



SPS Status – week 22

K. Li

Users' Meeting 31. May 2018

Fault tracking



Availability

77.3%

Blocking Faults

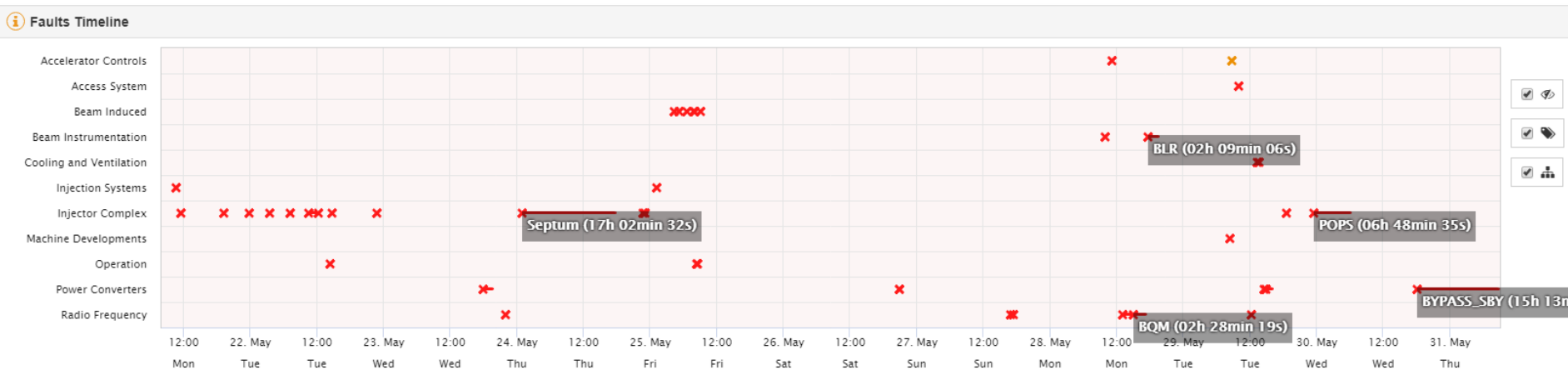
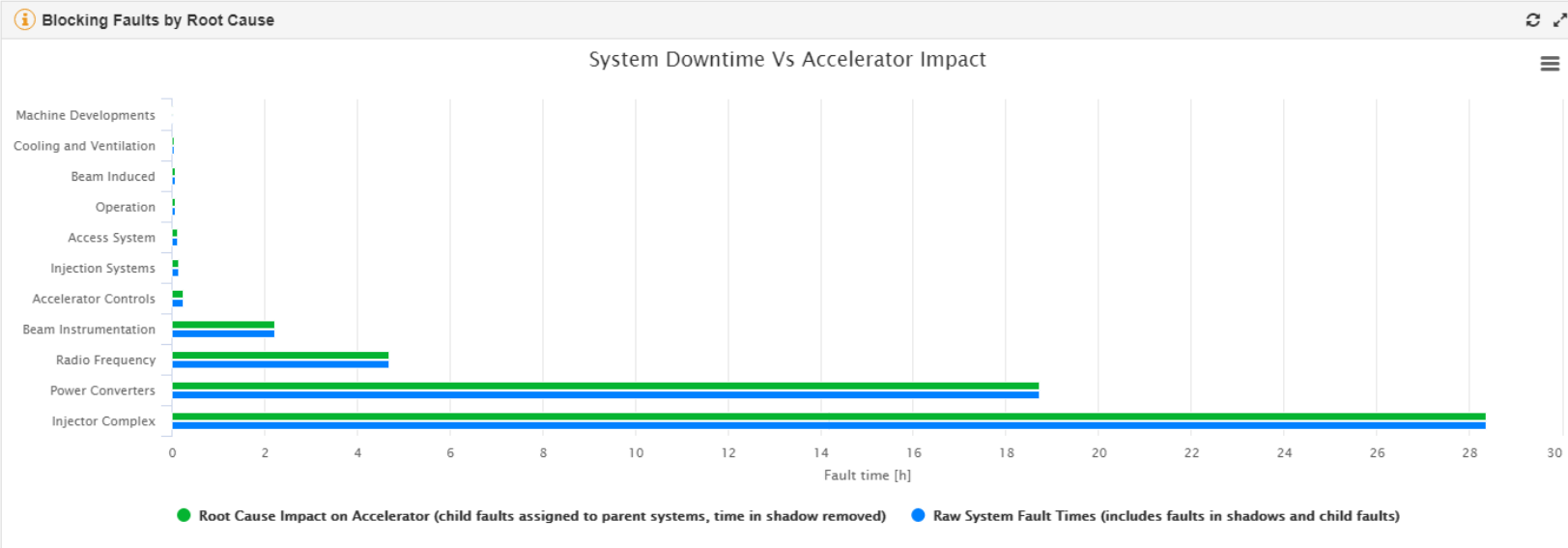
44

Total Faults

45

Fault Duration (overlap excluded)

55.1h



Current status



- Noise looks under control
- Problems with spikes at beginning of extraction have been appreciated by the OP team:
 - Extraction process is highly dynamic and extremely **sensitive to changes**
 - The OP team is aware of the problem and every effort is being made to deliver stable and high quality beams
- Unfortunately, this week we suffered from a couple of problems with software upgrades and power converters with a major problem on MBE2103 (oil leak) just last night.

