

Present: R.Assmann, B.Dehning, B.Goddard, M.Lamont, R.Schmidt, J.Wenninger, J.Uythoven, M.Ferro-Luzzi

LBDS

- Spontaneous triggers for TSU-B were observed for both beams. A lot of work has been done together with colleagues from the BIS – Team to understand the observations. Some of the problems are related to the code update, triggered by the external review.
- The code was reverted to the 2010 version, but there were still latch-ups of the system observed, requiring expert reset.
- The interface cards (CIBO) will be exchanged.
- The current understanding is that there are no risks for the safety. The questions will be re-addressed beginning of next week.

Intensity ramp-up before the technical stop

- An intensity ramp-up is required due to changed beam parameters (new bunch spacing 75 ns, beta squeeze to 1.5 m), because of e-clouds to be expected at some stage and many other changes performed during the technical stop
- Start luminosity operation with 3 bunches per beam (first collisions), to get experience with the full operational procedures from injection to stable beams
- Intensity steps with 32 bunches, 64 bunches, 136 bunches and 200 bunches
- The baseline is as last year, three fills per step, in total 20h
- Approval for the transition from one step to the next step is with the lists already used last year
- rMPP might propose to reduce the number of fills or the total number of hours for a step, if everything goes very smooth, thus introducing some flexibility

AOB

- There will be a modification of the orbit feedback that will be triggered by the timing. This will be introduced not before next week.
- Ralph pointed out changes to software for systems related to Machine Protection should be announced and possibly be approved (still to be discussed how). This concerns certainly software for the Beam Dumping System, Interlocks Systems, Beam Loss Monitors and Collimation System, but possibly also other systems, where the link to machine protection is less obvious (e.g. feedback systems, in particular orbit feedback)
- Commissioning of the MP systems: a lot has been done, and it is required to fill the steps in the WEB page. All tests should be confirmed before operation with more than 3 bunches. The test results for the collimation systems are stored in MTF, and it is proposed that Adriana Rossi presents this approach and test results to MPP.
- The position of the TOTEM Roman pots during this run was discussed. In particular in the horizontal plane this is critical due to asynchronous beam dumps when a bunch could hit the Roman pot. The beam size at one horizontal pot is very small (150um). Therefore the position should not be less than, say, $15-16\sigma$, to be confirmed.