

## Minutes of 4th Collimation Remote Commissioning Meeting, 22nd of August 2014

**Participants:** R.Bruce (RB), R.Giachino (RG), S.Redaeli (SR), B.Salvachua (BS) and G.Valentino (GV).

### Following up of previous actions and general summary

- **Temperature sensors (AM):** to be addressed.
- **Test of configuration DB (DJ, GV, BS):** COLLFLATS (detailed flatness data) is filled for most of the new collimators, on-going. BPM data needs to be updated, now we have default values.
- **List of available collimators in the tunnel (AM):** TCL.4R1.B1, TCL.5R1.B1 and TCL.6R1.B1, plus IR3 collimators:
  - TCLA.6L3.B2
  - TCLA.6R3.B1
  - TCLA.7L3.B2
  - TCLA.7R3.B1
  - TCLA.A5L3.B2
  - TCLA.B5L3.B2
  - TCP.6L3.B1
  - TCP.6R3.B2
  - TCSG.4L3.B2
  - TCSG.4R3.B1
  - TCSG.5L3.B1
  - TCSG.5R3.B2
  - TCSG.A5L3.B2
  - TCLA.A5R3.B1
  - TCLA.B5R3.B1
  - TCSG.A5R3.B1
  - TCSG.B5L3.B2
  - TCSG.B5R3.B1
- **Availability of test stand in bld. 272 (AM):** ok. SR proposed a **talk in the Collimation Working Group (GV)**. This will be used just for tests on BPM software, not for OP.
- **HWC note and MPS note (BS):** S.Chemli has released 3 documents on HWC of collimators: HWC commissioning note, MPS procedures and Requirement Tolerances. SR points out that the **commissioning of the 5th axis** is not included in these documents and asks for an action on AM to prepare the procedures and to tests all collimators with motors on the 5th axis.
- **Update of logging parameters (BS):** BS asked M.Donze about any extra parameters that need to be logged. Next week they will review the list, in particular the expert parameters might have changed. SR points out that M.Donze should synchronize all properties of the Post Mortem DATA (**action BS, MD**).

- **Send functions to collimators:** BS reports that the function for the dump thresholds was not being executed. The reason seem to be that the energy and beta-star limit was reached. The energy limit is set to -100000mm so it is reached always. While executing a test ramp the collimator was stopped when reaching the limits (as the limits were constant). MCS access does not seem to work, this prevent us to change the limits (**following up BS**). RB has prepared a function to import. We will check the import of the function next week, as this week we still have problems with the setting of the limits.  
<http://elogbook.cern.ch/eLogbook/eLogbook.jsp?shiftId=1056528>
- **MCS role for BS, GV and DJ (action SR):** Done for BS and GV, but the role does not seem to work. BS is following with LSA team.
- **Modification of Alarm display:** action BS follow with Georges-Henri but no action for the moment.
- **Movement of collimators in Tunnel:** action SR follow up.
- **Collimation applications (GV):** GV has released the applications to control collimators and the collimator fixed display. They are now working from the CCC. SR asked GV to organize a tutorial at the end of the year for collimation.
- **Preparation of the note collecting changes on the operational settings:** SR proposed GV and BS to collect information for a note on the history of collimator settings. GV will check first the note from Jorg on the Operational Conditions.

**Main goals for the next weeks:**

- Monitor of the logging
- Execution of several consecutive RAMPs on several collimators
- RBAC roles