

# PS Report week 21



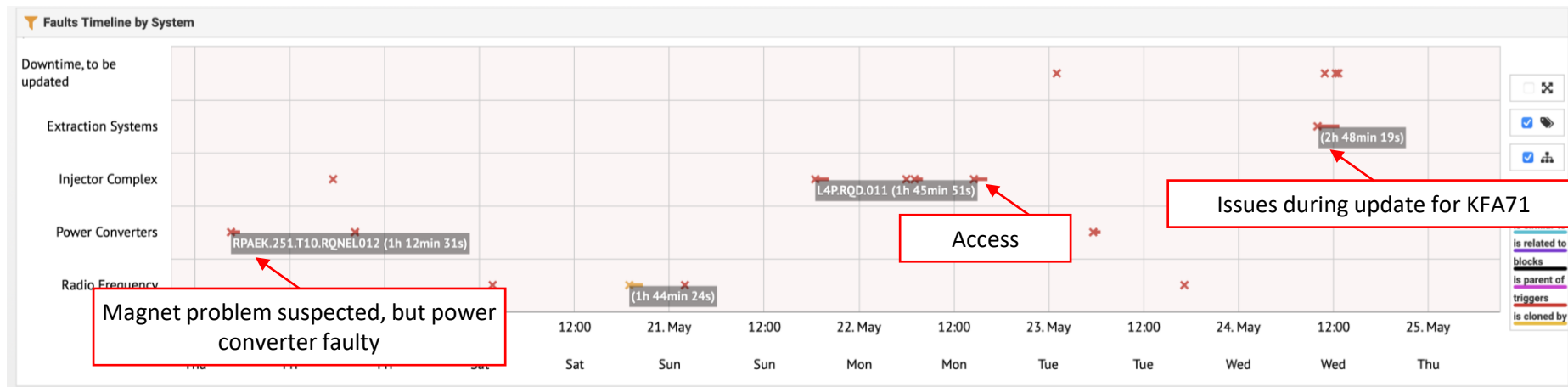
Many thanks  
to the PS OP and coordination teams as well as all equipment experts and support teams!

# Availability



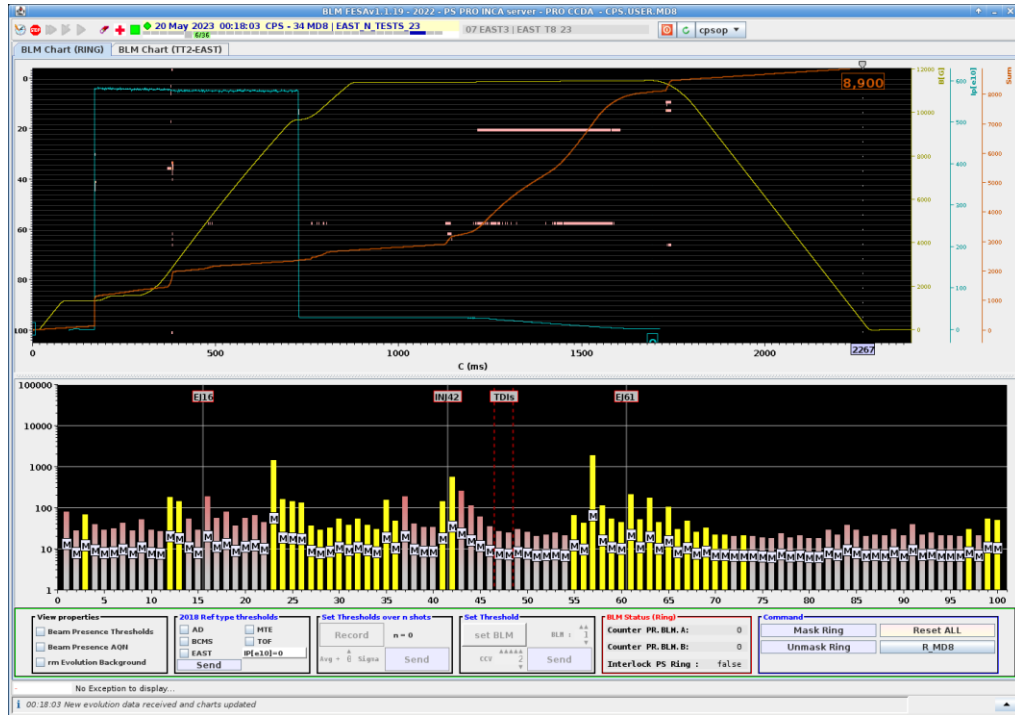
# Availability

- Over the weekend: cavity **C10-81 not pulsing** and **C10-11 frequently tripping** → fixed during access on Monday
- **Synchronisation and other issues** with **KFA71** modules **continue** → ABT experts looking at it daily
- Problem when updating software for KFA71 yesterday (3h downtime instead of 30 mins) → problem understood, soon to be rolled out
- **EAST T9** stopped for several hours on Thursday due to **power converter issue** and other EAST users later for access



