# Preinjectors Status

D. Raparia

March 22, 2016
Time  Meeting

# Tandem Status

- Booster finish $D^+$ from Tandem for now
- This week Ru to booster



D. Raparia

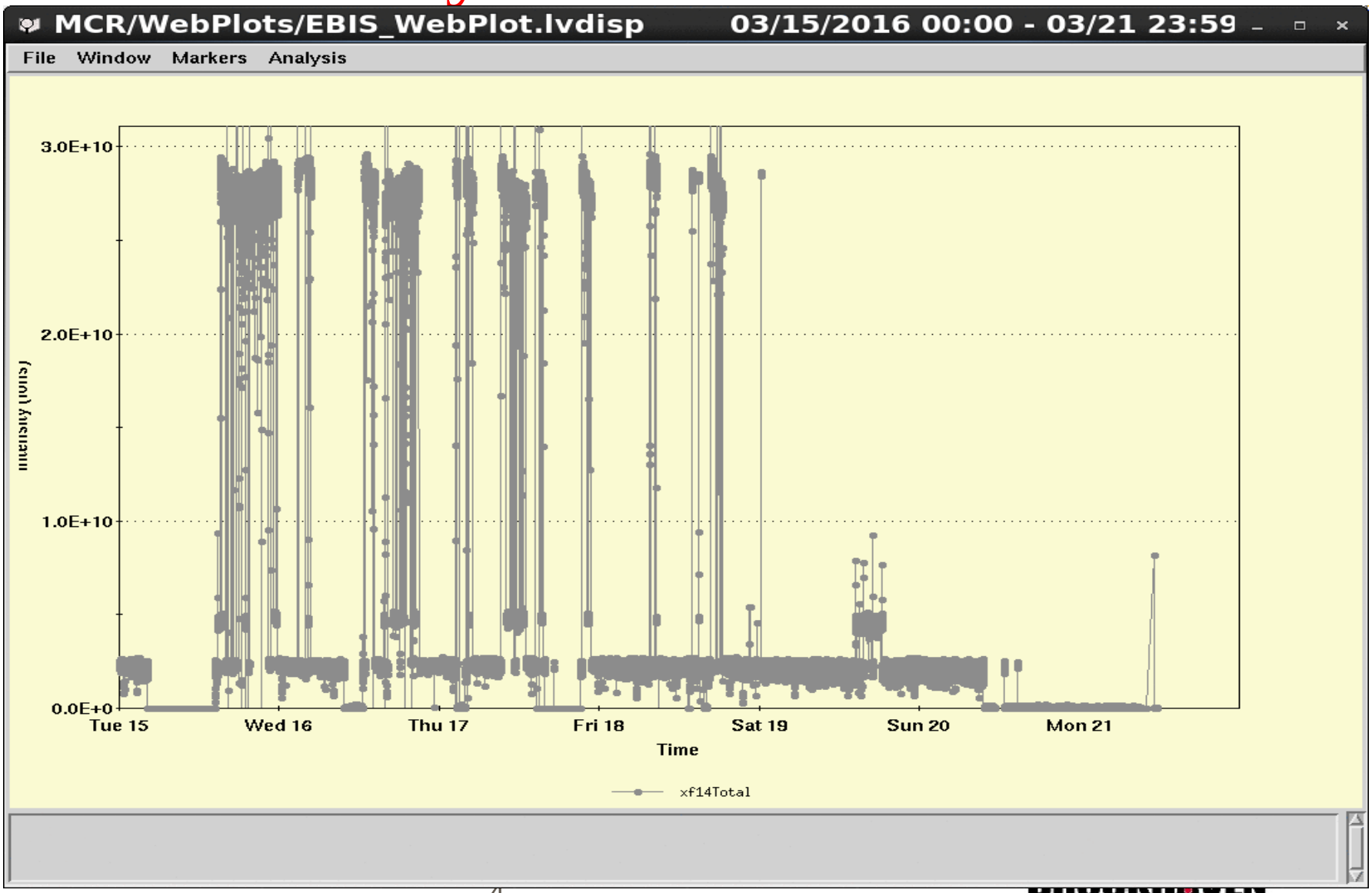
# EBIS Status

- EBIS running **smoothly** Au with 12 pulses
- NSRL running with Iron
- Helium beam was tested in the EBIS on Sunday



