# Preinjectors Status

D. Raparia

February 23, 2016
Time  Meeting

# Tandem

- $Ru^{+12}$ (96) is about 0.75 puA at beginning of TTB line
- By end of next week will be ready to inject in Booster

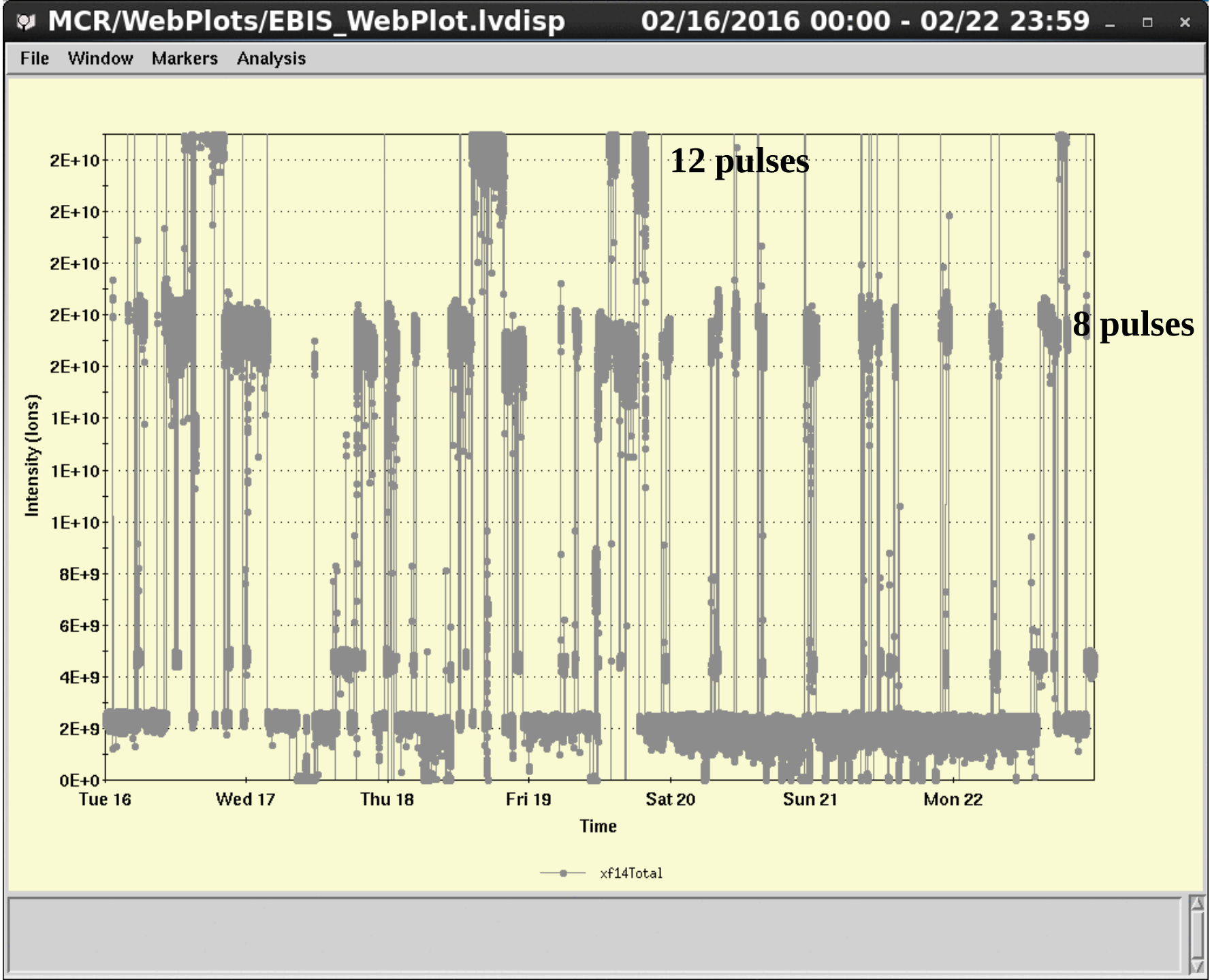


D. Raparia

# EBIS Status

- EBIS running very stably Au with 8, or 12 pulses

- Laser 3 was repaired & rotary target is in use now


MCR/WebPlots/EBIS_WebPlot.lvdisp
02/16/2016 00:00 - 02/22 23:59
File
Window
Markers
Analysis
12 pulses
8 pulses
Intensity (Ions)
2E+10
2E+10
2E+10
2E+10
2E+10
1E+10
1E+10
1E+10
8E+9
6E+9
4E+9
2E+9
0E+0
Tue 16
Wed 17
Thu 18
Fri 19
Sat 20
Sun 21
Mon 22
Time
xf14Total

