



PS Status w48

K Hanke
MSWG 30 November 2018

638

25

861

1078

37

2

U18

Monday 26th 00:00 – Friday 29th 10:00

49.5%

Blocking Faults

9

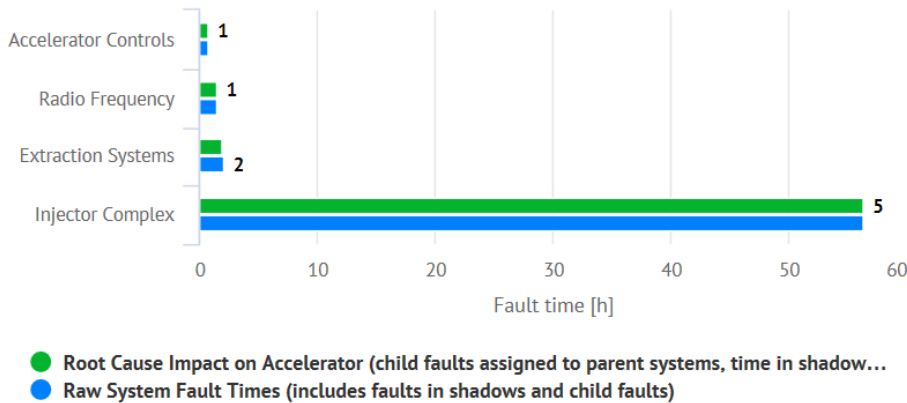
Total Faults

10

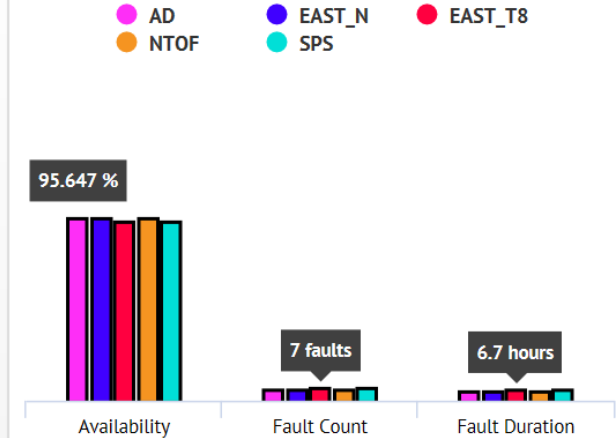
Fault Duration (overlap excluded)

76.5h

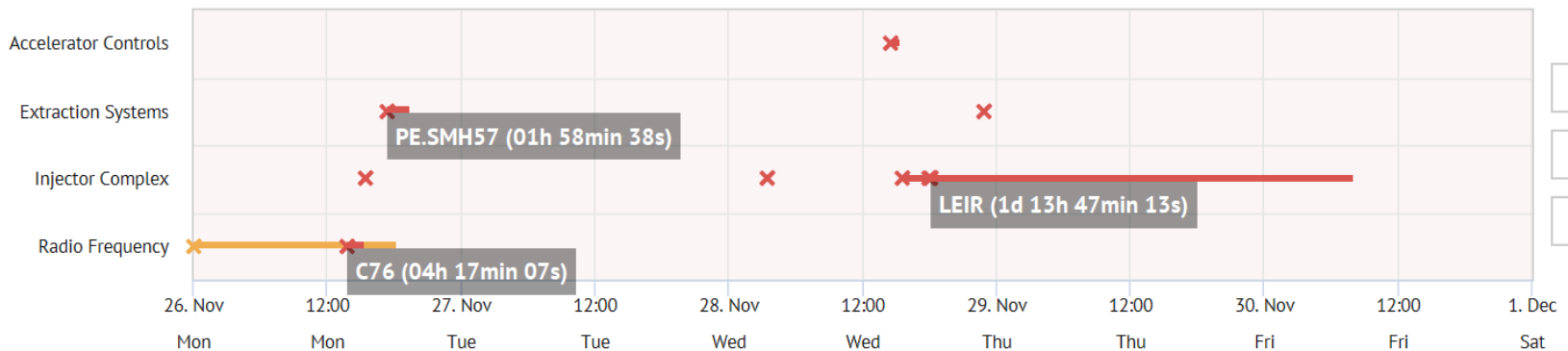
System Downtime Vs Accelerator Impact



PS Availability by Destination



Faults Timeline



Main Issues

- Main contributor to down time injector complex
- Access/investigations for C76, was eventually found to be a short circuit on a cable which could be fixed without requiring another access
- 2 h down time due to trip of septum 57, ABT expert called, then EPC piquet, several local resets removed the external condition
- Wednesday 14:30 (planned) timing intervention for 45'
- Since then no multibunch beams from LEIR (Early OK)
- Thursday 29 November 06:00 planned Linac3 source re-fill, beam back around 15:00; LEIR problem still present
- KFA71 trips frequently, experts are having a look

Beam Status

- Since the timing intervention on Wednesday 28/11 AWAKE destination no longer possible; the MTG destination AWAKE is not available in LEIR but in PS and SPS; this prevents injection into the PS
- EARLY OK
- Other multi-bunch beams OK