Preinjectors Status

D. Raparia

March 08, 2016
Time Meeting

Tandem Status

- Booster using D^+ from tandem since yesterday
- First day intensity 180 uA, 350 uS (~ 2E11)

D. Raparia

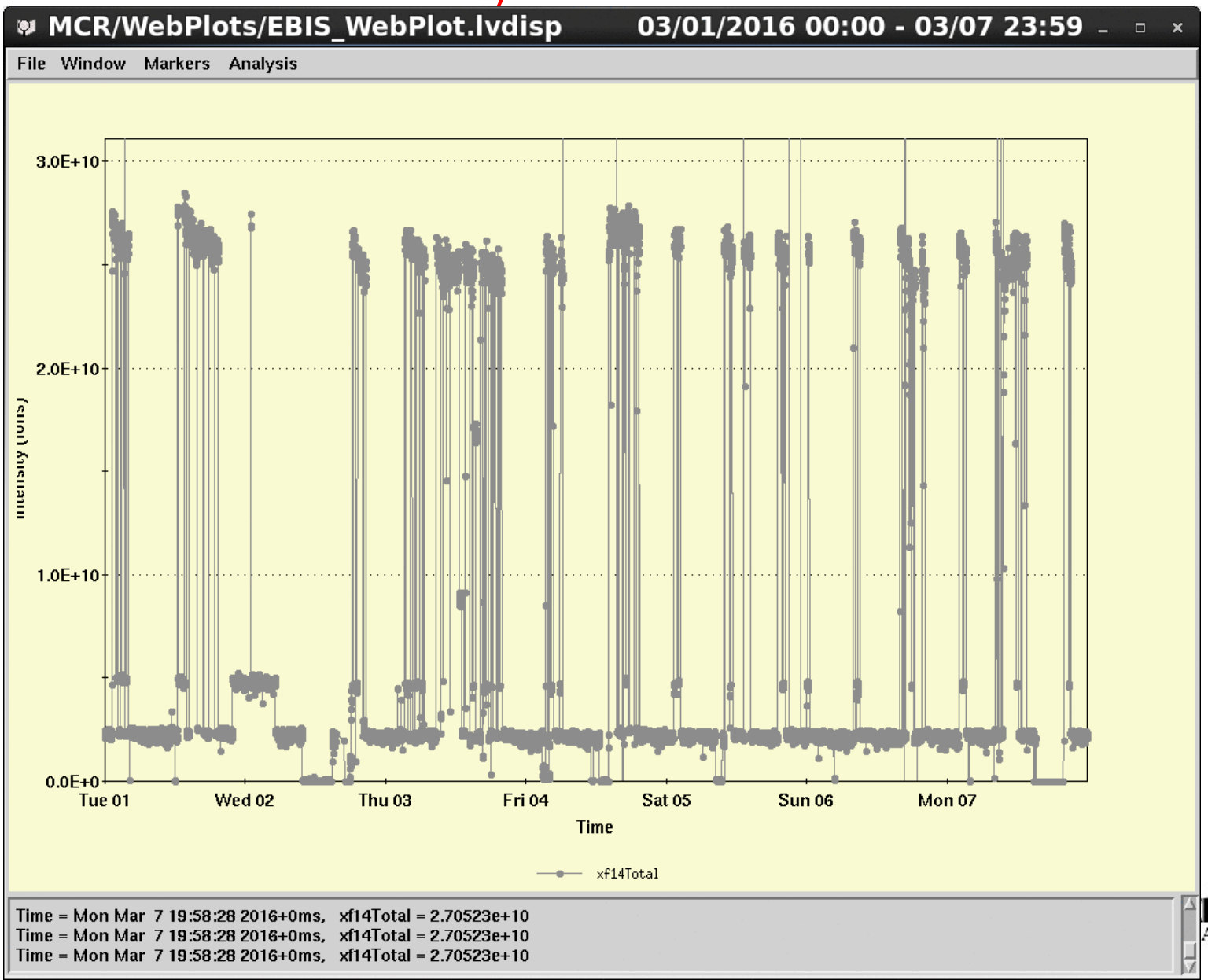
EBIS Status

- EBIS running **smoothly** Au with 12 pulses
- Preparing for NSRL run , will try iron today