**D. Raparia**

# EBIS intensity after Linac






D. Raparia

# Linac Status

- Linac running for very stably BLIP at 117 MeV BLIP
- BLIP running at 155 uA as requested
- Proton for NSRL at 117 MeV from high intensity source

- 3/16: GaAs target (~3 HRS)
- 3/17: Linac timing system problem (1 HRS)
- 03/21: Beam profile tuning (FWHM 13 mm to 10 mm) (4 hrs)

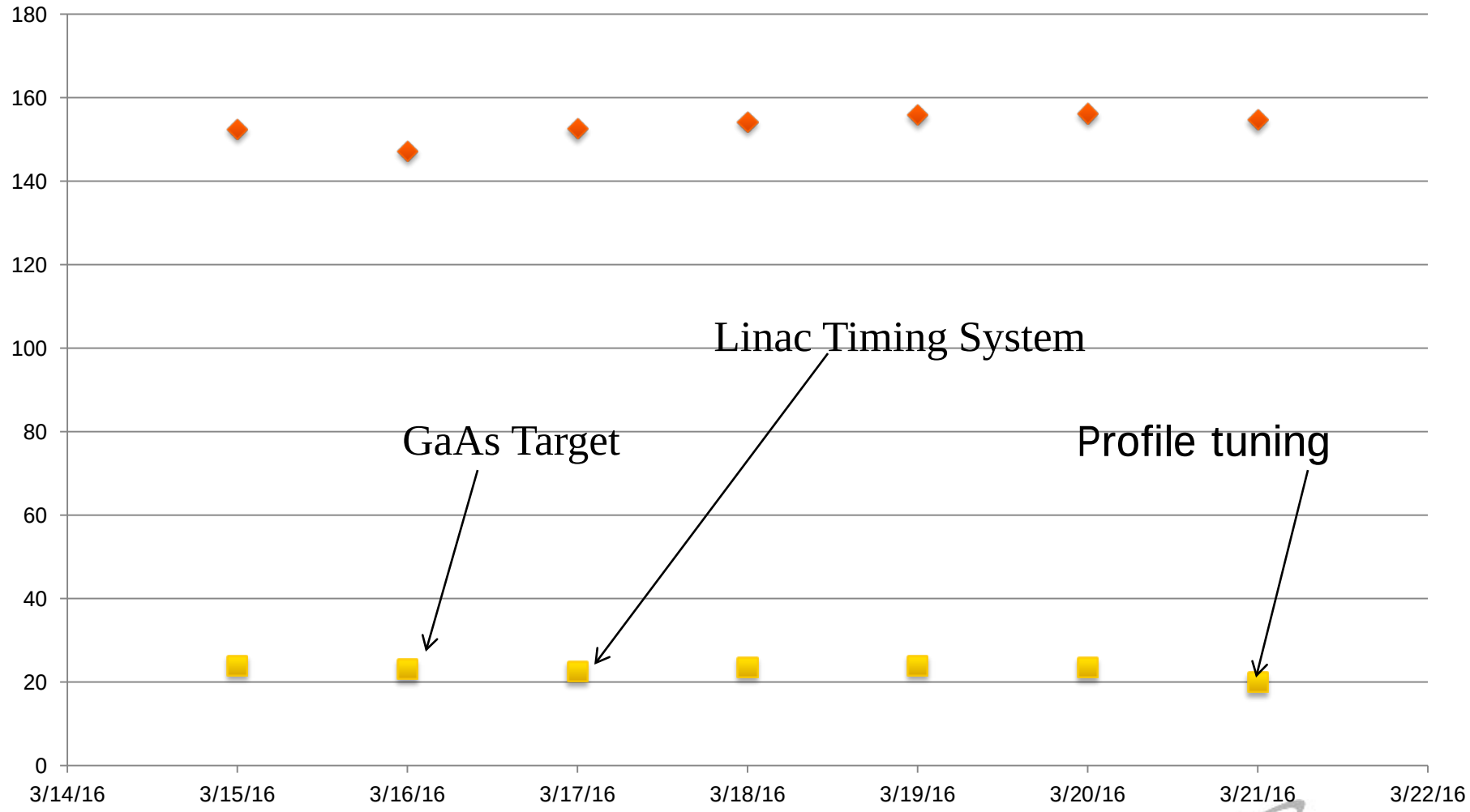
- 03/23: Maintenance (3-4 HRS)



