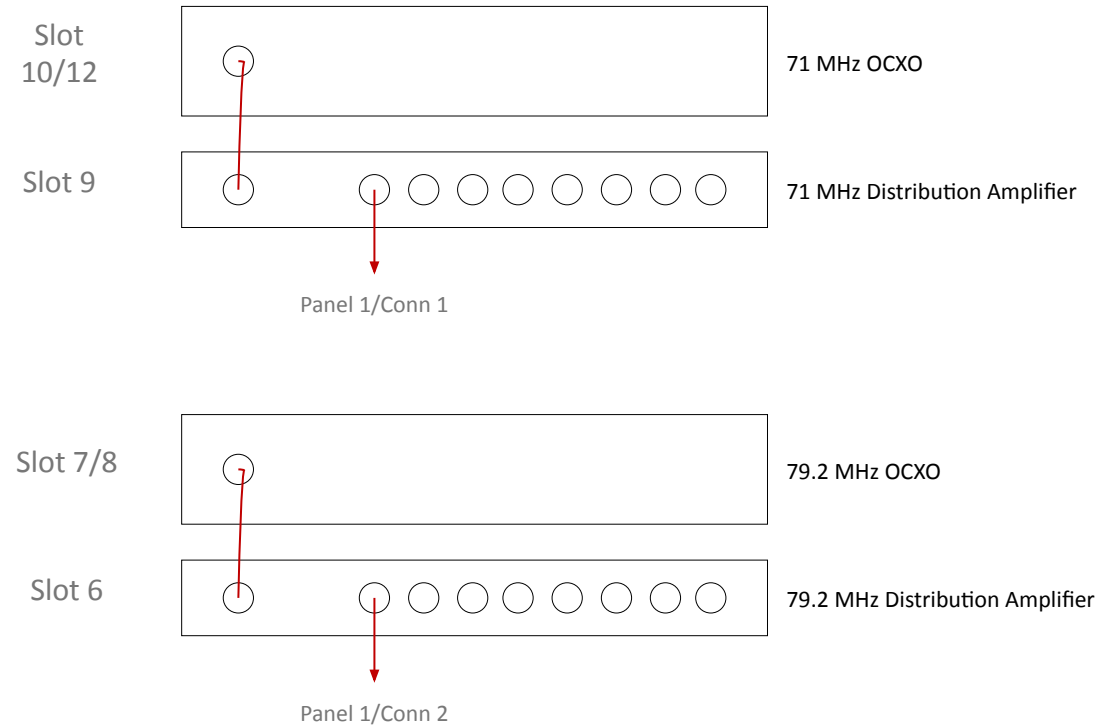


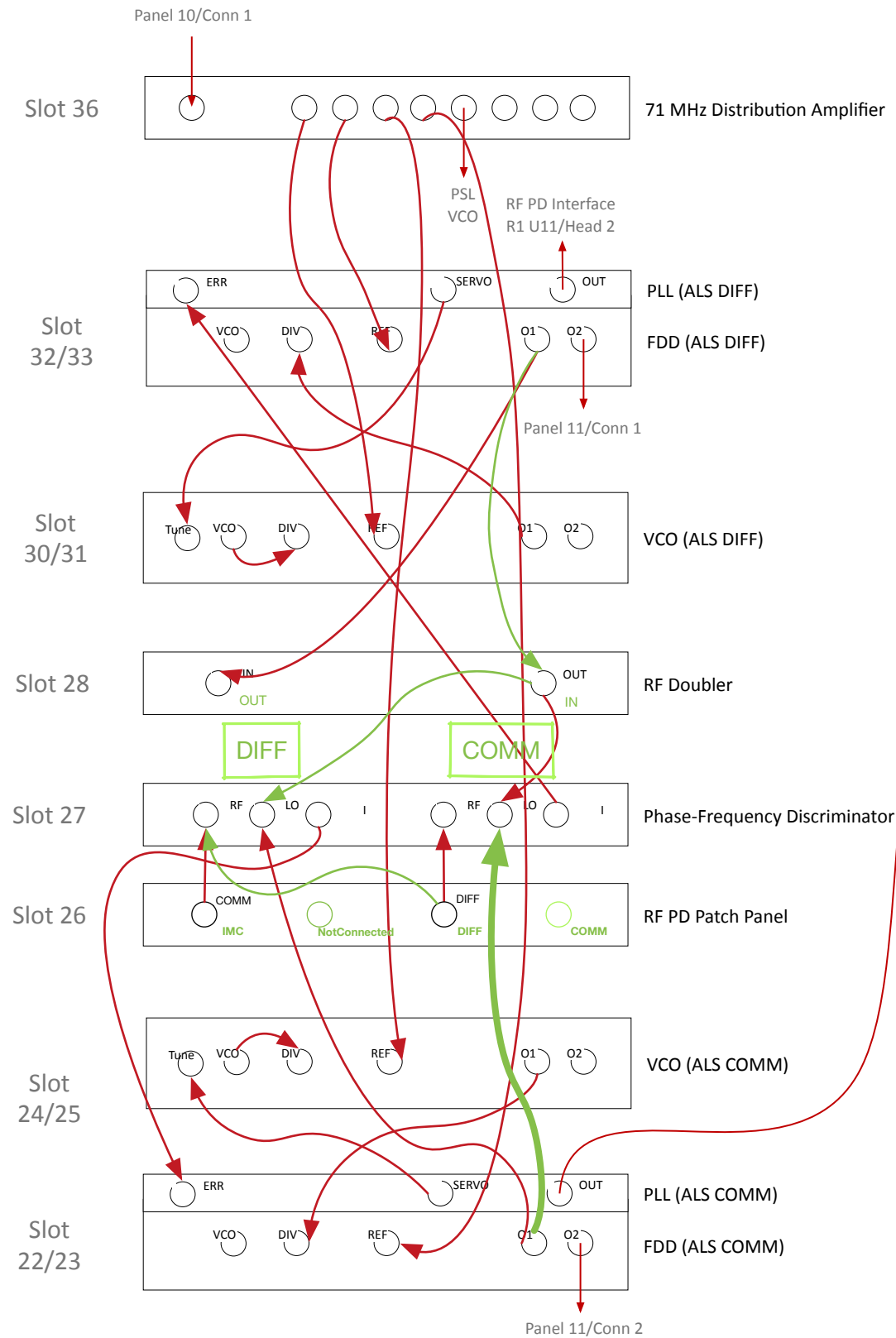
Rack C4



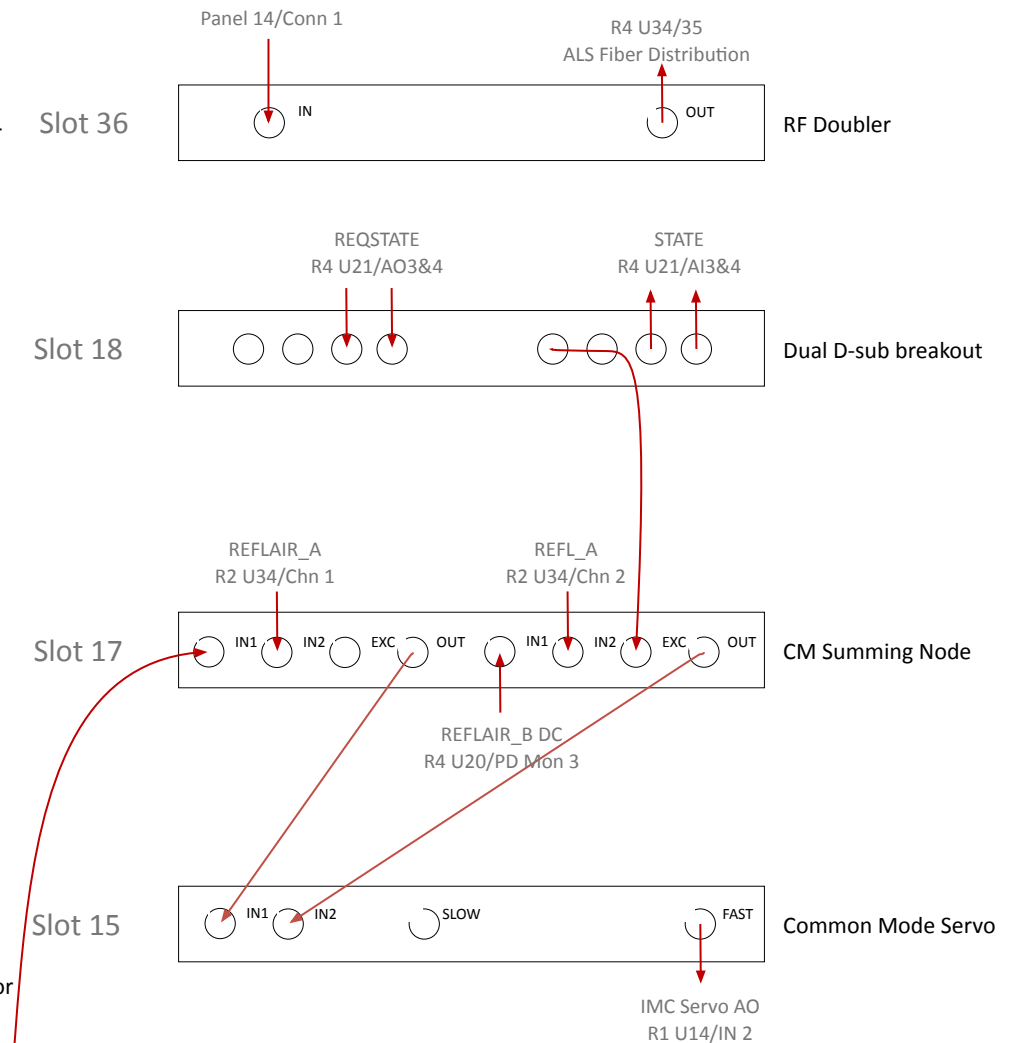
Additional Controls:

- DB37: C3/14 to C2/22 slot 9
RF Amp Concentrator 3 / EtherCAT corner 6
- DB25: C4/6 to C3/14 connector 1
79.2MHz Distr. Amp / RF Amp Concentrator 3
- DB25: R1/36 to C3/14 connector 2
71MHz Distr. Amp / RF Amp Concentrator 3
- DB25: R1/23 PLL to C2/22 slot 5
ALS COMM PLL / EtherCAT corner 6
- DB25: R1/22 VCO/FDD to C2/22 slot 6