- 03/02: Maintenance
- 03/05/: Refill EBIS solenoids

D. Raparia

EBIS intensity after Linac



HAVEN
ABORATORY

Linac Status

- Linac running for very stably BLIP at 117 MeV BLIP
- Available average current 165 uA, running at 155 uA as per BLIP request
- Polarized program is on hold for this week

- 3/01: Energy change and research target (~1 HRS)
- 03/04: Calibration of BLIP stack flow monitor (2.2 HRS)

- 03/08: Maintenance (4 HRS)

- LLRF mod 5
- BLIP PXIe
- etc

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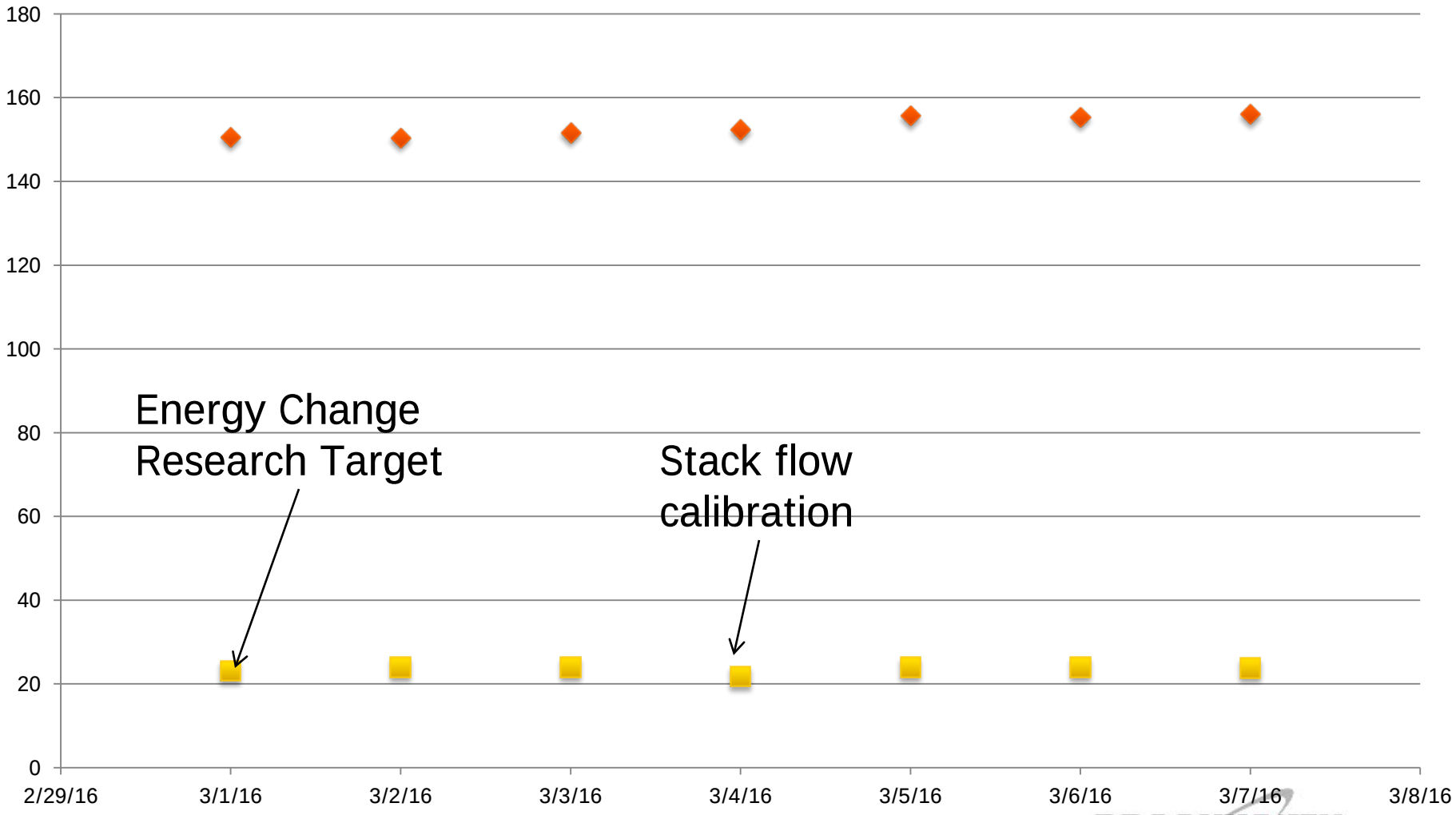
Average Current for BLIP & Beam on HRS/day