D. Raparia

# Average Current for BLIP & Beam on HRS/day

**Beam on 161.3 HRS out 168 HRS**



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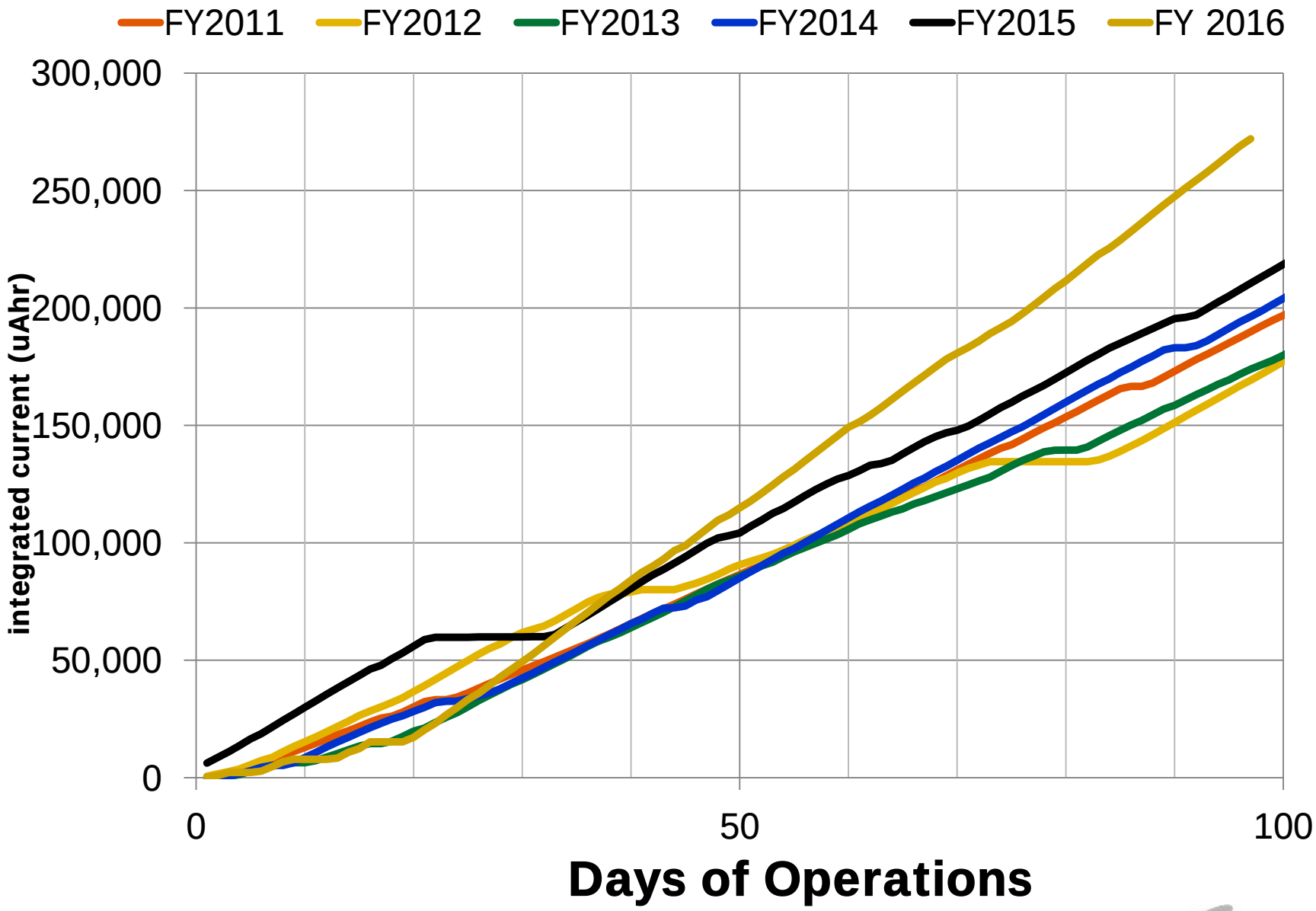
# Comparison of Integrated Current for 2011-2015

