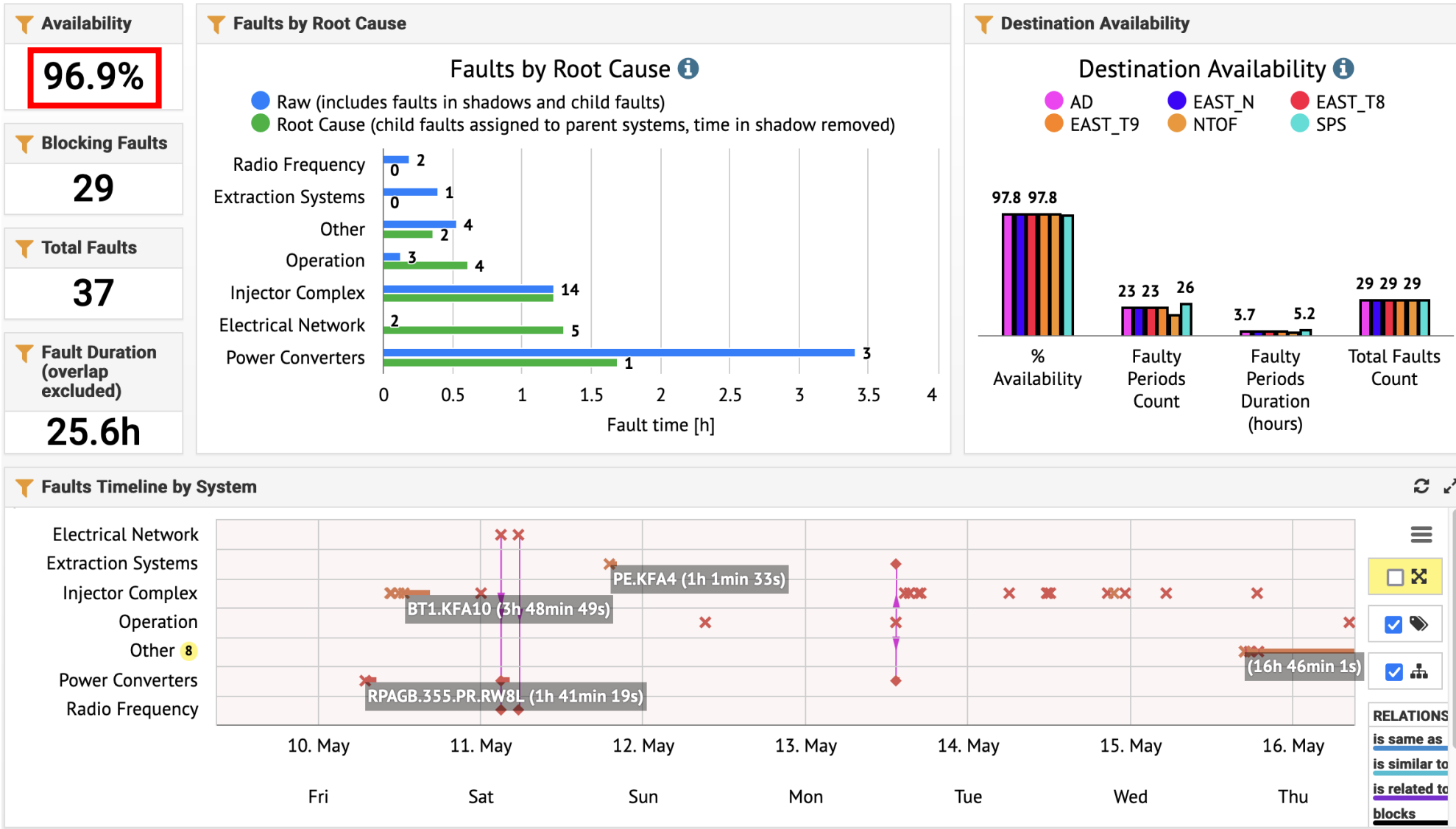


PS Report week 19/20



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

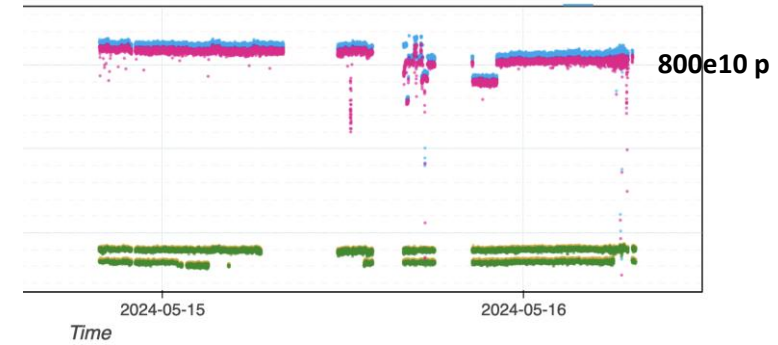
Beam availability Thu 9am – Thu 9am



Main Points

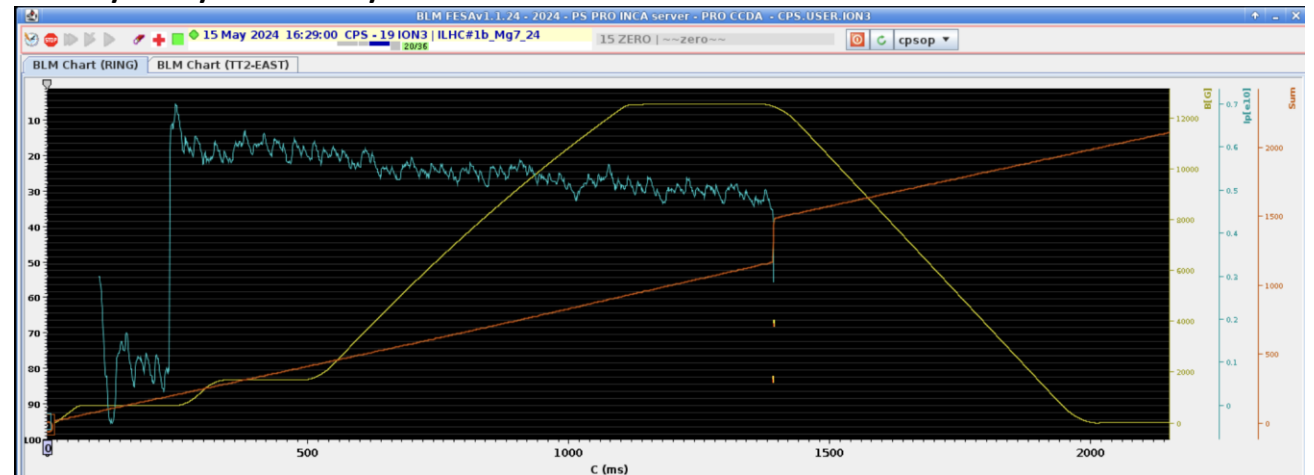
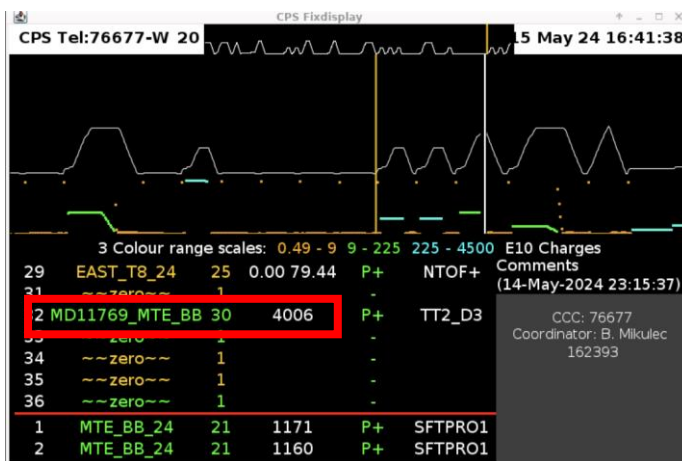
Main issues:

- 1h40 downtime last Friday due to cooling issues of figure-of-eight loop
- 2 electrical network problems last Saturday
- POPS trip on Monday due to operational error
- Since yesterday afternoon losses occurred → affected AD, SFTPRO for a short period and mainly TOF (slightly reduced intensity since) → being investigated



Main progress last days:

- 4000e10 p reached for the first time yesterday for the barrier-bucket MTE MD cycle (although still with important losses in the machine)
- Mg ion beam injected and captured in PS; reached Flat Top yesterday
- Mg ion lifetime measurements with special flat bottom cycle yesterday



W19 coordinator: Y. Dutheil
W20 coordinator: B. Mikulec
W21 coordinator: A. Lasheen

Questions and Comments?



Exceptionally 09:90 ON Tuesday: PS-MPC

Zoom link to follow the meeting on remote: <https://cern.zoom.us/j/62700463149?pwd=VWdOd1U1UGgrQVICc2xNRkMwcFFoQT09>

09:00 WED and FRI: PS morning meetings

Zoom link to follow the meeting on remote: <https://cern.zoom.us/j/9372114100?pwd=L29BcmIHUENCdFBRSyYVcrM1B4Zz09>

Meeting ID : 937 211 4100

Passcode: 525463