

PS status 13.09 – week 37/2018

I. Efthymiopoulos on behalf of PS operations and supervisor team

Availability

96.3%

Blocking Faults

9

Total Faults

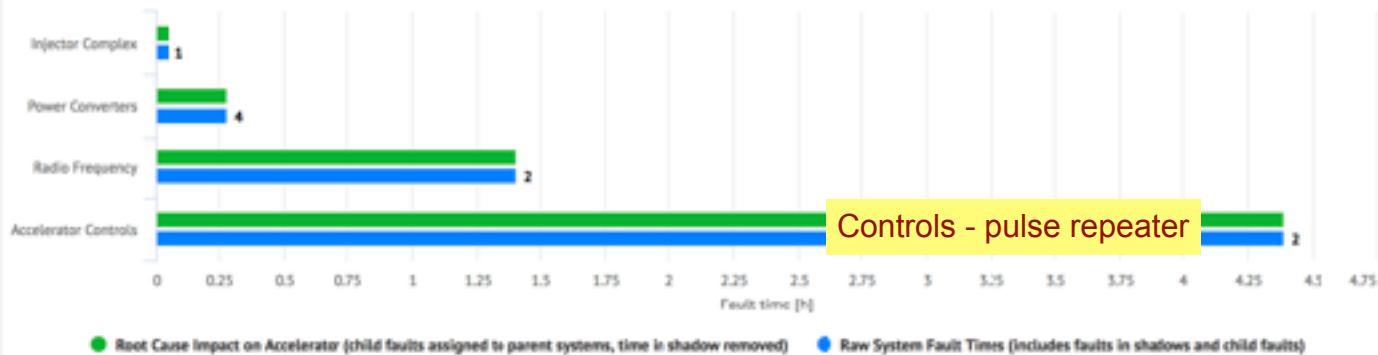
10

Fault Duration (overlap excluded)

