

# PS status 27 September – 4 October 2018

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# PS status 27<sup>th</sup> September – 4<sup>th</sup> October

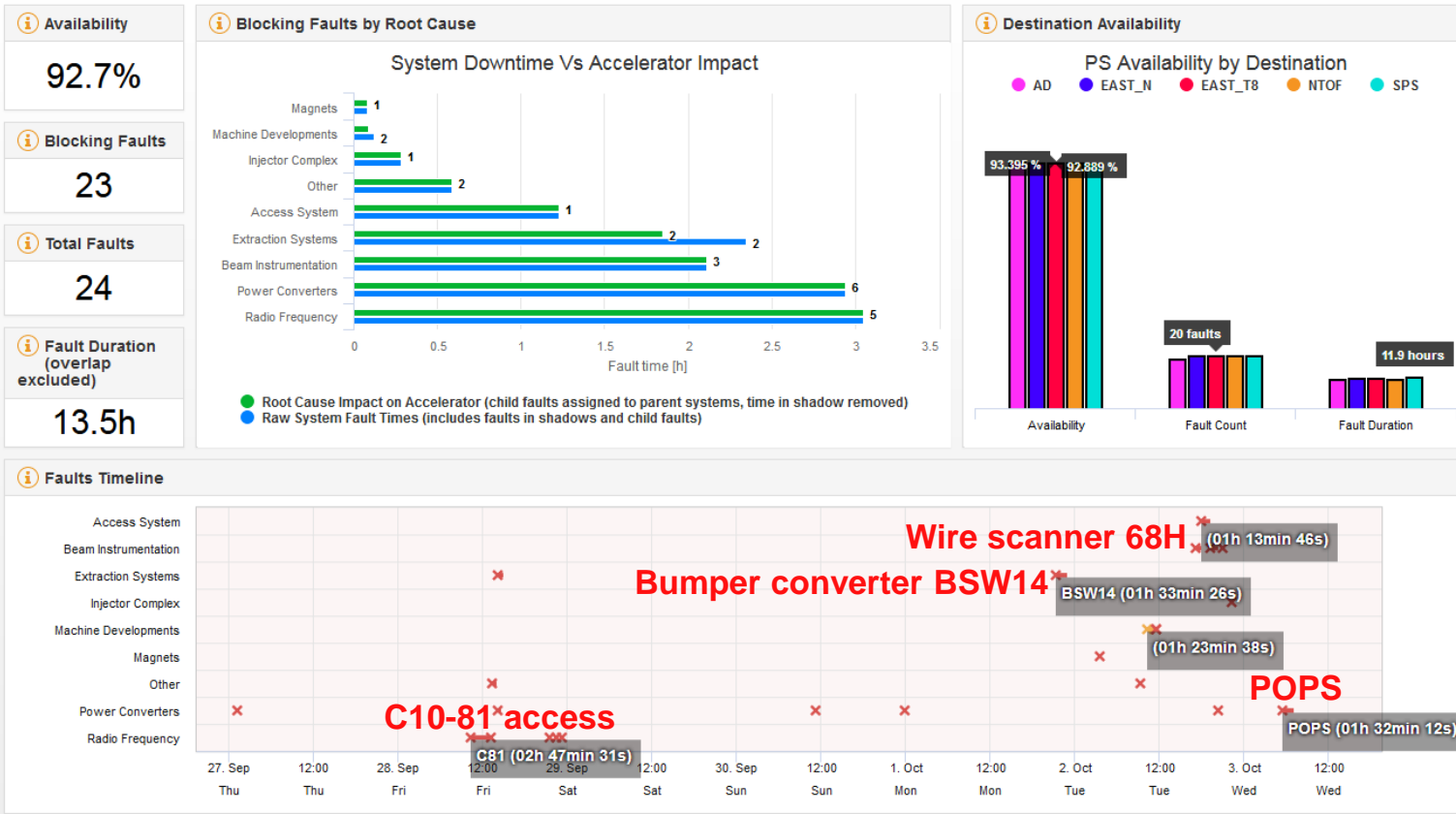
→ **Average week for the PS Complex with about 92.7% beam availability**

- Stop to repair 10 MHz cavity on Friday morning
  - **Final amplifier of C10-81 exchanged (and C10-11 repaired)**
  - **Further interventions in parallel**
  - **3h00 downtime** in total for all beams
- EAST (SMH57) and MTE (KFA21) ejection elements
  - **Difficulties to restart**
  - **0h30 downtime** for EAST beams
  - **0h50 downtime** for MTE beam