# Linac Status

- Linac running in good condition for BLIP at 117 MeV (5.67 Hz) and for polarized H- at 200 MeV (1 Hz)
- Available available current to BLIP 165 uA minus 8-15 % (pulses used for polarized H- )
- BLIP request not to exceed 140 uA

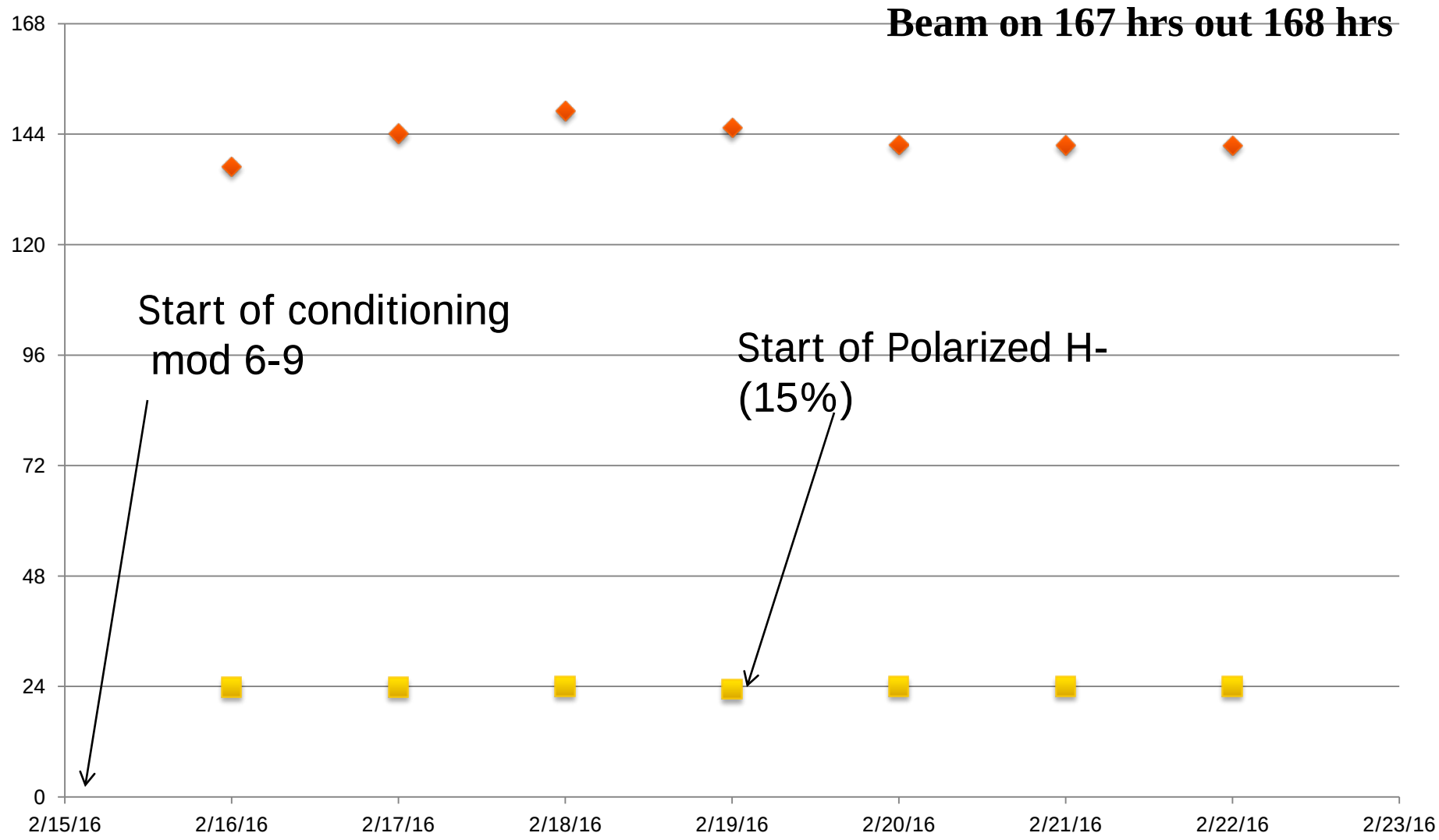
- 02/23/2016 Maintenance Day (4HRS)