7.0h

Blocking Faults by Root Cause

System Downtime Vs Accelerator Impact

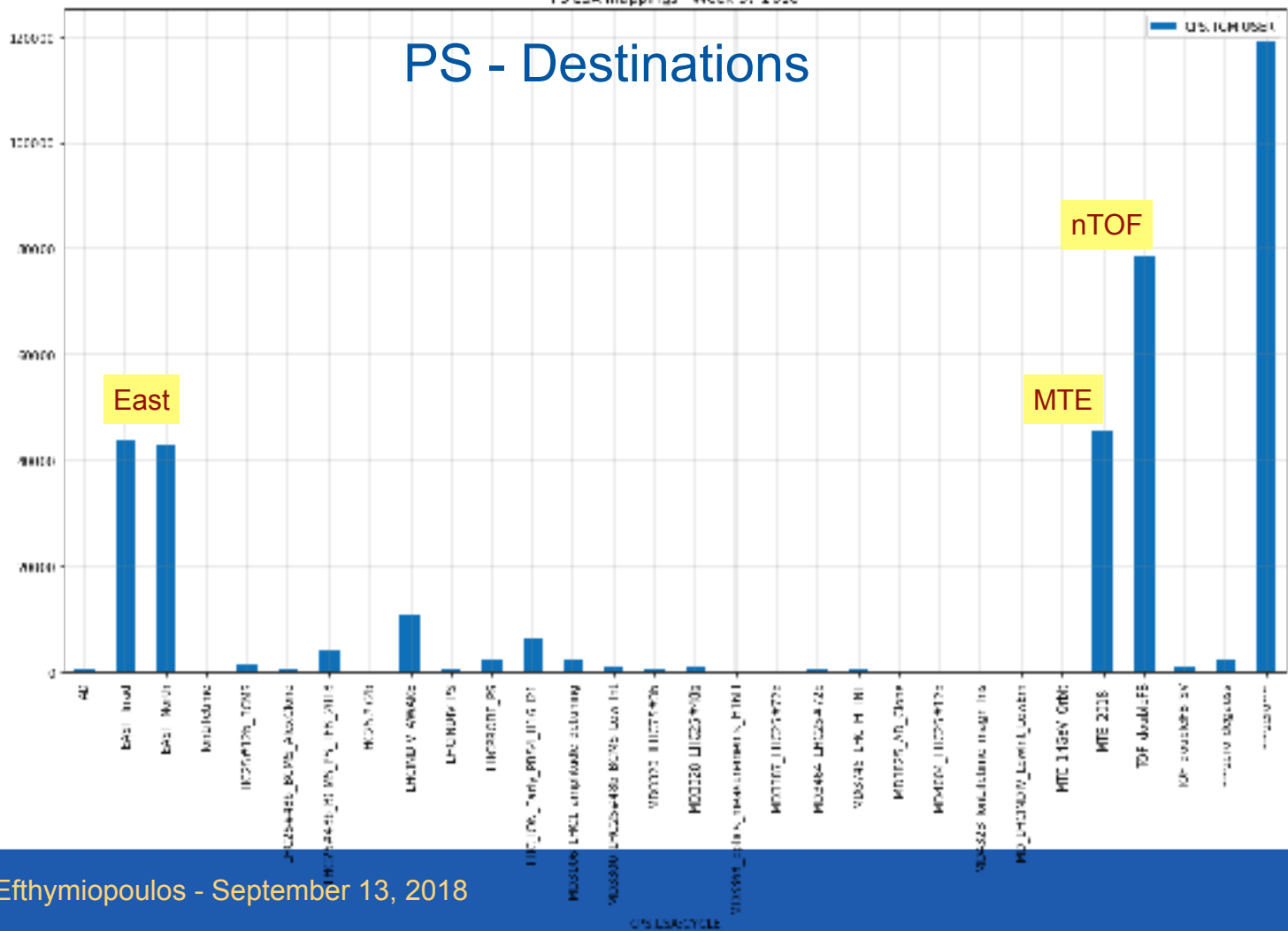


Faults Timeline

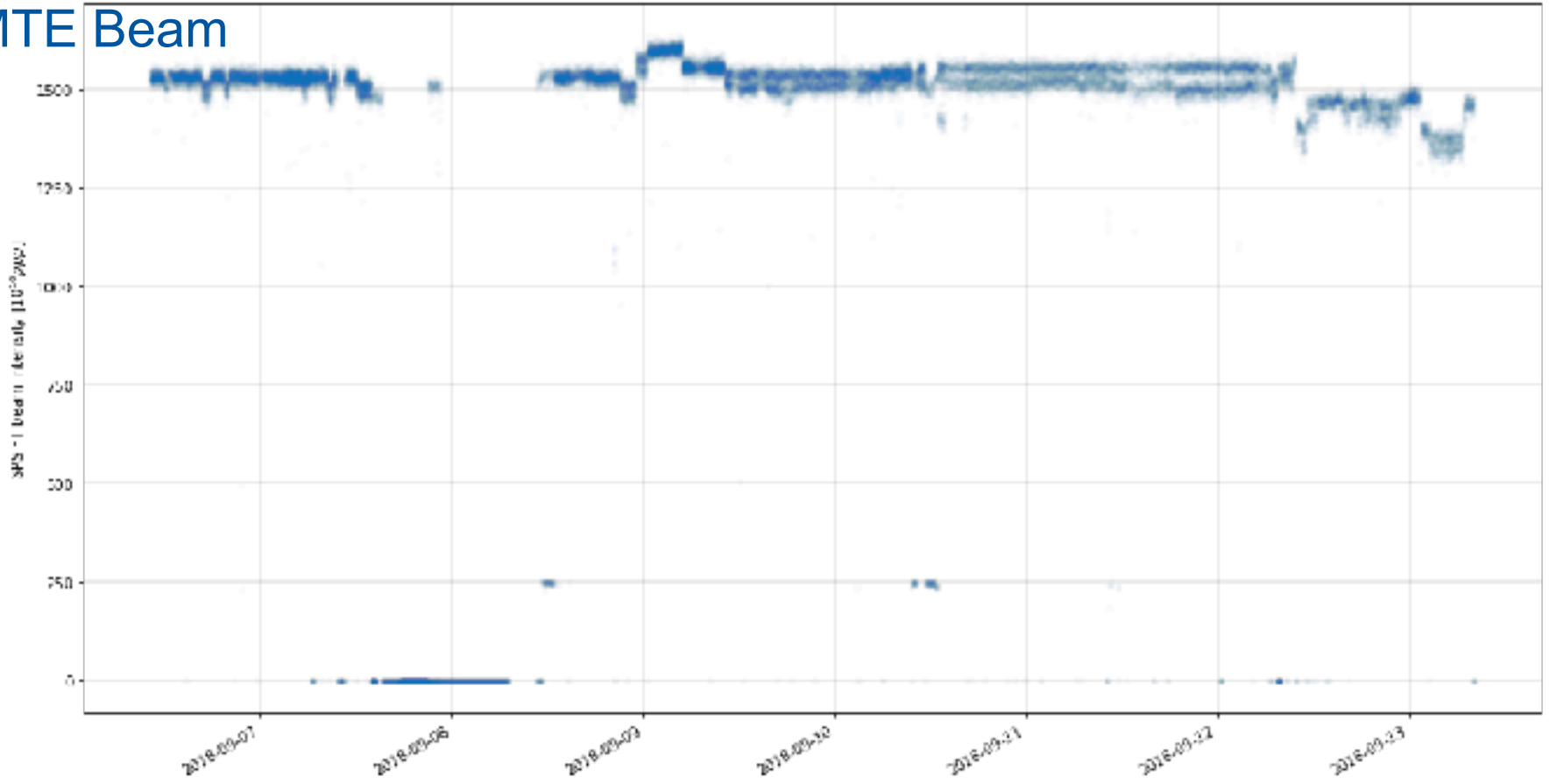
- Accelerator Controls
- Injector Complex
- Other
- Power Converters
- Radio Frequency