Beam on 164.4 HRS out 168 HRS



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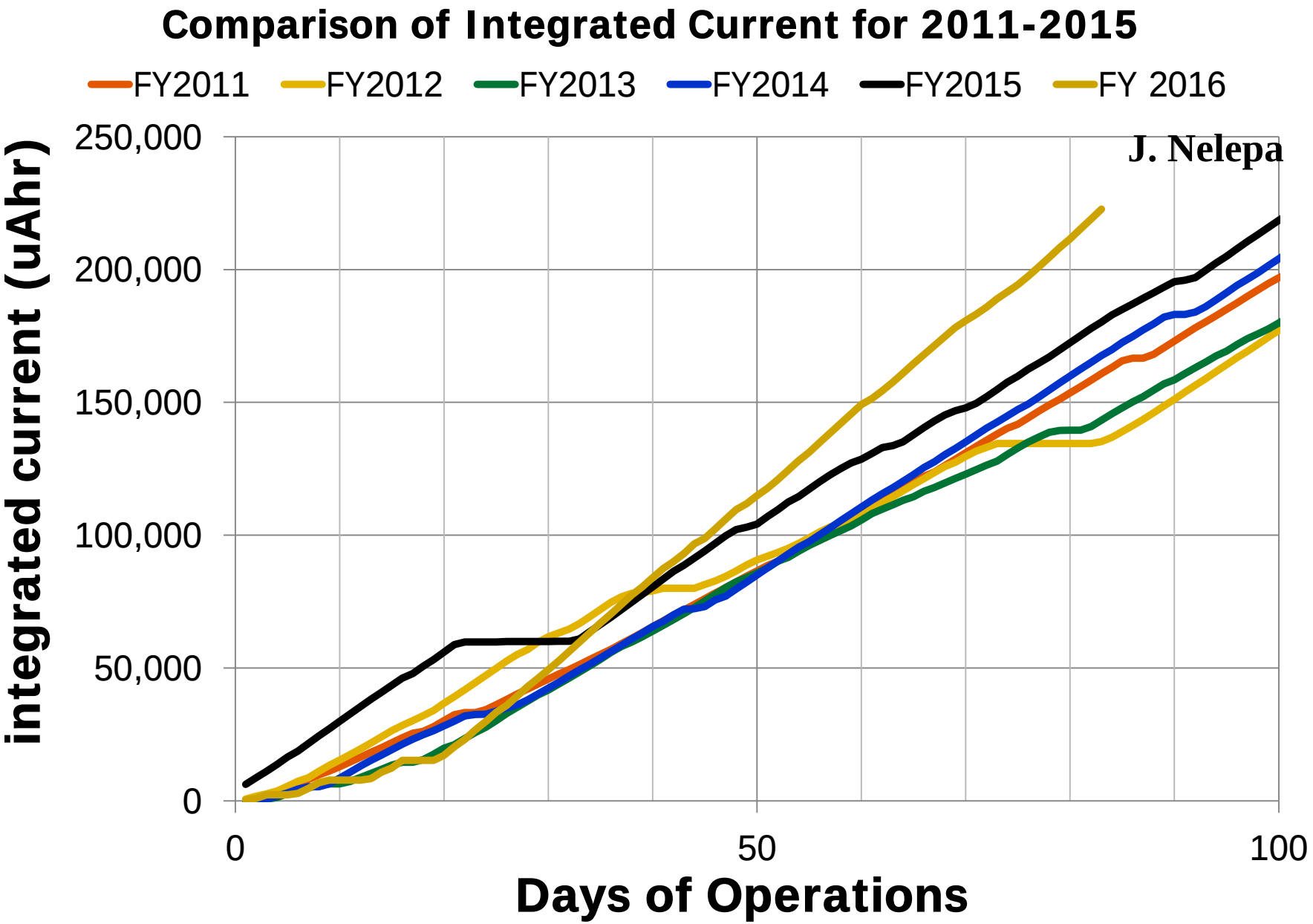