# Main Activities

- New EAST cycle with ramp of dedicated TOF created to increase parasitic intensity to  $\sim 550E10$  p
  - This will allow us to increase the flux to  $2.2E12$  p/s once we get the green light

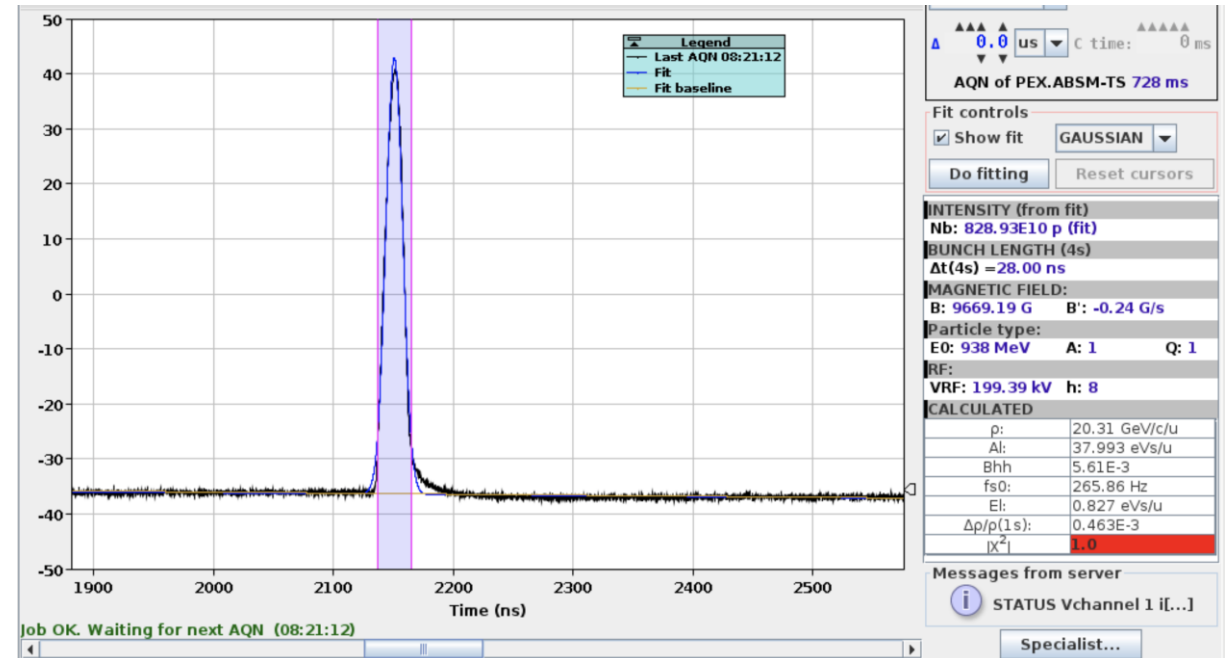


- In general constantly working to improve EAST spill quality

# Main Activities

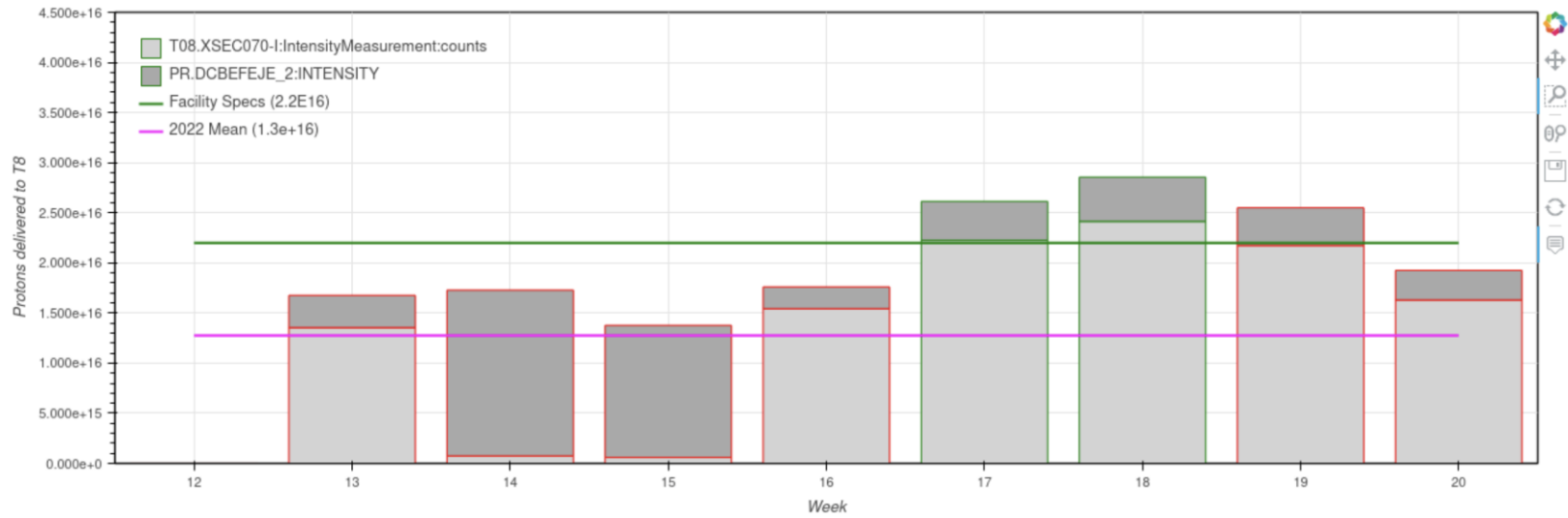
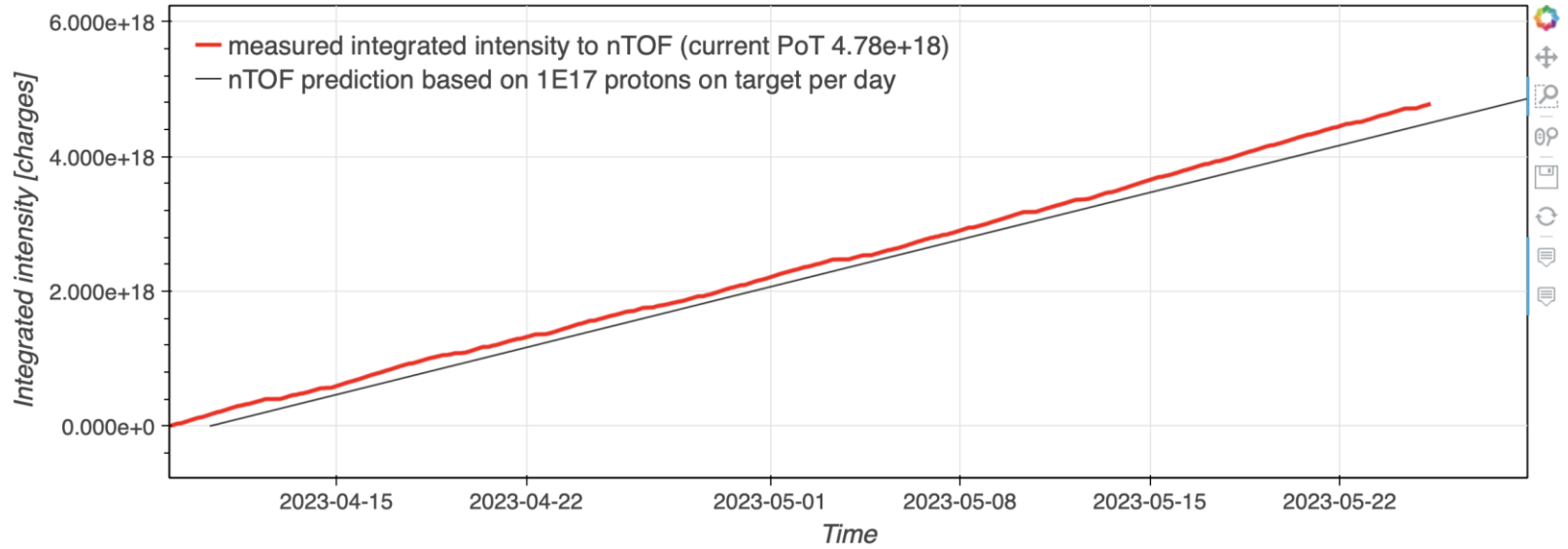
- **TOF 28 ns**

- Request received for 7 June
- Beam tested this morning and available



- **SFTPRO**

- transmission along the cycle improved after intensity increase (added longitudinal blow-up)
- Adjusted splitting frequency to center the beam (MRP showed 5 mm), but realised that BPM gain was by far too low (actual position only  $\sim 1$  mm)  $\rightarrow$  Marcel looking into UCAP to set appropriate BPM gain based on beam intensity



# Questions and Comments

PS Coordinator for week 22 – **Denis Cotte**



**9:00** live meeting in the CCC on Wednesday and Friday

Zoom link to follow the meeting on remote: <https://cern.zoom.us/j/9372114100?pwd=L29BcmIHUENCdFBRSytXYVcrM1B4Zz09>

Meeting ID : 937 211 4100

Passcode: 525463