- LLRF mod 4
- Tube 8616 mod 1
- Vacuum leak check in HEBT
- PQ84 and PQ86 PS work



D. Raparia

# Average Current for BLIP & Beam on HRS/day






D. Raparia

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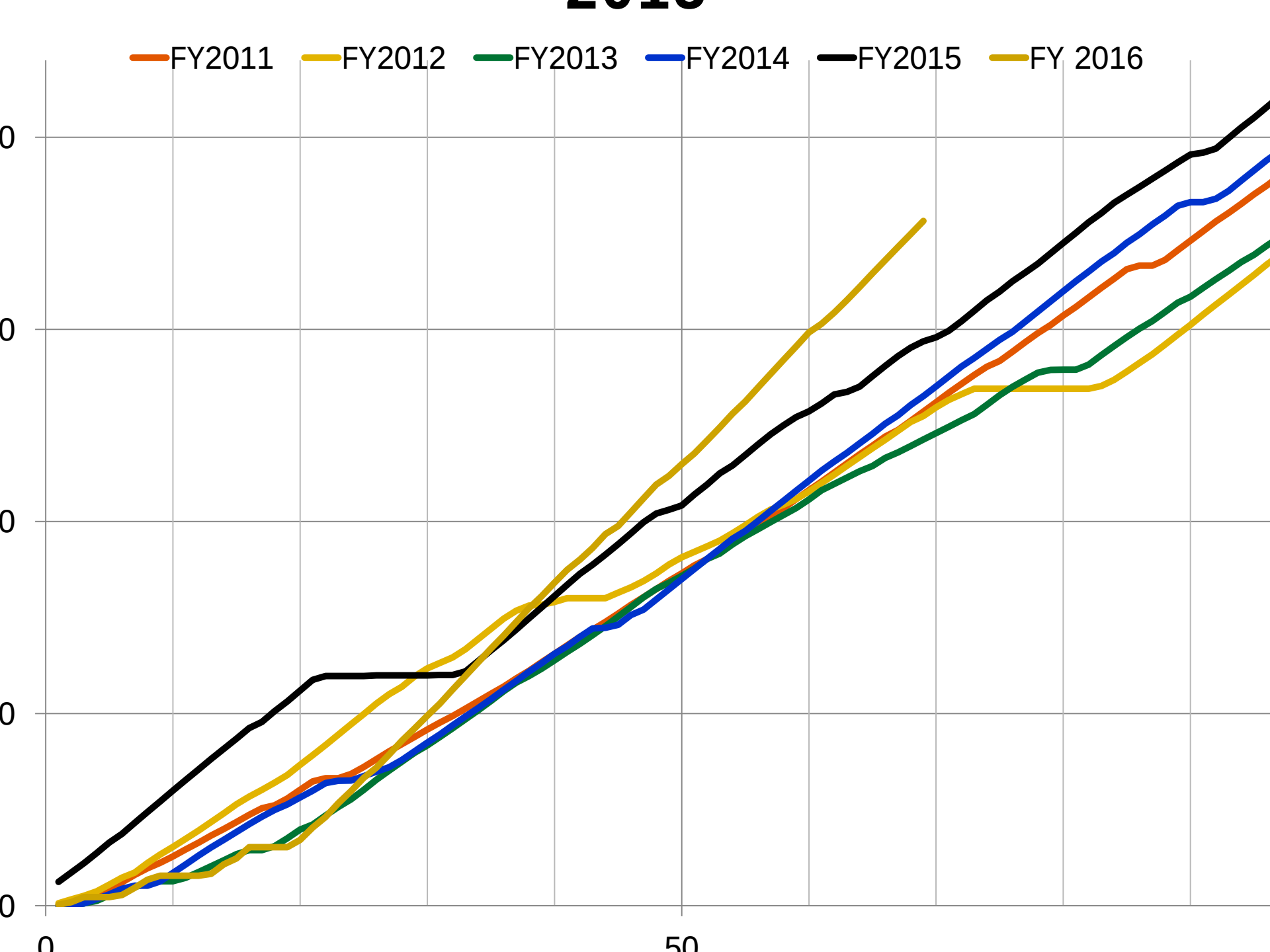
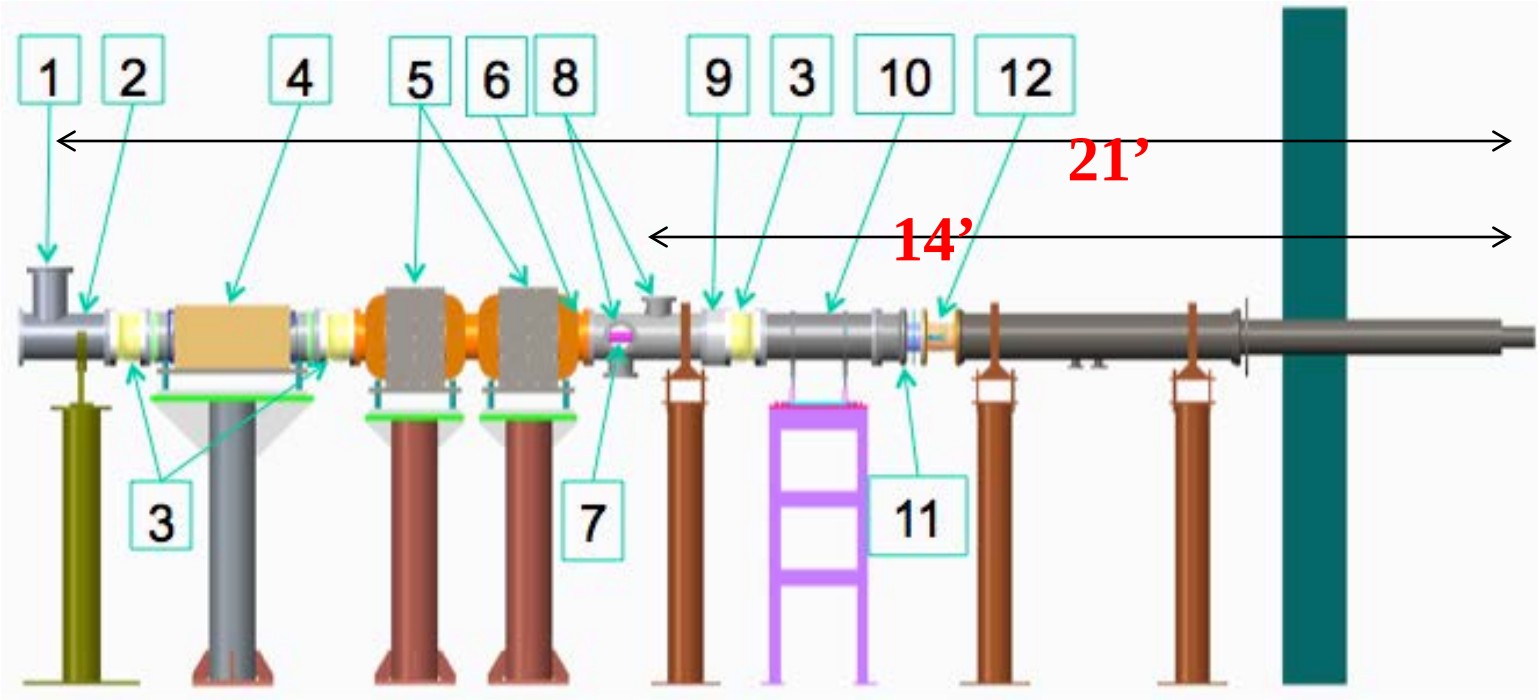

FY2011
FY2012
FY2013
FY2014
FY2015
FY 2016
0
50

# Beamline Location




1. plunging harp
2. 6.50” collimator
3. bellows (3x)
4. raster magnet
5. steering magnets (existing, 2x)
6. 4.00” collimator
7. plunging harp (opposite side)
8. laser profile monitor
9. beam current transformers (2x)
10. beam position monitor
11. beryllium window (existing)
12. aluminum bellows (existing)



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