J. Nelepa



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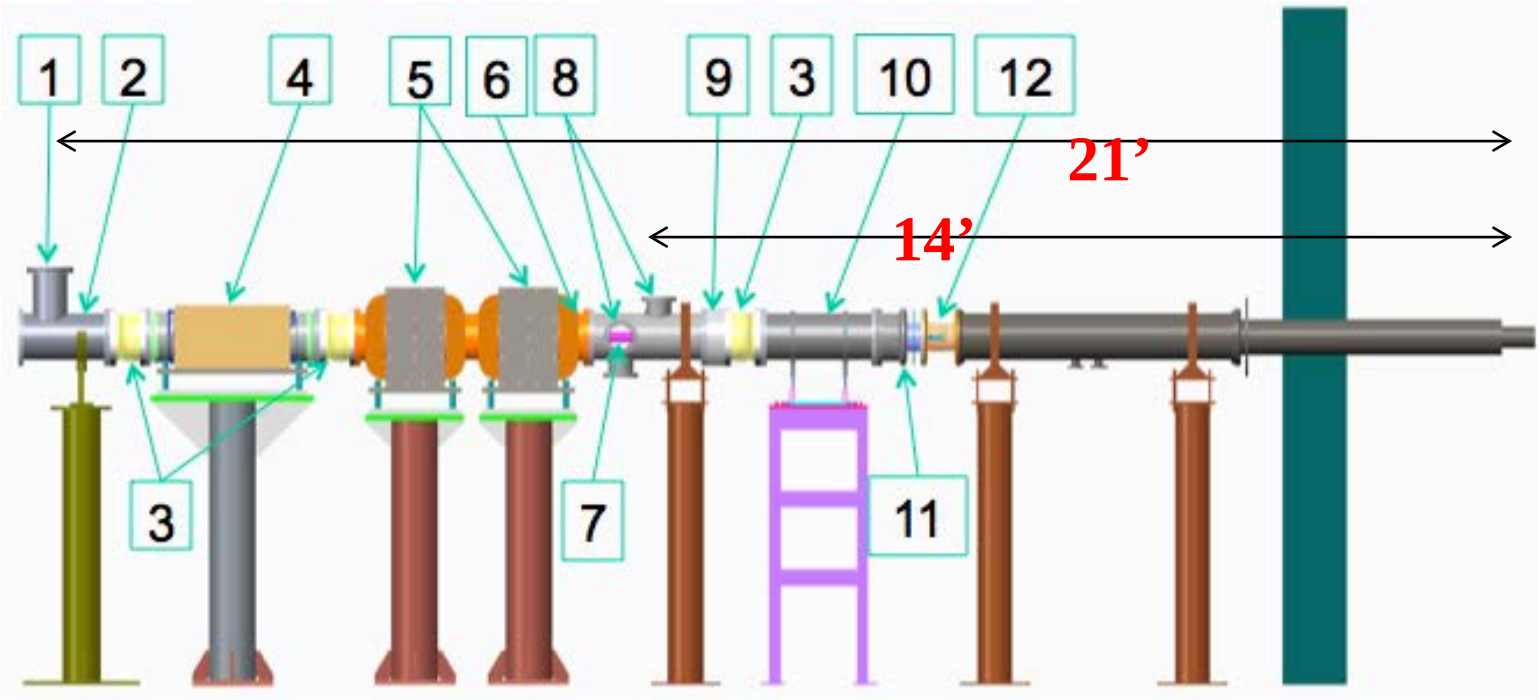
# Beamline Location




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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