ALS COMM FDD / EtherCAT corner 6
- DB25: R1/33 PLL to C2/22 slot 7
ALS DIFF PLL / EtherCAT corner 6
- DB25: R1/32 VCO/FDD to C2/22 slot 8
ALS DIFF FDD / EtherCAT corner 6
- DB9: Y-cable R1/23 & R/33 to C1/2 ADC2/DB9_4
ALS COMM & DIFF PLL / DAQ
- DB9: R4/17 to C1/2 ADC2/DB9_2
CM Summing Node / DAQ
- DB9: R4/18 left to C1/2 ADC2/DB9_3
D-sub Breakout / DAQ
- DB9: R4/18 right to C1/2 DAC0/DB9_3
D-sub Breakout / DAQ
- DB9: R4/20 to ISCT1
Generic PD Interface to EtherCAT concentrator
Use cable ISC_259: concentrator / DAQ
- DB9: R5/15 to ISCT6
Generic PD Interface to EtherCAT concentrator
Use cable ISC_242: concentrator / DAQ

Rack R1



Rack R4



Changes:

- Move RF Doubler from R1/U18 to R4/U36
- Route RF cable through patch panel 4/1 (C4-U33) and 14/1 (R2-U39) with a balun on the R2 side. Previous panels were 1/2 (C4-U39) and 10/2 (R1-39).
- Move DB25 cable in the rear with the RF Doubler.

ALS Corner Wiring Version 2

Addendum to LIGO-D1200666-v11