



LLRF & TFB WP READINESS FOR L4 CONNECTION IN 2016

Low Level RF

- RF Interlocks for BIS planned end 2016: **OK for 2016**
- Injection timing / synchronisation with L4:
 - Fiber optic links L4 to PSB LL installed, interfaces yet to be decided: **OK for 2016**
 - Fiber optic links PSB LL to timing crate ordered, interfaces yet to be decided: **OK for 2016**
 - Software (DSP, FPGA, FESA) development for injection from Linac4 due Jan 2016: **OK for 2016**
 - Discussions with L4 RF team & operations ongoing for details: **OK for 2016**

TFB

- 800W Power amps, new pick-up head amplifiers and new digital electronics planned end 2016: **OK for 2016**

New RF Bypasses

- What's required for new injection sector only requires supplying passive RF components: **OK for 2016**
- Desirable to have a number of sectors (~3) also equipped with new RF bypasses during YETS 2016 to test bypasses, discussion with vacuum group as to how to proceed required: **OK for 2016?**
- Rest of machine will be equipped in LS2: **OK for 2016**