



Linac 4

Week 14

Piotr Skowronski

➤ Availability
94.5%

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94.5%

Blocking Faults

6

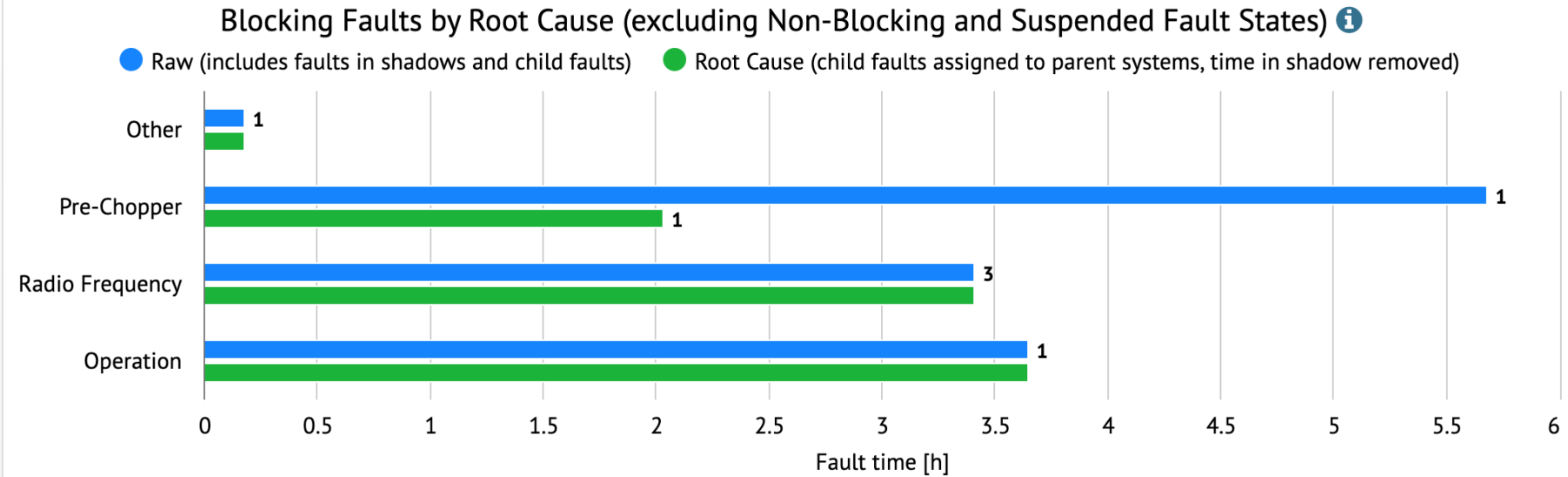
Total Faults

6

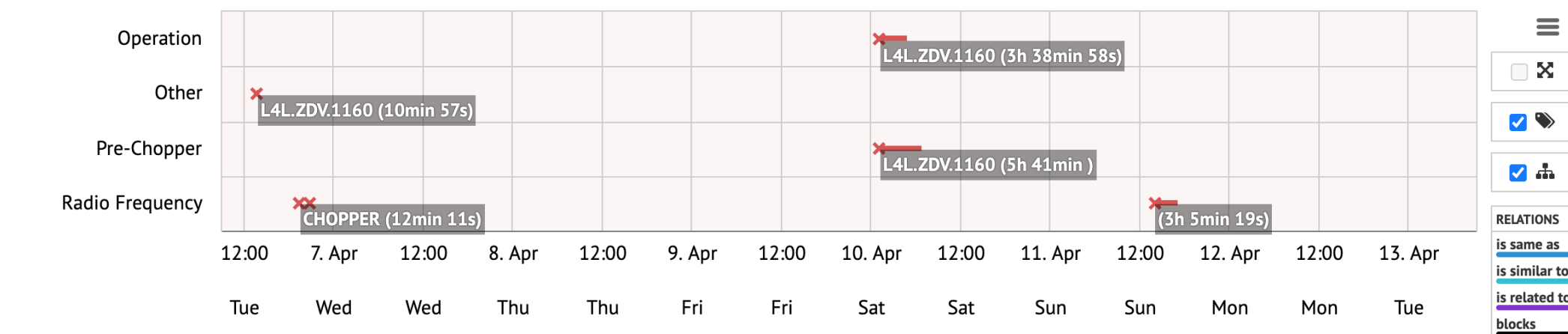
Fault Duration
(overlap excluded)

9.3h

Blocking Faults by Root Cause (excluding Non-Blocking and Suspended Fault States)



Faults Timeline by System



The faults

- On Saturday 2AM – pre-chopper
 - 5.5h downtime
 - 3.3h is on operations because we called SY-RF piquets instead of SY-ABT
 - We apologize for unnecessary waking up 4 specialists
 - Dashboards are being updated
 - A high-voltage cable had to be exchanged (access needed)

- On Sunday 2PM – ventilation fan of CCDTL1 klystron
 - 3h downtime

- Stray Field Compensation on SIS updated
 - The values of the SFC correctors did not update correctly when set with YASP of PPM copy

- Identified that most of the pre-chopper faults is due to L4X.TAILCLIPPER LTIM not triggering
 - Created issue for Accelerator Controls » Timing
 - To be followed up