



Linac4

- Week 44 -

G Bellodi for Linac4

Next week supervisor JB Lallement

Availability

96.4%

Blocking Faults

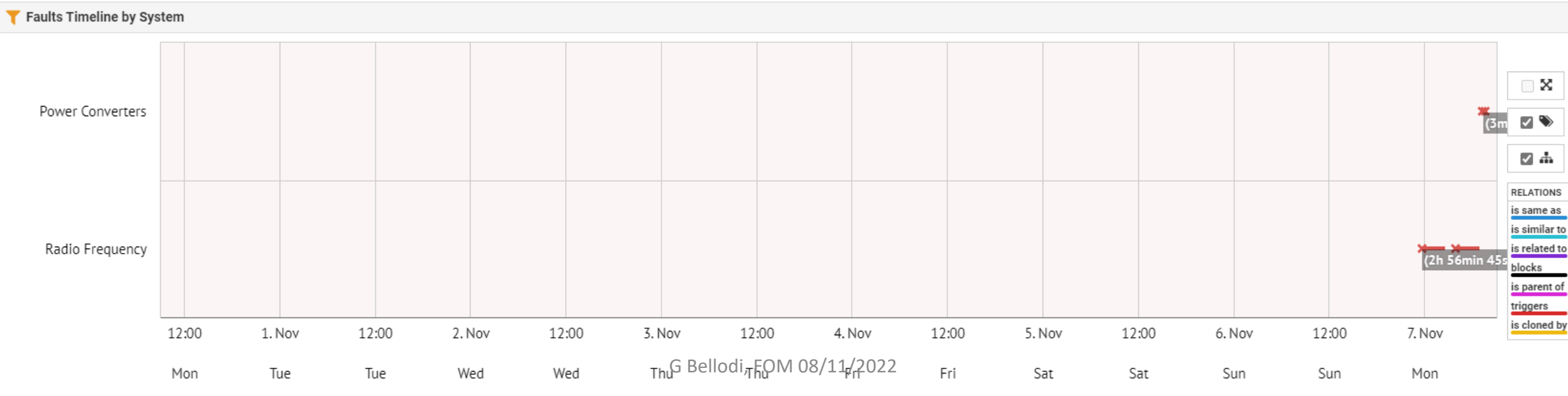
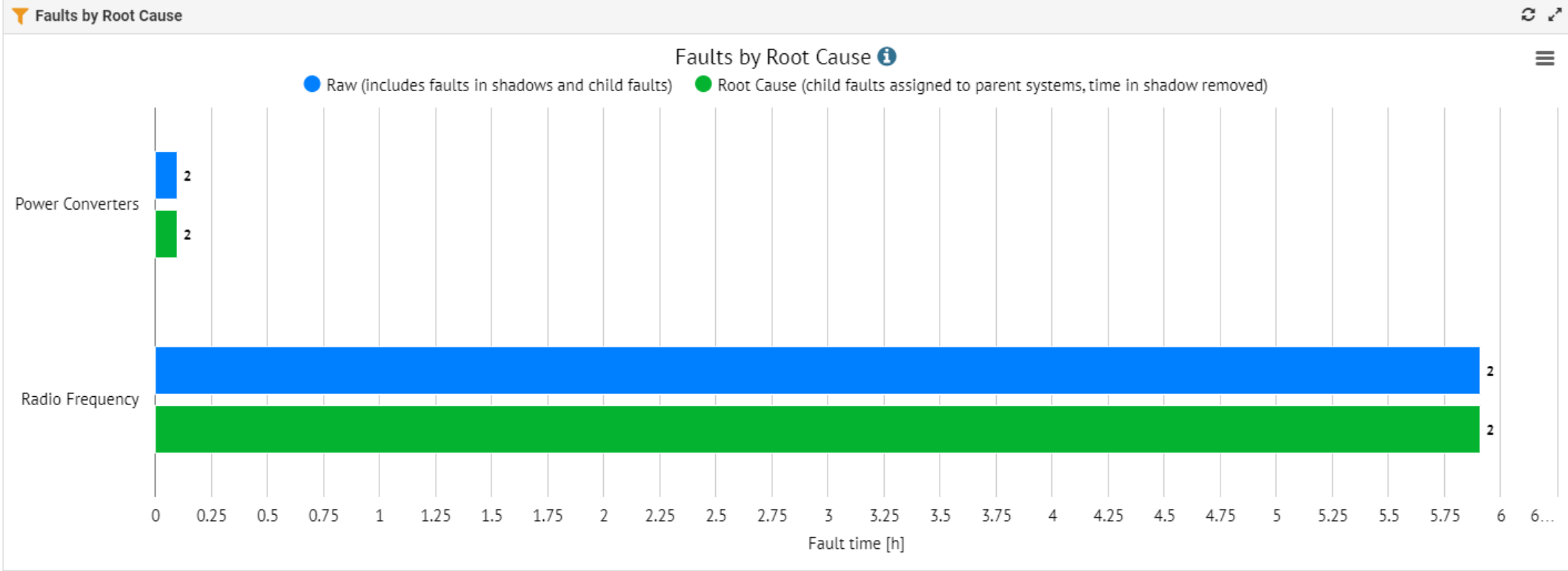
4

Total Faults

4

Fault Duration (overlap excluded)

6.0h



Beam downtime

RF controls PLC communication problem:

1. 23h40 → 02h35 (3h)

The problem came from a serial link between all the PLC that for an unknown reason got blocked apparently at the RFQ. This propagated to all RF PLCs and blocked them as well.

RF Piquet had to reset all PLC one by one.

2. 03h50 → 06h50 problem re-occurred (3h)

In both cases the problem was fixed after cutting the 24V (power cycle the crate) and rebooting all PLCs. In case of recurrence a more solid mitigation strategy will need to be thought of.

In the shadow of this intervention DTL1 ventilation fault was also fixed.

2 L4L.RCH.111 converter trips (5')