Intensities

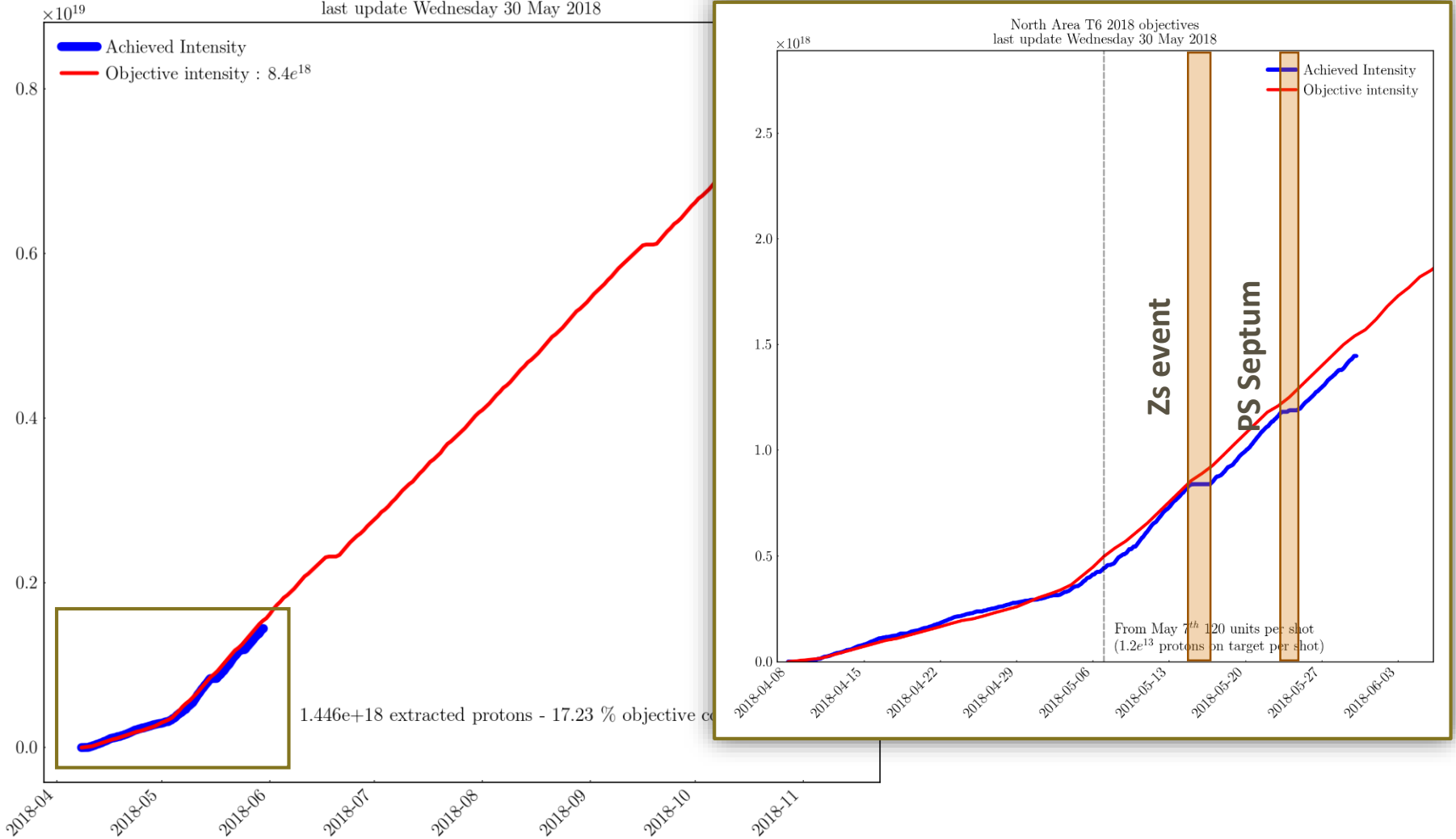


T2	40 → 50 from Wednesday
T4	40
T6	120
T10	

Intensities



North Area T6 2018 objectives
 based on $1.2e^{13}$ protons on target per shot
 last update Wednesday 30 May 2018



Other news and plans



- HiRadMat planned to be taking beam from Thursday evening
- Will **carefully observe** the impact on ZS tank

Fault tracking



Availability

75.1%

Blocking Faults

31

Total Faults

32

Fault Duration (overlap excluded)

42.1h

