

OPERATION REPORT

22-29/11/2022



HIE-ISOLDE:

- $^{182}\text{Hg}45\text{p}$ at 4 MeV/u delivered to Miniball from GPS.
- Liquid Lead target.
- Slow extraction setup and optimization of beam injection into Miniball.
- $^{22}\text{Ne}6+$ at 4.0 MeV/u delivered on Tuesday evening and night for calibration.
- 7GAP3 low level RF failure on Thursday soon after starting sending radioactive beam to users.
- 7GAP3 problem solved on Friday afternoon and beam for users until Monday at 6:00 AM (end of protons).
- IHS accelerating cavity trip. Restarted by users.
- Target change on GPS on Monday afternoon. Some issues with the air compressed booster pump during the target change. Bypass done and auxiliary system in place on Tuesday morning to continue with the target change.

HRS:

- Target irradiated for the winter physics (AcF to CRIS).
- MEDICIS target irradiated in parallel. Target retrieved for implantations.
- Separators and RFQ setup to CRIS.

Availability

82.6%

Blocking Faults

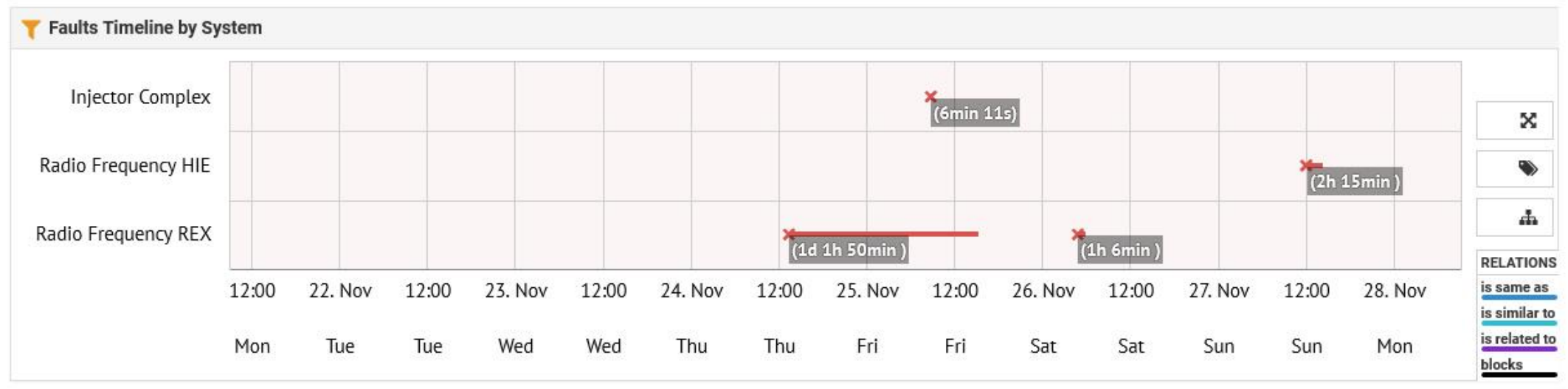
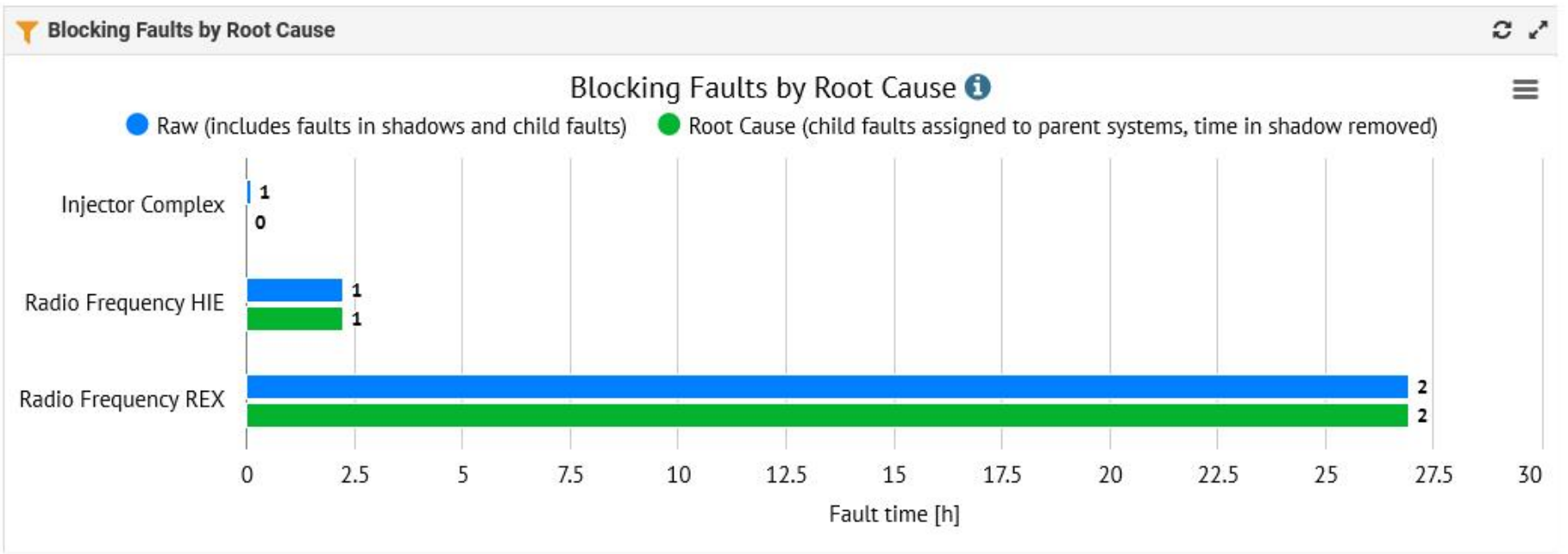
4

