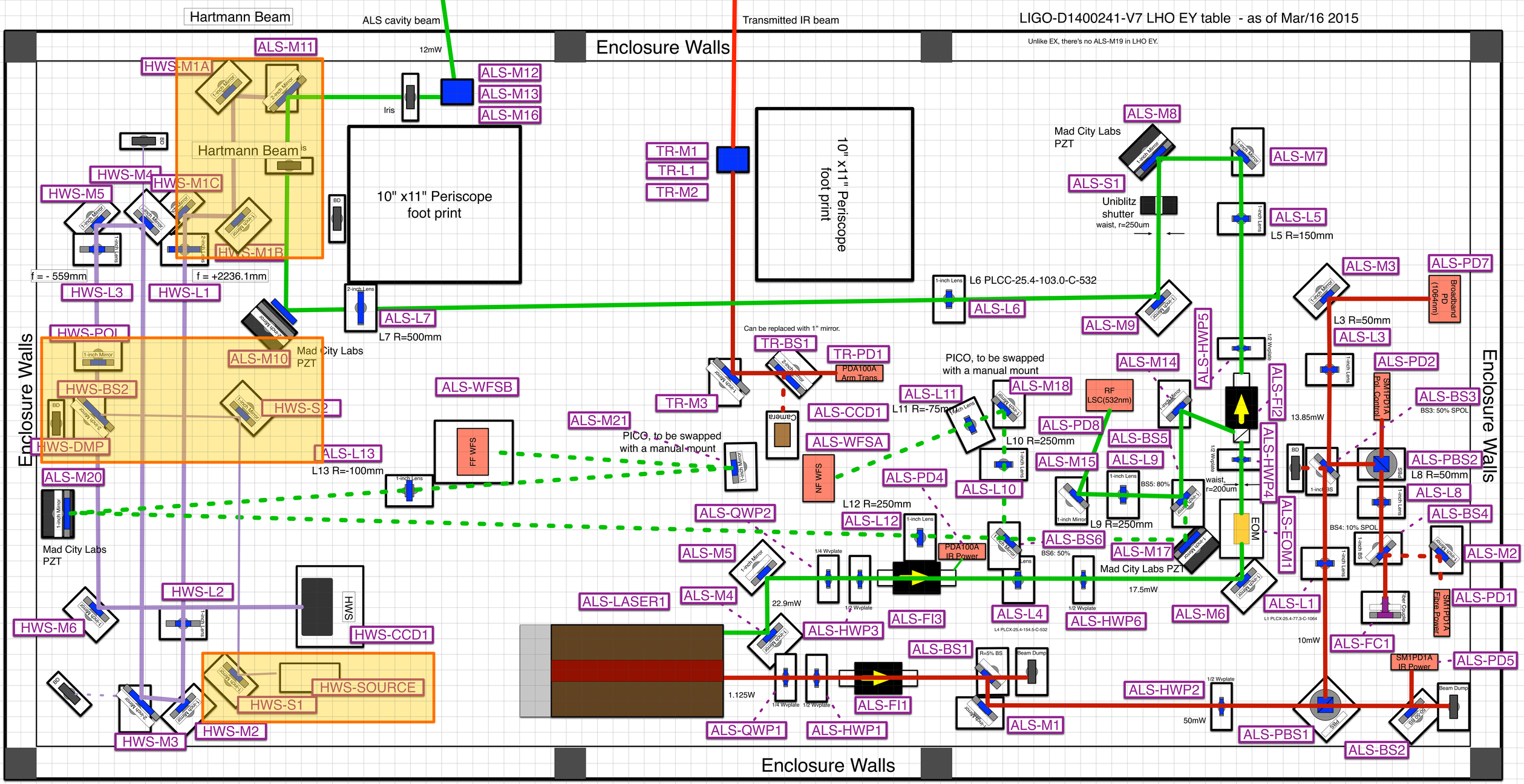
LIGO-D1400241-V7 LHO EY table - as of Mar/16 2015
Unlike EX, there's no ALS-M19 in LHO EY.
Hartmann Beam
ALS cavity beam
12mW
Transmitted IR beam
Enclosure Walls
ALS-M11
HWS-M1A
ALS-M12
ALS-M13
ALS-M16
Iris
Hartmann Beam
10" x11" Periscope foot print
TR-M1
TR-L1
TR-M2
10" x11" Periscope foot print
HWS-M4
HWS-M1C
HWS-M5
HWS-M1B
f = - 559mm
f = +2236.1mm
HWS-L3
HWS-L1
ALS-L7
L7 R=500mm
ALS-M10
Mad City Labs PZT
HWS-POL
HWS-BS2
HWS-S2
HWS-DMP
ALS-WFSB
ALS-L13
L13 R=-100mm
ALS-M20
Mad City Labs PZT
HWS-L2
HWS-M6
HWS
HWS-CCD1
HWS-SOURCE
HWS-S1
HWS-M3
HWS-M2
Can be replaced with 1" mirror.
TR-BS1
TR-PD1
PDA100A Arm Trans
TR-M3
ALS-M21
PICO, to be swapped with a manual mount
ALS-CCD1
Camera
ALS-WFSA
FF WFS
NF WFS
ALS-PD4
ALS-QWP2
ALS-L12
L12 R=250mm
ALS-M5
ALS-M4
22.9mW
ALS-LASER1
1.125W
ALS-HWP3
ALS-FI3
ALS-FI1
ALS-QWP1
ALS-HWP1
ALS-BS1
R=5% BS
Beam Dump
ALS-M1
PDA100A IR Power
ALS-L11
L11 R=-75mm
ALS-M18
L10 R=250mm
ALS-L10
ALS-L4
L4 PLCX-25.4-154.5-C-532
ALS-HWP6
ALS-BS6
BS6: 50%
ALS-M8
Mad City Labs PZT
ALS-S1
Uniblitz shutter
waist, r=250um
ALS-M7
ALS-L5
L5 R=150mm
L6 PLCC-25.4-103.0-C-532
ALS-L6
ALS-M9
ALS-HWP5
ALS-M14
RF LSC(532nm)
ALS-PD8
ALS-M15
ALS-BS5
ALS-L9
BS5: 80%
L9 R=250mm
ALS-M17
Mad City Labs PZT
17.5mW
ALS-M6
ALS-FI2
ALS-HWP4
waist, r=200um
EOM
ALS-EOM1
ALS-L1
L1 PLCX-25.4-77.3-C-1064
ALS-HWP2
50mm
ALS-PBS1
ALS-M3
ALS-PD7
Broadband PD (1064nm)
L3 R=50mm
ALS-L3
ALS-PD2
SM1PD1A Pol. Control
ALS-BS3
BS3: 50% SPOL
13.85mW
ALS-PBS2
L8 R=50mm
ALS-L8
ALS-BS4
BS4: 10% SPOL
ALS-M2
ALS-PD1
SM1PD1A Fibre Power
ALS-FC1
10mW
SM1PD1A IR Power
ALS-PD5
ALS-BS2
Enclosure Walls
Enclosure Walls
Enclosure Walls