Minutes of 2nd Collimation Remote Commissioning Meeting, 1st of August 2014

Participants: R.Bruce (RB), R.Giachino (RG), G.Hemelsoet (GH), A.Masi (AM), S.Redaelli (SR), B.Salvachua (BS), G.Valentino (GV)

Following up of previous actions and general summary

- **Temperature sensors (AM):** to be addressed.

- **Test of configuration DB (DJ, GV, BS):** GV comments that the DB has been configured and populated with the mechanical-end stops and default values for the BPMs are available. The only part missing is the COLLFLATS (detailed flatness data) but this is not needed for the test.

- **List of available collimators in the tunnel (AM):** SR asks about the availability of collimators in the tunnel. AM replies that no collimator can for the moment be released for remote operation as it is, as STI tests are still on-going. Until this is the case, operational tests from the CCC should be organized by synchronizing with the STI control team: a number of collimators can temporally be made available when needed.
  SR asked AM if he can provide a table with a few points to be checked in the new software.

- **Availability of test stand in bld. 272 (AM):** AM provided the test stand and GV is doing tests of the software since few weeks ago. GV informs that now we are able to send movement commands (not functions) to the collimator at the rate of 50Hz (previously it was 8Hz). We still need to test if this rate can be achieved on the collimators in the tunnel. GV contacted the BLM to check if they can also increase the BLM rate. **SR proposes GV to give a talk in the Collimation Working Group.**

- **HWC note and MPS note (BS):** BS circulated the draft of HWC but did not get many feedback. She will circulated again. On the MPS, BS is collecting the list of tests to update the note. The outline of the note has been discussed with SR.

- **Update of logging parameters (BS):** BS will discuss with M.Donze, but A.Masi points out that the parameters did not change. AM requests to turn on the logging as soon as possible for the commissioning. BS and GV will contact the logging team for that **(action).**

- **Send functions to the TCTP prototype:** For this we need the parameters generated. RB asks for energy versus time to generate the functions (action DJ when she is back). Rossano asks how to organize this. SR outline the preparation of the test:
  - Settings definitions
  - Generate functions (when we have momentum vs time)
  - We can start with RAMP functions
  We can start end of August or beginning September to test. BS will take a real sequence and will make parking sequence, etc.

Modification of Alarm display

Georges-Henri informs that the main change is that we will have an alarm by mode, the aim is to provide the alarm when OP could react. They plan to exclude the alarms that dump the beam, since this is analyzed in the post-mortem.

BS will follow up the alarms for collimation.

AOB

SR asked J.Coupard about the procedure of moving collimators in the tunnel. She suggested to ask Katty. Rossano points out that is better to ask the corresponding DSO, either TE DSP (T.Otto) or EN DSO (J.Pedersen) **(action SR).**

Main goals for the next weeks:
- Start of the logging
- Preparation of the RAMP cycle