

Brief PS status 15 August 2017

Frank Tecker, on behalf of PS operations and supervisor team

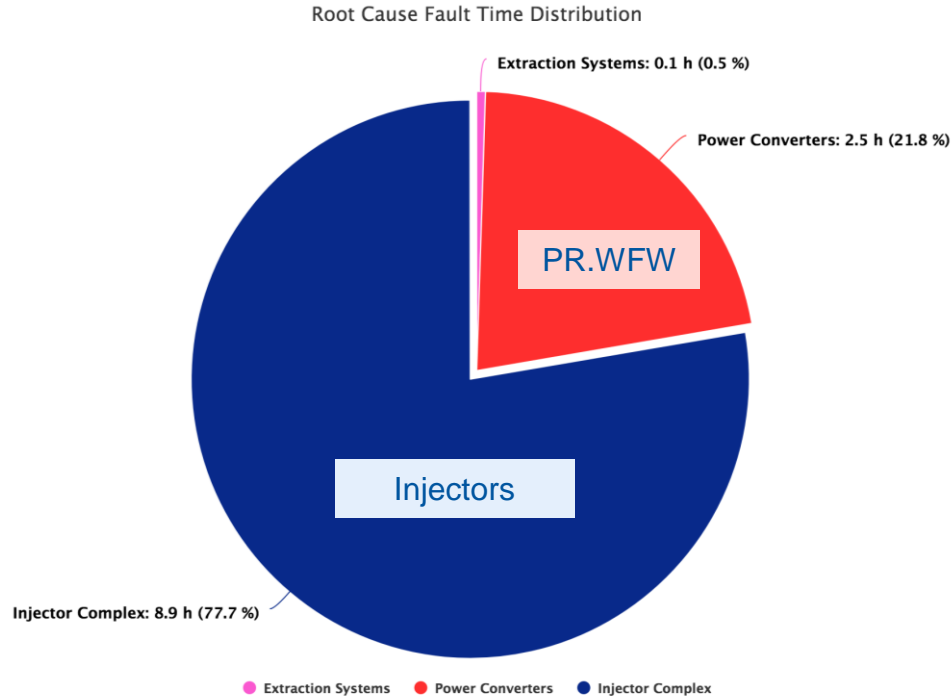


PS main issues

Availability 93.1%

- Injector complex
- PFW (WFW) trips (1:45)
- C80-88 cavity (2:30) – non-blocking
 - caused a longitudinal tail in the LHC beam
 - beam could be used anyway.
- F61.DVT02 power converter (0:30)
 - stopped the EAST beams
- Scheduled access (2:30)

PS Fault Breakdown



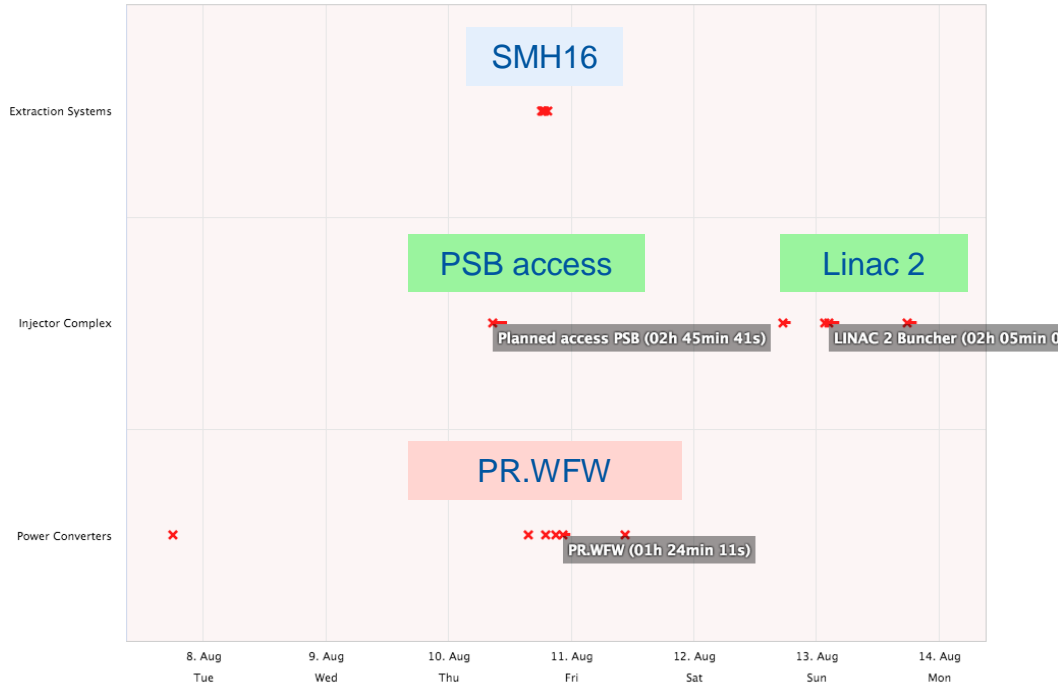
• Beams available/delivered:

