

PS status 24 – 31 May 2018

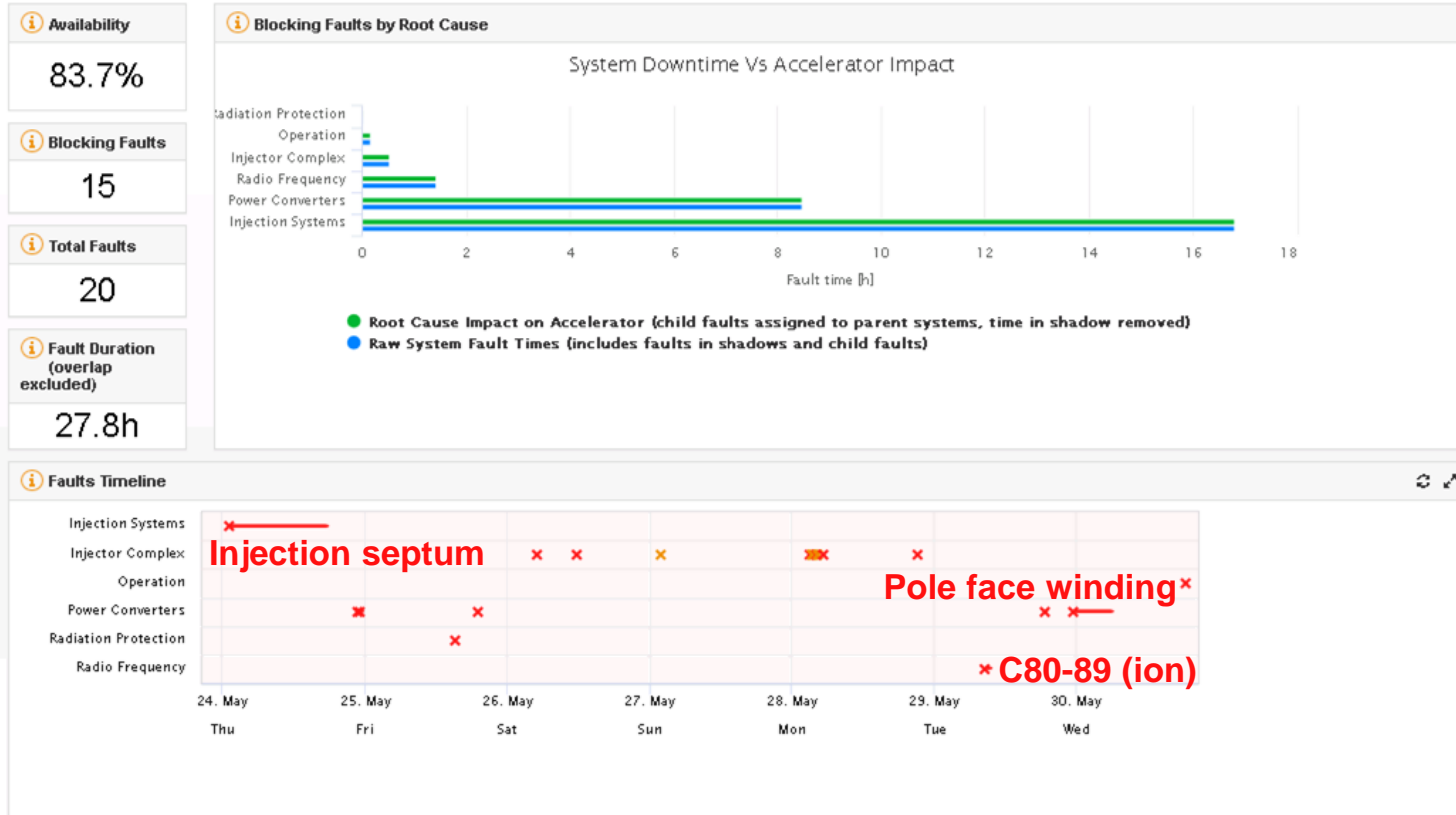
A. Guerrero, H. Damerou on behalf of PS operations and supervisor team

PS status 24th – 31st May

→ **Difficult week for the PS Complex with about 84% beam availability**

- Injection septum breakdown on Thursday
 - **Broken stripline connection and damaged feedthrough**
 - **All day intervention in the PS tunnel to repair**
 - **16h45 downtime** for all beams
- Pole face power converter PR.WFW down on Tuesday-Wednesday
 - **Intervention by Piquets and specialist**
 - **Auxiliary power supply of main dB/dt compensation exchanged**
 - **6h50 downtime** for all beams
- No user beams in PS during Wednesday MD (10 h), exception: **low intensity TOF**

PS status 24th – 31st May



Status of beams

Fixed target beams	Status	Comment
EAST Irrad/North	Operational	With parasitic TOF
MTE	Operational	Delivered to SPS at $\sim 4 \cdot 10^{12}$ ppp
TOF	Operational	Up to $\sim 7.5 \cdot 10^{12}$ ppp
AD	Operational	$\sim 1.44 \cdot 10^{13}$ ppp (back to nominal)
LHC-type beams	Status	Comment
LHC PROBE, LHC INDIV	Operational	
LHC25 (12b, 72b)	Operational	
LHC25 BCMS (12b, 48b)	Operational	

TOF until 30th May

● Achieved ● Planned ● Requested 2018: 2.17e19 ● Achievable 2018: 2.17e19

