Preinjectors Status

D. Raparia

April 5, 2016
Time Meeting

Tandem Status

- Last week , Ru to Booster , with 0.5 p-μA, 600 μs, 8 pulses
- Next week try 1000 μs, 12 pulses

D. Raparia

EBIS Status

- EBIS running **smoothly** Au with 12 pulses with Iron for NSRL
- Last week He and O for NSRL

D. Raparia

Linac Status

- Linac running for BLIP at 117 MeV BLIP at 155 uA as requested
- Next Monday PP at 200 MeV for booster if needed
- 200 MeV to BLIP on April 20th

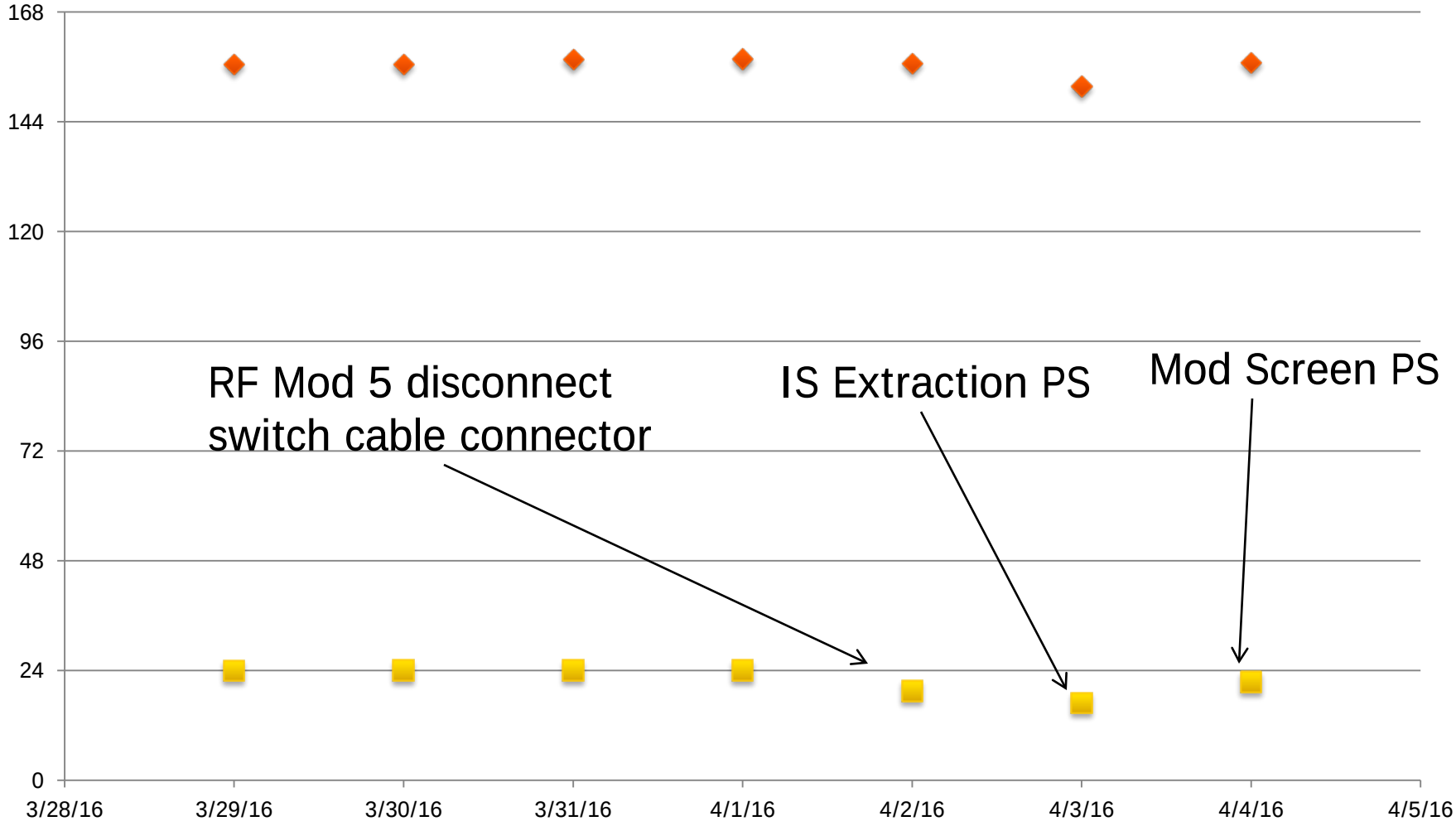
- 4/2: Connector for disconnect switch for 50 kV PS mod 5 (~4 HRS)
- 4/3: H- IS Extractor HV PS (~7 HRS)
- 4/4: Screen PS for RF Mod 1 (2.5 HRS)
- 4/5: Maintenance (4-5HRS)