Total Faults

4

Fault Duration (overlap excluded)

29.2h



RELATIONS

- [is same as](#)
- [is similar to](#)
- [is related to](#)
- [blocks](#)

Availability

99.5%

Blocking Faults

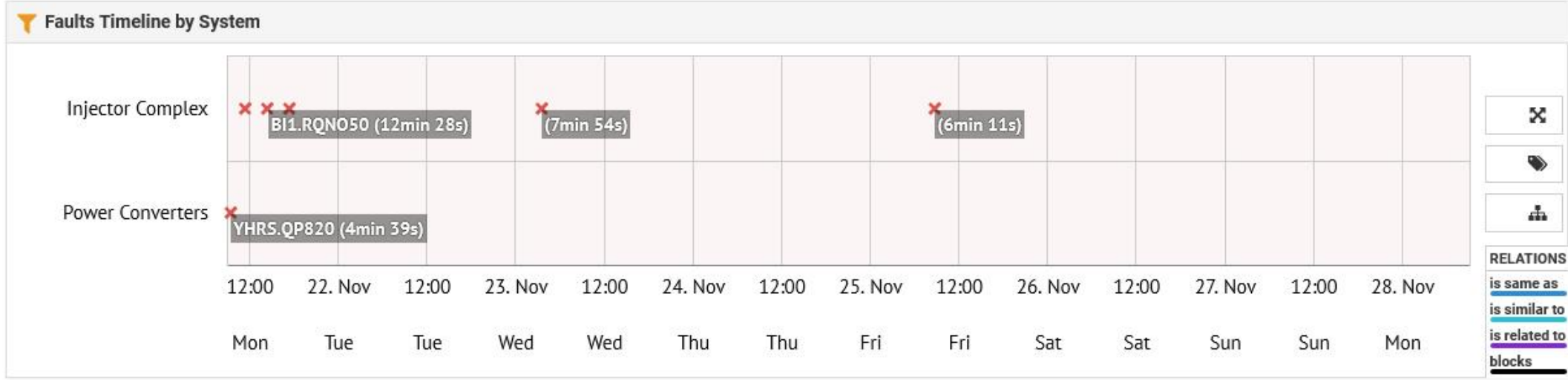
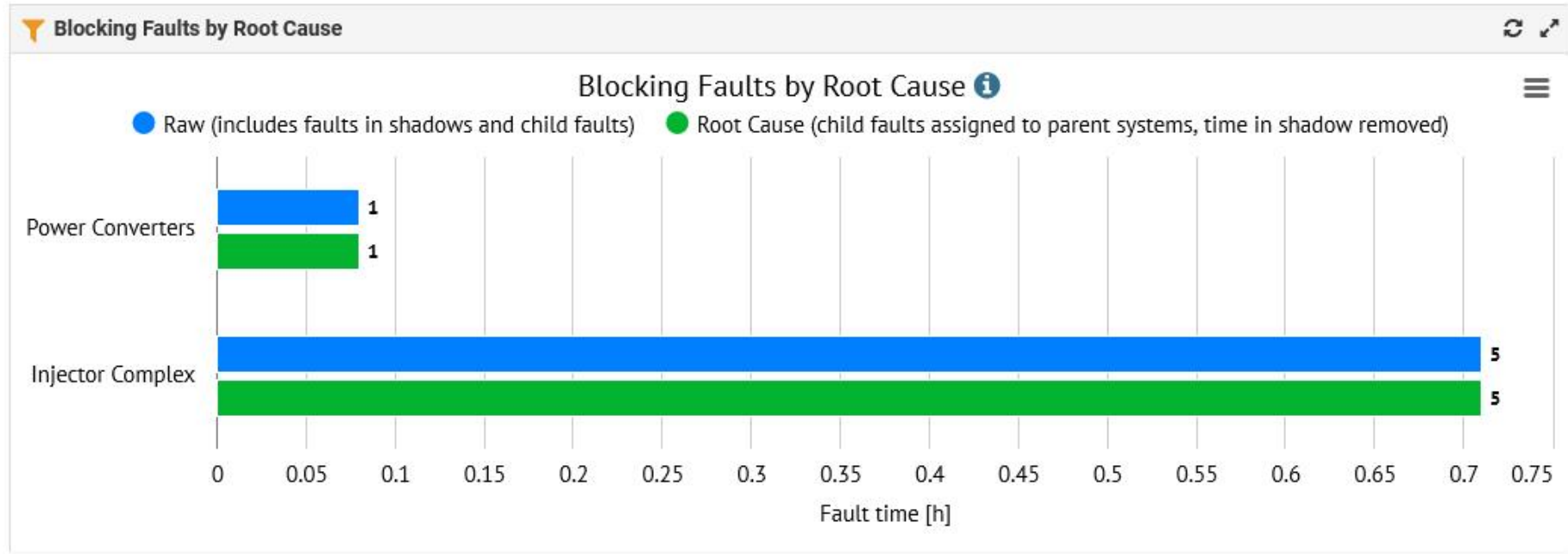
6

Total Faults

6

Fault Duration (overlap excluded)

0.8h



RELATIONS

- is same as
- is similar to
- is related to
- blocks