



Tracking and revalidation of MPS changes in 2011 and beyond

M. Zerlauth

MPP

March 25th 2011

- First proposal of tracking changes
- How to define critical components and required recommissioning

- ... discussed and requested since quite some time, still we never quite got around to do it (yet)
- Entering more stable operational phases, with less presence of MPS experts: Procedures need to be clear and well
- To maintain the dependability of the MPS throughout the whole year (as qualified after the beam commissioning):
 - Changes to MPS components need to be tracked (during TS & operation) → First start on [MPS website](#)
 - Changes of safety critical MPS components need to be revalidated before resuming operation (for both software and hardware components) → Needs discussion with system experts to identify critical parts that **MUST** not be touched without proper revalidation
 - Responsibilities for transitions into and from MD periods, technical stops need to be clearly defined → See proposal of Jorg

- ... Please let us know about any relevant change you plan (or had to do) to your system to add it to the MPS site (awaiting a better tracking tool)
- Propose to produce a common EDMS document, where we'll list the safety critical components of the core MPS systems and the re-validation needed in case of changes (both individual system tests as well as 'global' tests such as e.g. test-ramps, etc...)
 - To be endorsed by LMC to make sure to withstand the pressure not to proceed with operation until all required tests are done
 - Volunteer to define and present such a list for the MI systems in an upcoming MPP meeting
 - All relevant systems (LBDS, BLM, COLL, ...) will be asked to do likewise

Thanks a lot for your attention

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