  - RF and linac timing
  - Driver cart for RF MOD 1
  - Extractor PS
  - Gate valve near Polarimeter

D. Raparia

Average Current for BLIP & Beam on HRS/day

Beam on 153.8 HRS out 168 HRS



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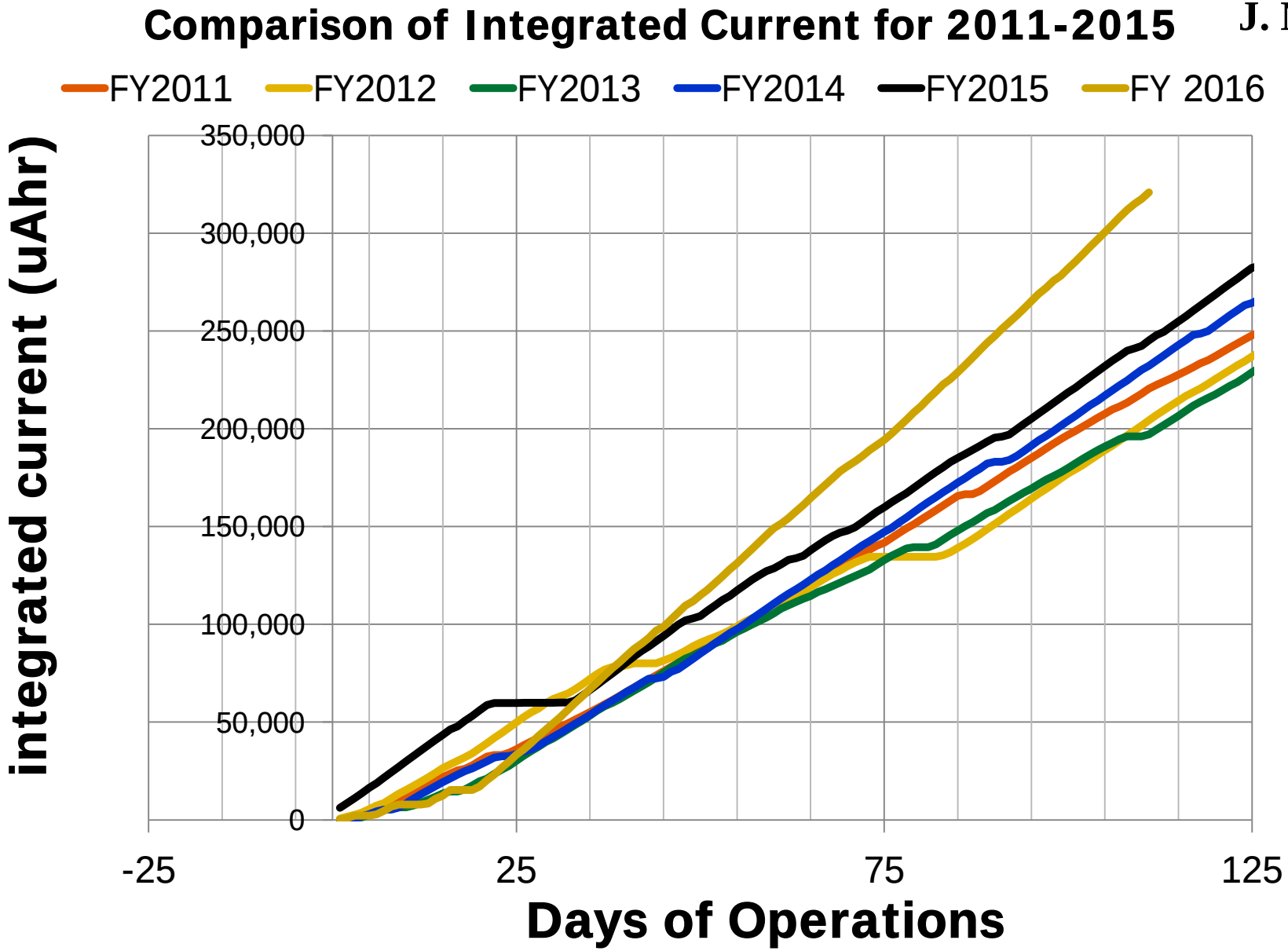
J. Nelepa