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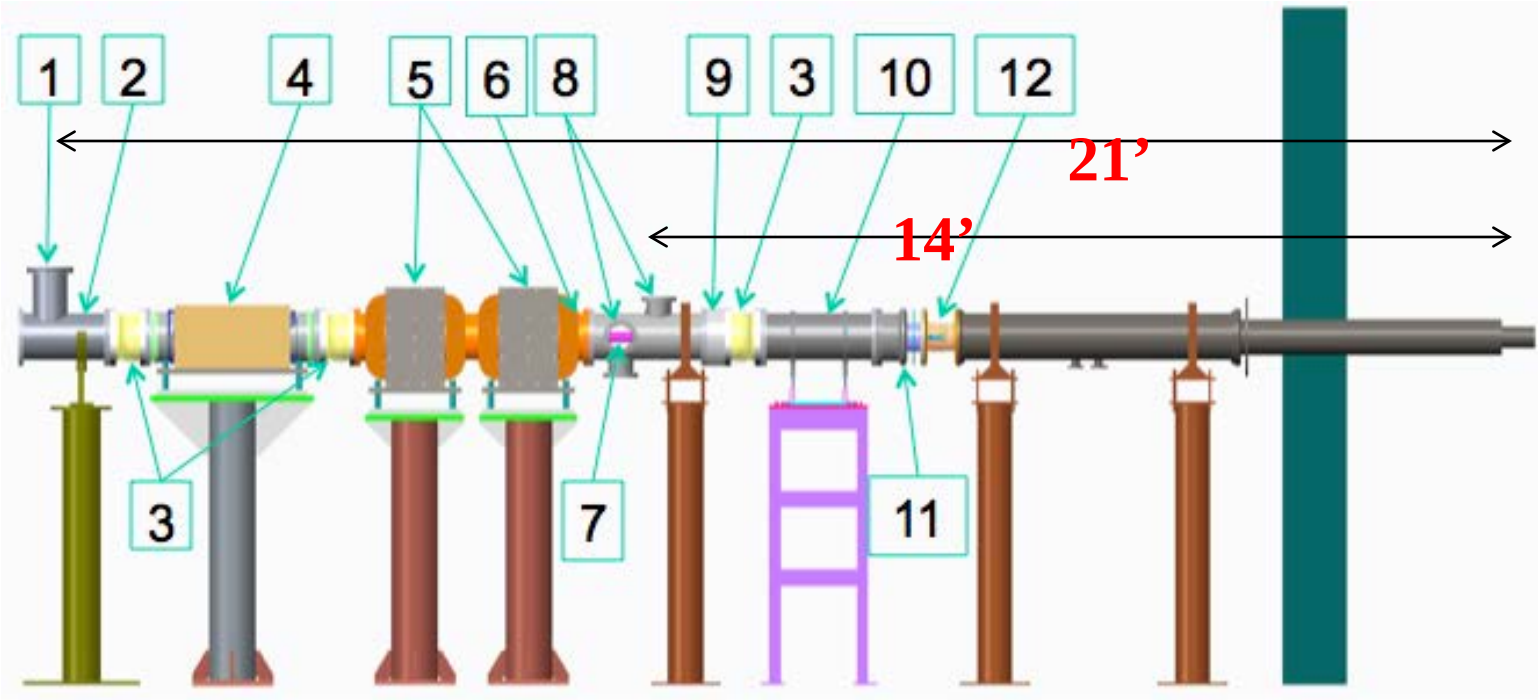
Beamline Location



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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