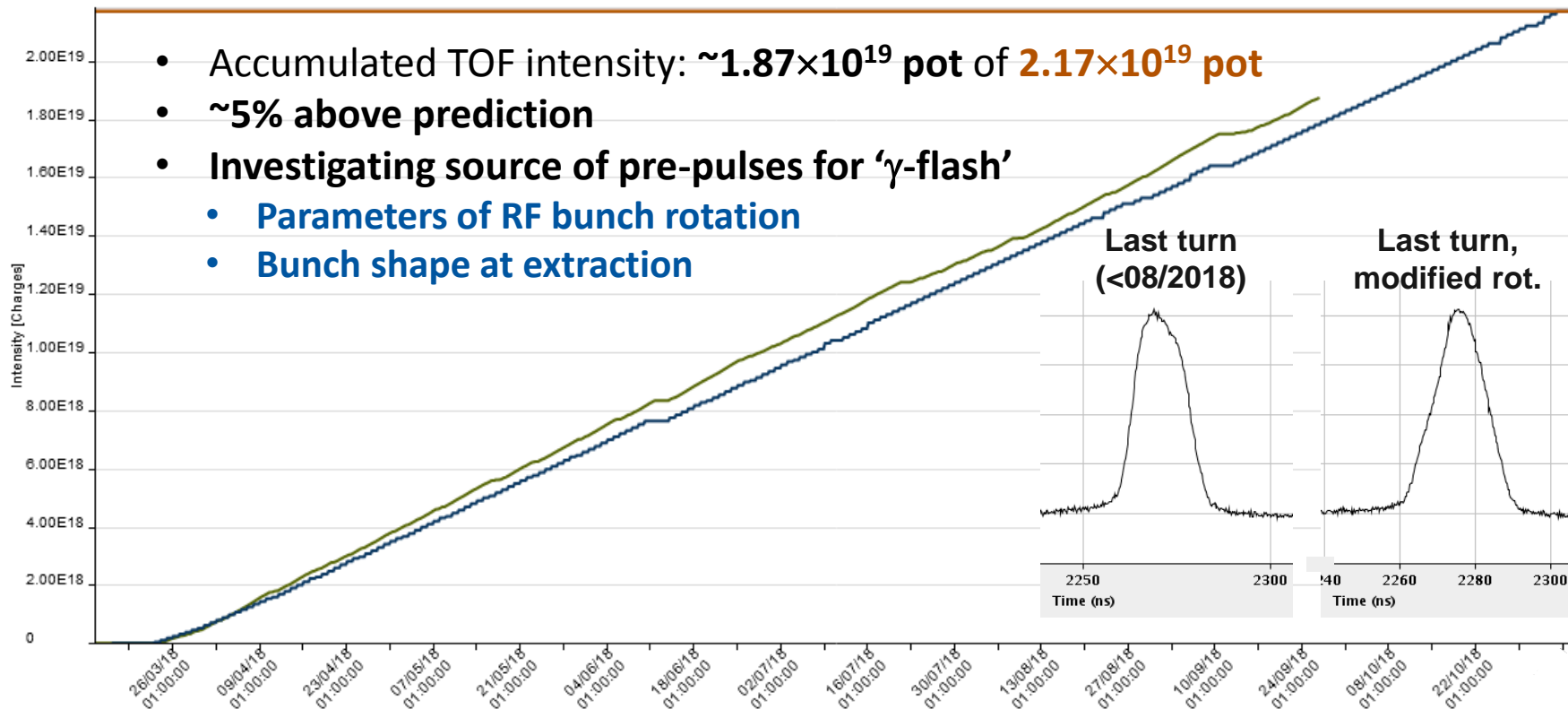
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- Horizontal wire scanner in SS68 blocked in undefined position
  - **Access to manually move 68H back out**
  - **Delay due to issue with 'RP veto' of access system**
  - **3h15 downtime** for all beams
- Ejection bumper BSW14
  - **Restart by power piquet**
  - **0h50 downtime** for EAST, **1h30 downtime** for all other beams
- Trips of main power converter (POPS) throughout the week
  - **Five short trips, but impossible to restart on Wednesday morning**
  - **Ventilator issue fixed by power piquet**
  - **2h50 downtime** accumulated for all beams

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# TOF until 3<sup>rd</sup> October



# Status of beams

Fixed target beams	Status	Comment
EAST Irrad/North	Operational	With parasitic TOF $\sim 3.7 \cdot 10^{12}$ p/p
MTE	Operational	Delivered to SPS at $\sim 1.55 \cdot 10^{13}$ p/p
TOF	Operational	Up to $\sim 8.2 \cdot 10^{12}$ p/p (intermediate flat-top)
AD	Operational	No beam (electron cooler problem)
LHC-type beams	Status	Comment
LHC PROBE, LHC INDIV	Operational	
LHC25 (12b, 72b)	Operational	
LHC25 BCMS (12b, 48b)	Operational	