PS - Destinations

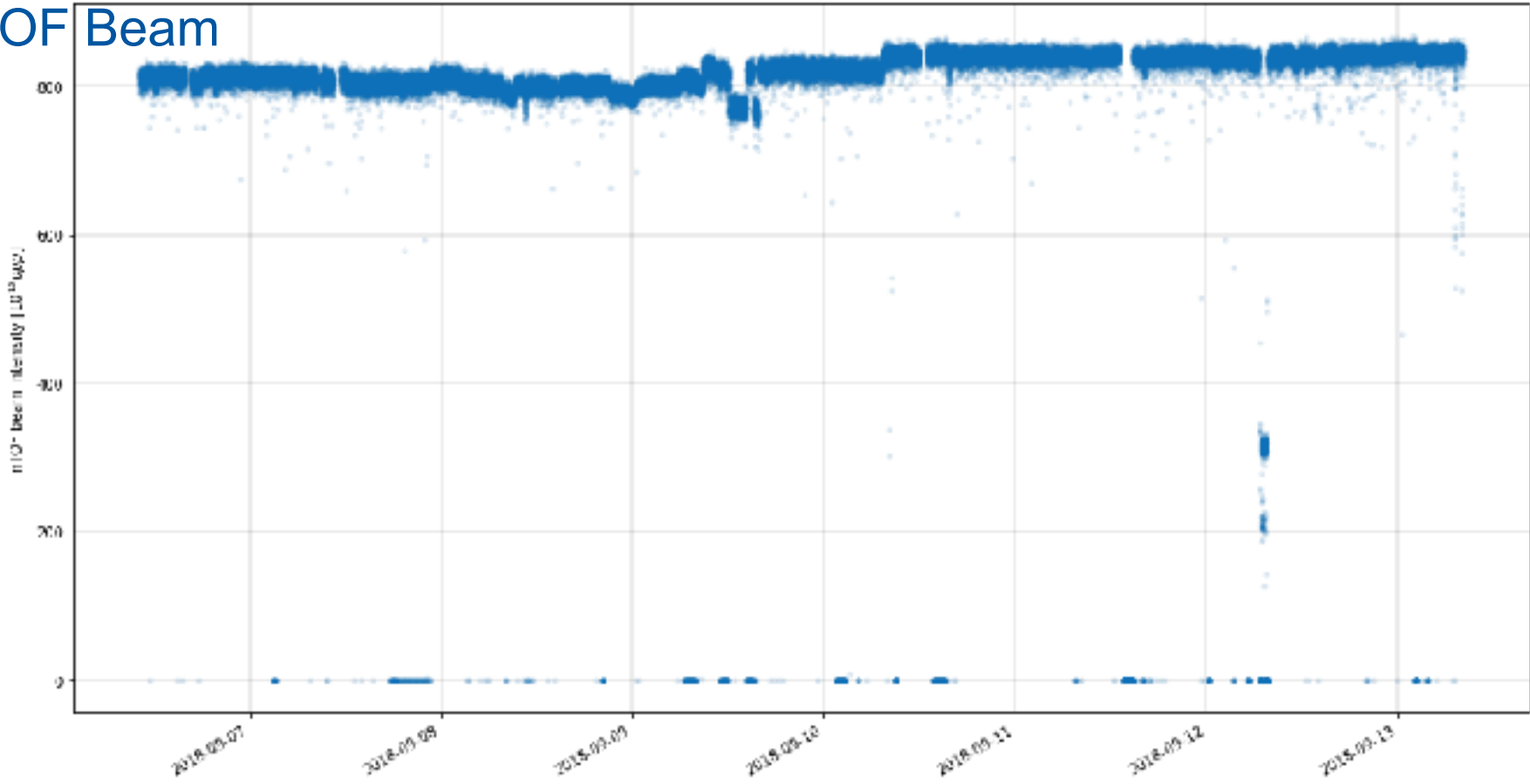


MTE Beam

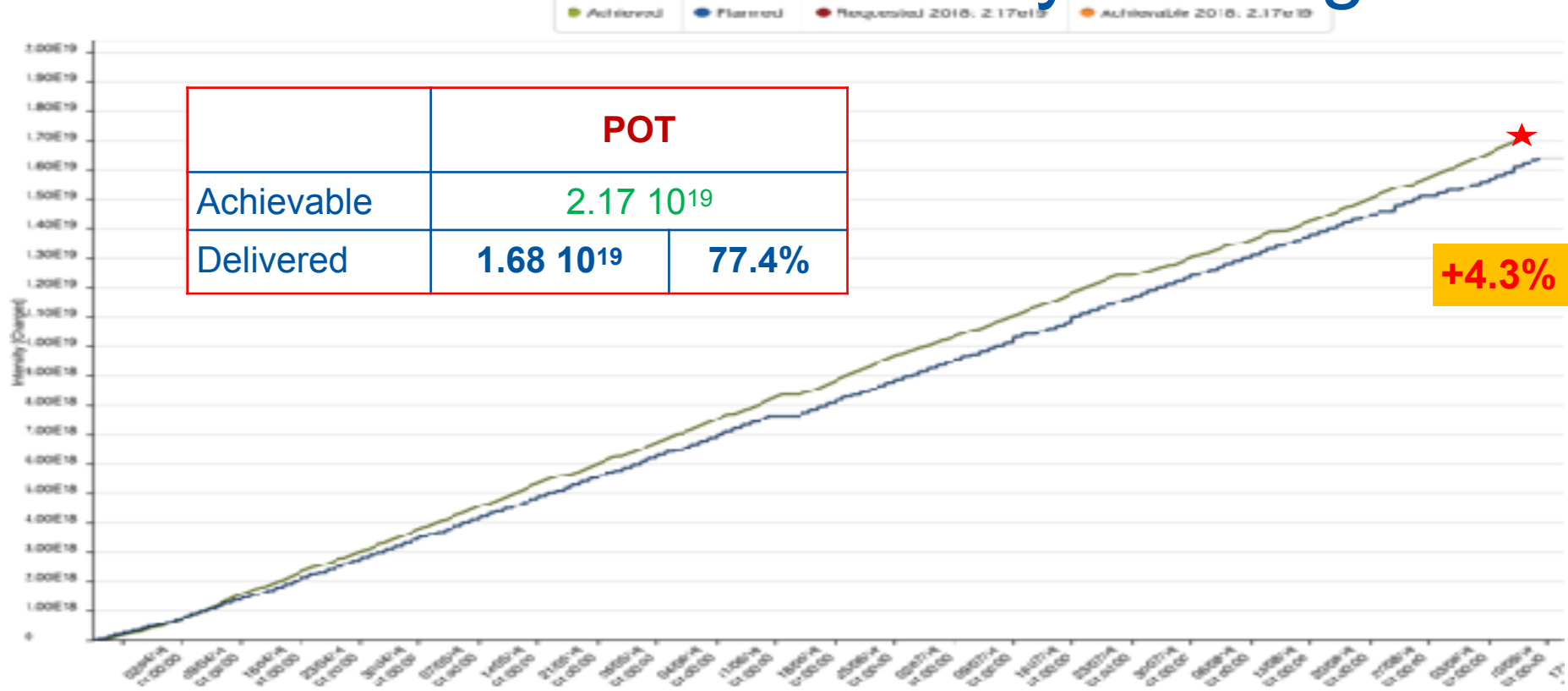


nTOF Beam

PS nTOF beam - Week 37-2018



nTOF - Cumulative Intensity on Target



PS Beams - TS2

- **17/09 07:30:** Stop SFTPRO; start UA9 run
- **17/09 16:00:** Stop ISOLDE, TOF and EAST proton beams – 16h cool-down
- **18/09 05:00:** Stop all proton beams (except COAST injection for UA9) – 3h cool-down
 - max. 10 COAST injections/hour later than 05:00 (3h before the RP survey)
 - beam stopper downstream of Linac2 source in safe position when COAST is not requested
- **18/09 07:30:** Stop all ion beams and COAST injection for UA9 – 30min to 1h cool-down
- 18/09 08:00: RP survey for PS complex
- 18/09 08:30: Access start for SPS
- 18/09 09:00: Access start for PS complex
- **19/09 12:00 - restart all beams**
- 19/09 14:00: COLDEX RUN starting
- 20/09 13:00: Stop COLDEX RUN
- 20/09 13:30: Access for COLDEX
- 20/09 14:00: SPS ready for NA physics

