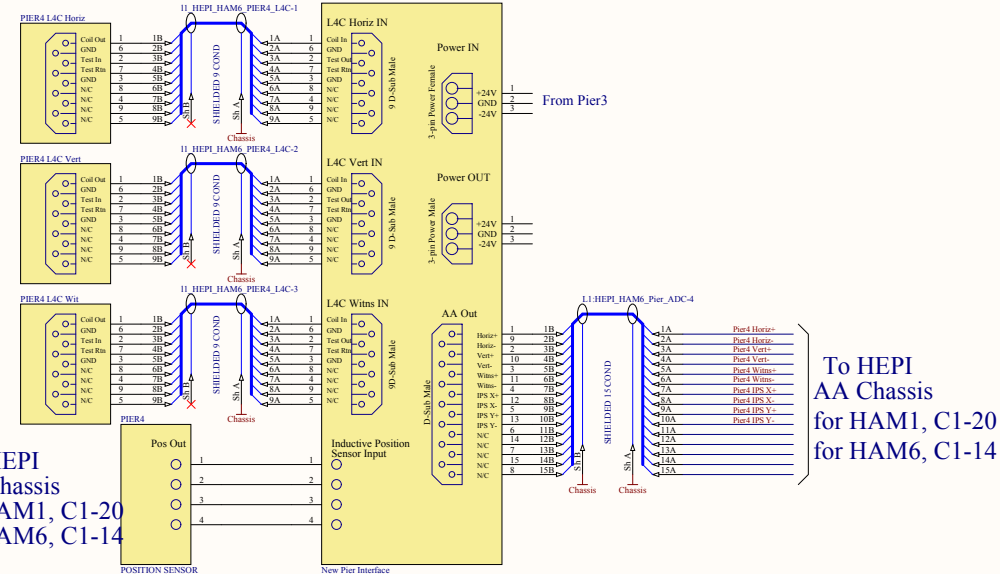
Pier 3 InterfaceA



Pier 2 interfaceA

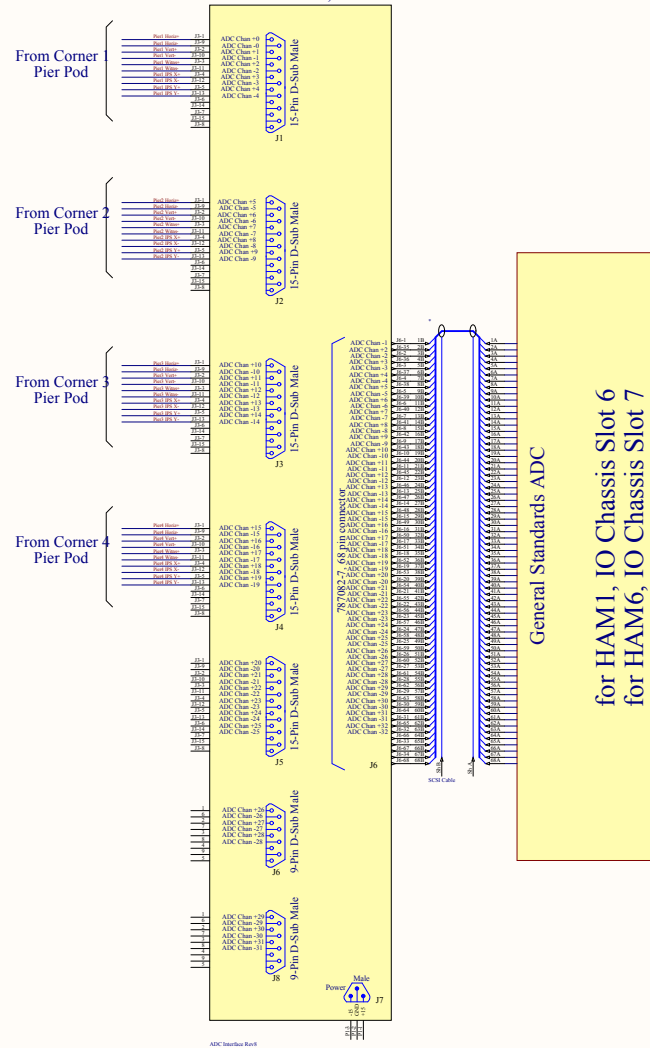


Pier 4 InterfaceA



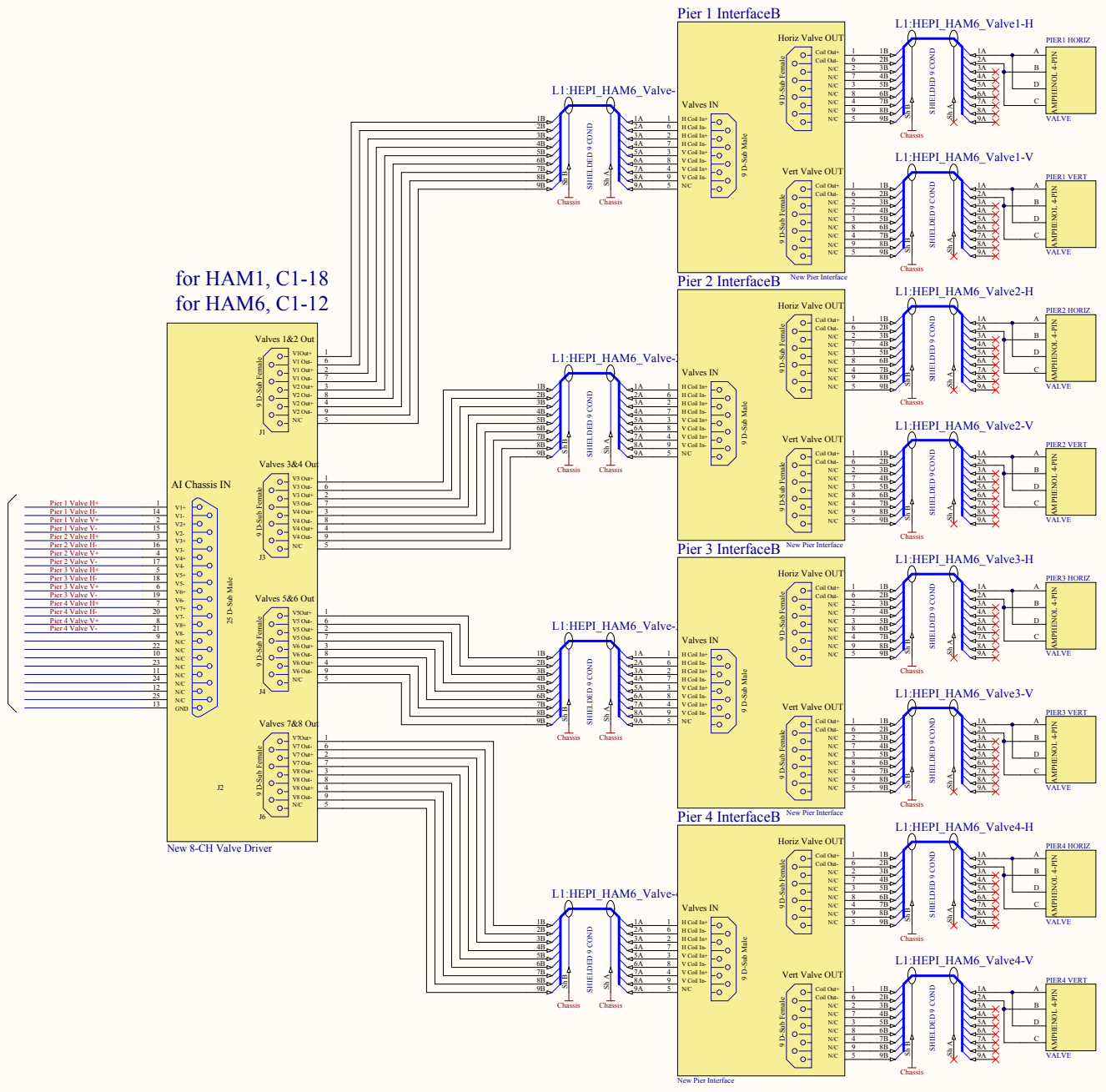
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Drawn by: Ben Abbott	Date: 10/30/2012	Revision: v5	
File: C:\csrc\Ben\Sim\ISI\Single\Shas\ISI\Ham1_6_system_sch\HEPI_P03\CS-P03_Sheet 6. of 9			