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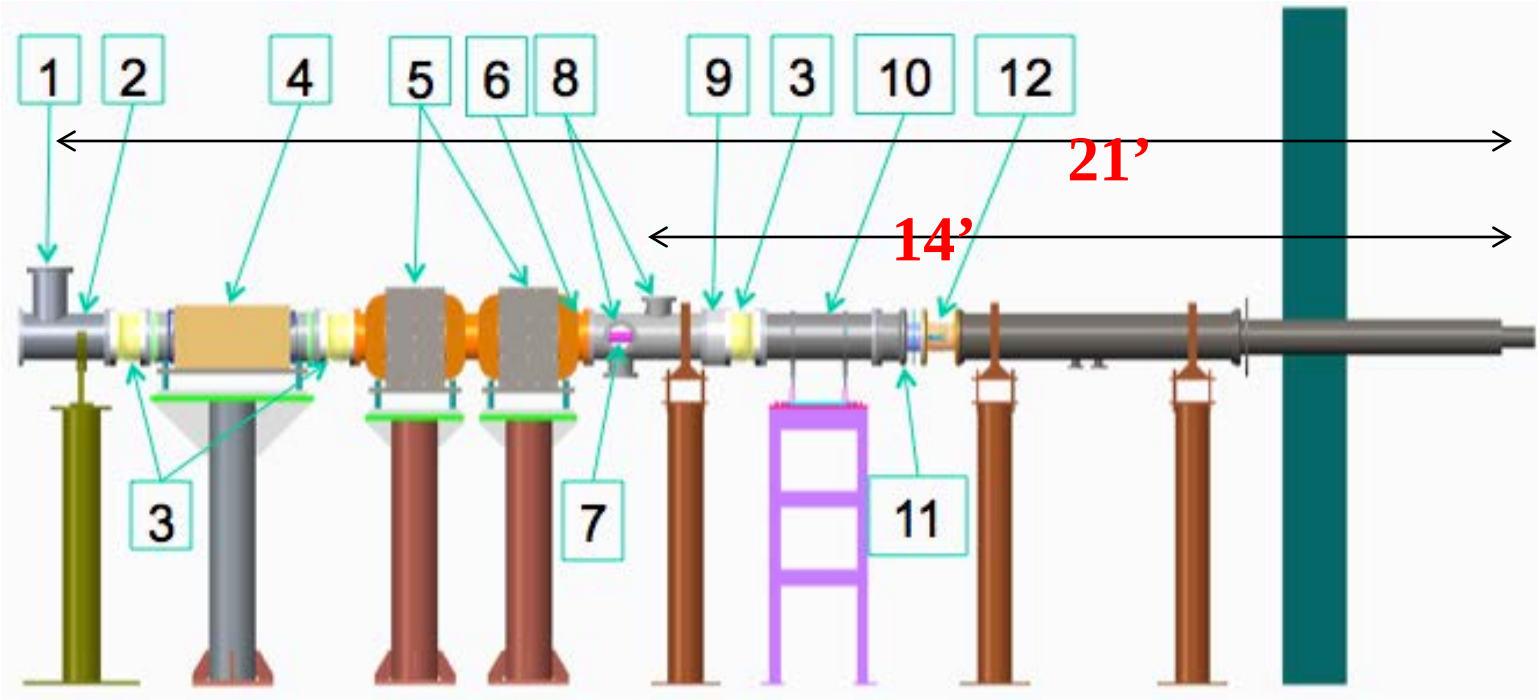
Beamline Location



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)