PSL enclosure

X laser temp
Y laser temp
X Prometheus pzt
Y Prometheus pzt
818-BB-21A
X beatnote, SMA
24 V supply, 2.5 mm power jack
818-BB-21A
Y beatnote, SMA
Y beatnote DC, BNC
SM1PDA1A
X green mon, BNC
SM1PDA1A
X IR mon, BNC
SM1PDA1A
Y green mon, BNC
SM1PDA1A
Y IR mon, BNC
to FSS AOM
G&H 1075 FM-1
X AOM VCO, SMC
+28 V, 500 mA each
G&H 1075 FM-1
Y AOM VCO, SMC

IMC optical table

RFPD
WFS A
WFS B

REFL in-vac

RFPD
HIGH
LOW
WFS A
WFS B

REFL in-air table

RFPD
HIGH
LOW
BBPD
HIGH
LOW
WFS A
WFS B

PR2 optical table

ALS X PDH
LSC POP

SR2 optical table

ALS Y PDH

Field rack (IOO)

AI
a1 a2 offset in fast slow lim.
CMB (ALSX-PLL)
IN1 IN2 SLOW FAST
a5
PFD
RF in I RF in I
a3 a4 offset in fast slow lim.
CMB (ALSY-PLL)
IN1 IN2 SLOW FAST
diff to single-ended
a6
Unamp. PD interface
LIGO-DCC-E1300310 or eqivalent
a7
Unamp. PD interface
LIGO-DCC-E1300310 or eqivalent
AA
a1 a2 a3 a4 a5 a6 a7 a8
DC power supply
AI
offset in fast slow lim.
CMB (IMC lock)
IN1 IN2 SLOW FAST
Dual I&Q LIGO-E1100044-v2
RFin I RFin I
ASC Quad I&Q D1706919-v0
RFPD interface D1503818-v1
WFS QPD interface D1503814-v2
ASC Quad I&Q D1706919-v0

Field rack (ISC)

offset in fast slow lim.
CMB (IFO REFL)
IN1 IN2 SLOW FAST
Dual I&Q LIGO-E1100044-v2
RFin I RFin I
AI
b1 b2
BI BO
univ. whitening D1302082-v2
Quad I&Q D1402412-v1
b3 b4
BI BO
univ. whitening D1302082-v2
offset in fast slow lim.
summing board
IN1 IN2 SLOW FAST
diff to single-ended
Dual I&Q LIGO-E1100044-v2
RFin I RFin I
offset in fast slow lim.
CMB (ALSX-PDH)
IN1 IN2 SLOW FAST
AI
RFPD interface D1503818-v1
offset in fast slow lim.
CMB (ALSY-PDH)
IN1 IN2 SLOW FAST
AA
b1 b2 b3 b4 b5 b6 b7 b8

offset in fast slow lim.
IN1 IN2 SLOW FAST