for HAM1, C1-20
for HAM6, C1-14



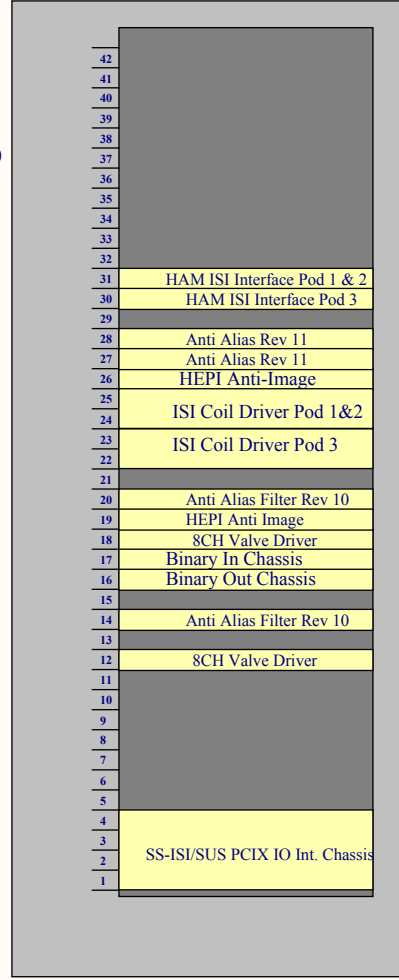
for HAM1, C1-18
for HAM6, C1-12

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



Title	aLIGO HAMS 1&6 ISI System Schematics		
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Drawn by:	Ben Abbott	Date: 10/30/2012	Revision: v5
File: C:\control\Ben\Science\ISI\Single\Shas\ISI\Ham1_6_system_schematics\20130817\Sheet 8_of 9			

HAMs 1&6 L1-SEI-C1



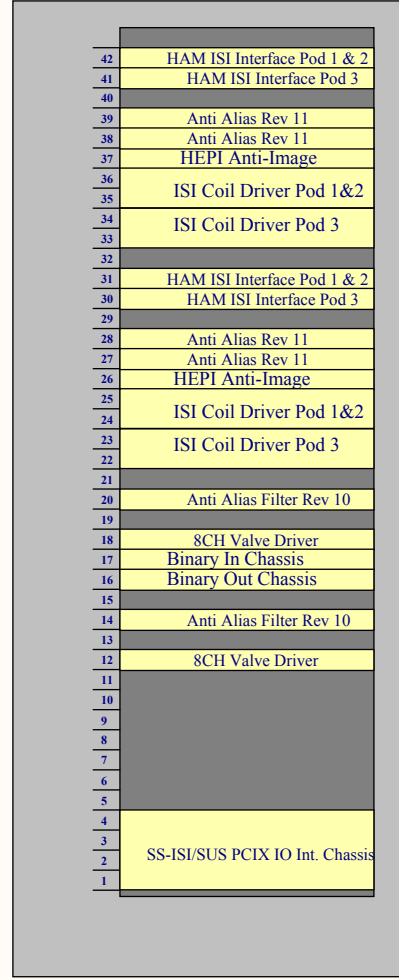
HAM AA Chassis = 10
 HEPI AA Chassis = 6
 HEPI AI Chassis = 6
 Filter Boards = 76
 Binary In Chassis = 4
 Binary Out Chassis = 3

ISI 6

HEPI 1

HEPI 6

HAMs 2&3 L1-SEI-C2



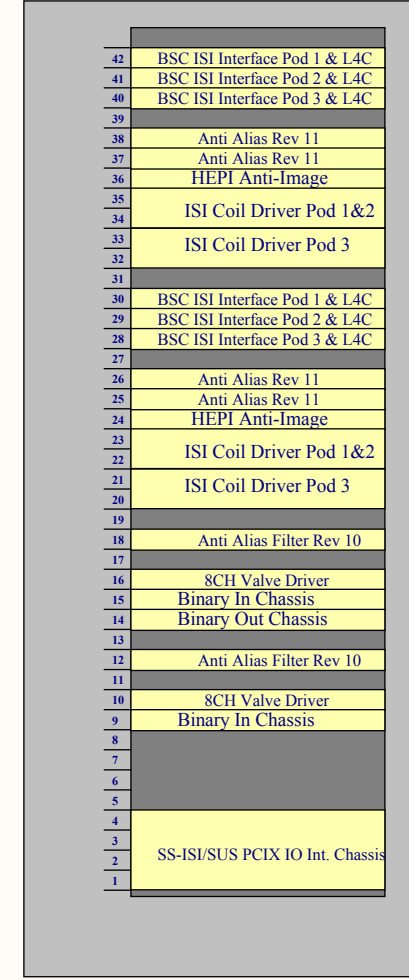
ISI 2

ISI 3

HEPI 2

HEPI 3

HAMs 4&5 L1-SEI-C3



ISI 4

ISI 5

HEPI 4

HEPI 5

Title aLIGO HAMs 1&6 ISI System Wiring			
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