

Brief PS status 2 June 2017

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PS status – Beams delivered

- LHC 25ns 12b, 72b, BCMS, 4b
- LHCindiv, LHCprobe
- HiRadMat, Awake
- MTE (1.2e13 delivered – up to 2e13 prepared)
- TOF (dedicated and parasitic)
- EAST_North
- EAST_IRRAD-CHARM

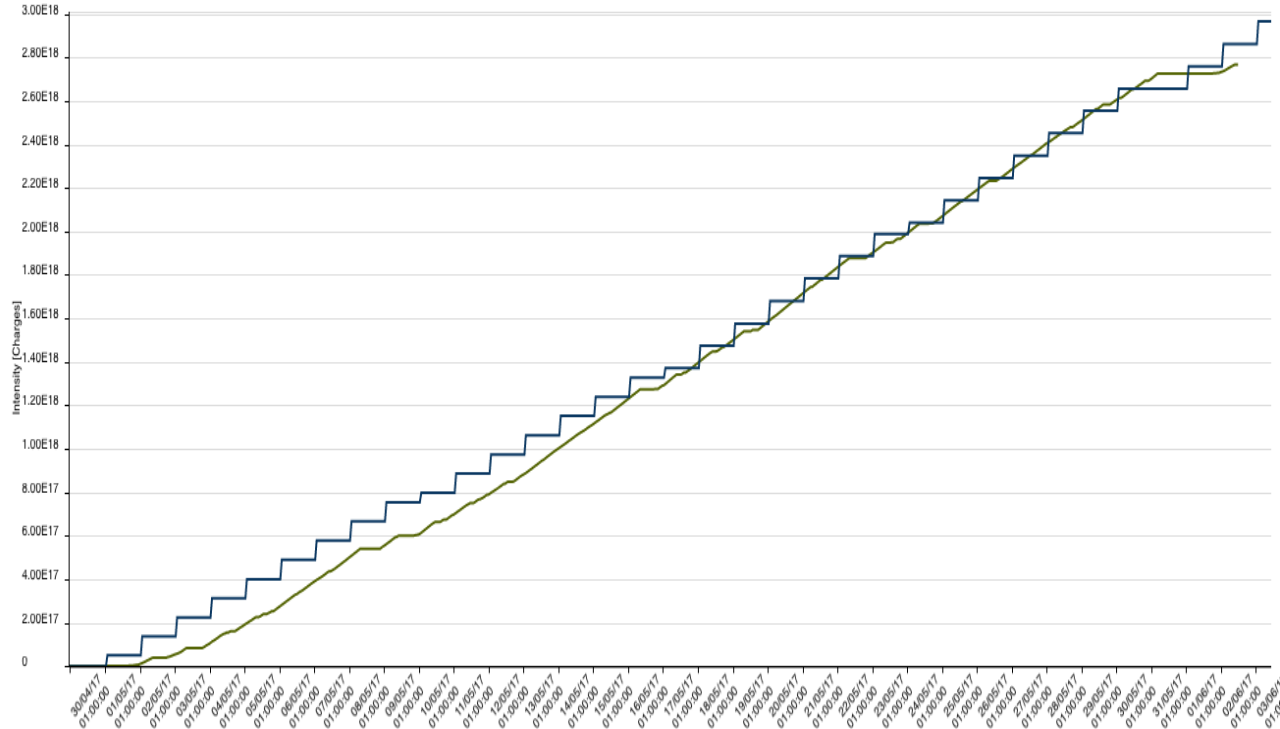
- Since restart degraded beams as PSB R2 missing
- Mitigating
 - LHC 25ns set up with 3 + 3 rings
 - NTOF from PSB R3 => 700e10

PS Status - MDs

- tune and chromaticity knobs from LSA
 - Worked for PFWs
 - Need to be finalized for low energy quads
- stability study of B-train at injection of LHC beams
- study of LHCINDIV beam without gamma jump
- POPS regulation with WhiteRabbit checked
- 5/10kHz ripple optimisation on PFWs not done due to PFW settings problems

NTOF integrated intensity

- **2.86×10^{18}** pot delivered up to now
- This is **15.5%** of the total intensity forecasted of **$1.85 \text{ e}19$** pot





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