- LHC 25ns 12b, 72b, BCMS 12/48b, 4b
- LHCindiv, LHCprobe
- HiRadMat, Awake
- MTE (~1.6e13 delivered)
- TOF (dedicated and parasitic)
- EAST_North
- EAST_IRRAD-CHARM

- Multi Harmonic Sources (MHS) RF synchronisation to PSB being deployed on operational beams
- Wirescanner 64V has the wire broken

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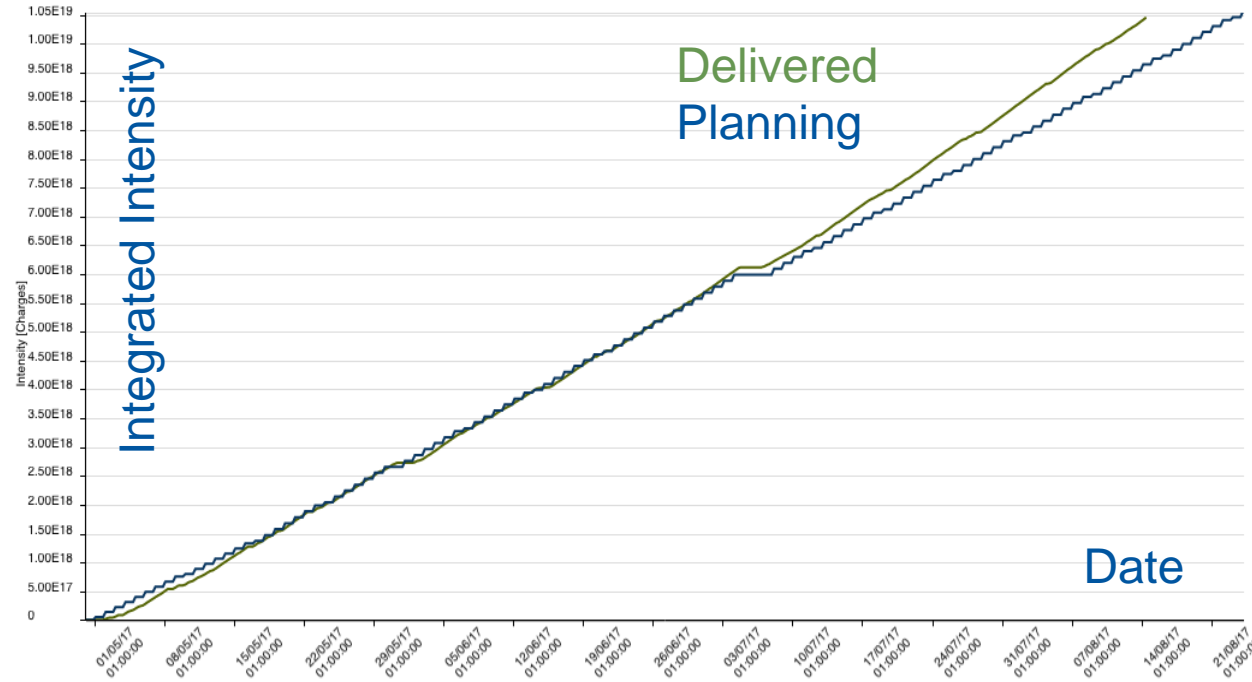


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NTOF integrated intensity (14/08/17)

- **1.04×10^{19}** pot delivered up to now
- 7.9% ahead of planning
- This is **56.2%** of the total intensity forecasted of **$1.85 \text{ e}19$** pot





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