

# PS status 25 October 2018

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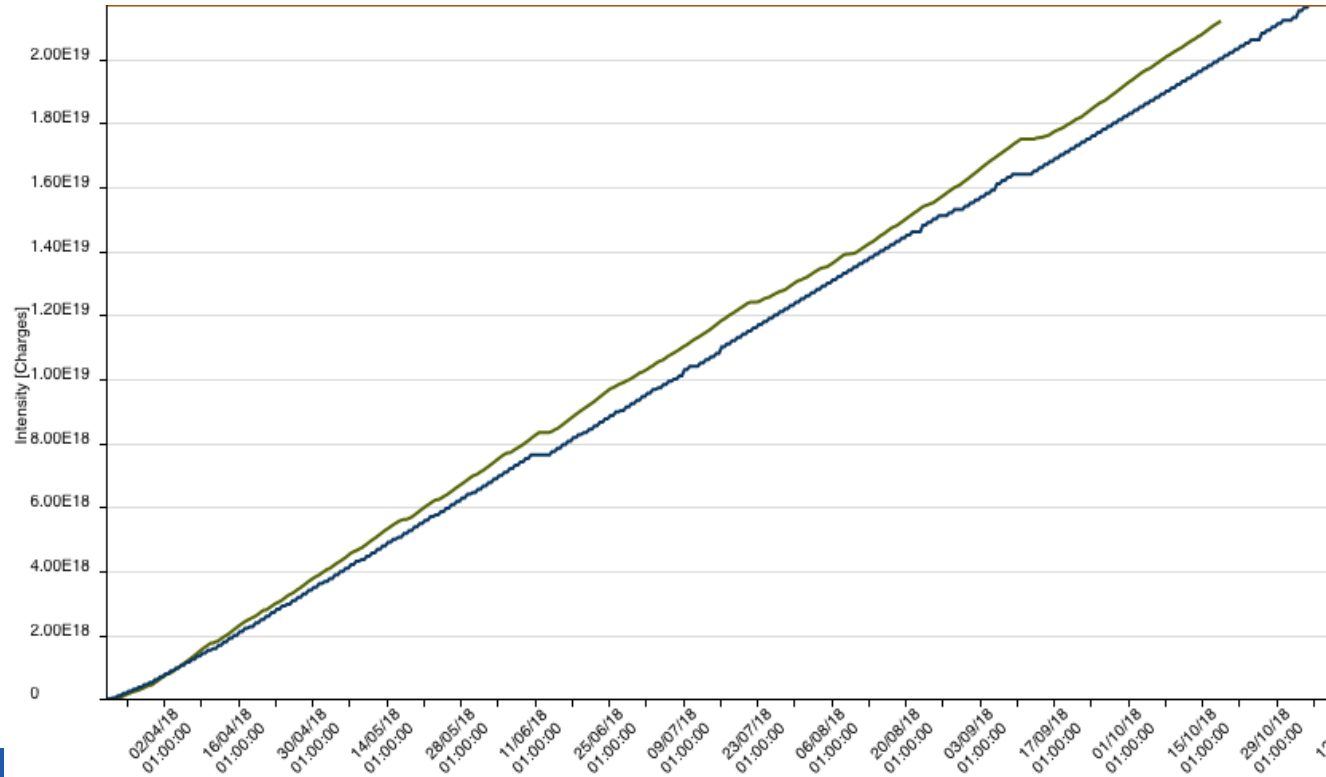
# PS Complex Issues

- **Good week with 95% availability**
- Access system issue in EAST North T11 last Wednesday to Thursday
  - Solved by intervention on Thursday morning (10 hours downtime for T11)
- Door YEPZ02.SWY=351 between Linac3 and Switchyard forced
  - patrol required (3 h downtime)
- Bumper PE.BSW14 problem due to half-broken door contact as origin
  - 5 hours downtime for all fast extracted and fixed target beams
- 10 MHz Cavity C81 (3.5 hours non-blocking)
- Some trips of PFWs and POPS
- Supercycle very dense (LHC MDs, Ions)
  - trying to keep EAST contribution high



# NTOF

- $2.12 \times 10^{19}$  pot delivered up to now
- ~6% above estimated intensity
- This is **97%** of the total intensity forecasted of  $2.17 \times 10^{19}$  pot
- Test of time structure with WCM foreseen today



# Status of beams

Fixed target beams	Status	Comment
EAST Irrad/North with nTOF Parasitic	Operational	
MTE	Operational	to SPS $\sim 1.5 \cdot 10^{13}$ ppp (tested $1.8 \cdot 10^{13}$ )
TOF	Operational	Up to $\sim 8.5 \cdot 10^{12}$ ppp
AD	Operational	$\sim 1.4 \cdot 10^{13}$ ppp sent to AD
LHC-type beams	Status	Comment
LHC PROBE, LHC INDIV	Operational	
LHC25 (12b, 72b)	Operational	
LHC25 BCMS (12b, 48b)	Operational	



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