

**RAT** Réunion Avancement Travaux **Beam Dump System**  
HARDWARE COMMISSIONING COORDINATION

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**Next meeting:**  
**Tuesday November 6<sup>th</sup>,**  
**10:00 building 2685.**

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**October 30, 2007, 10:00 - Point 6**

Present: Alain Antoine, Vincent Baglin, Etienne Carlier, Brennan Goddard, Bernard Henrist, Baptiste Lebeau, Fabien Olivieri, Mirko Pojer, Laure Sandri.

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MILESTONES FOR COOL-DOWN OF SECTORS 5-6 AND 6-7 - Preliminary dates.

- Cool-down start of sector 5-6 in w.46:
  - **access forbidden** for the 300 K-80 K phase (nearly 3 weeks)
- Cool-down start of sector 6-7 in w.48:
  - **access forbidden** for the 300 K-80 K phase
- The Electrical Quality Assurance will normally be performed one week before the cool-down. Possible interferences between pulsing and EIQA measurements have to be analysed as well as interference with the cryogenic instrumentation.

**IMPORTANT: the system MKD63-MKB67 has been de-condemned and is now back to operation; the system MKD67-MKB63 will stay condemned for the whole w.45.**

ALIGNMENT OF COMPONENTS IN THE AREA

- During the past week the following components have been measured/aligned:
  - The MKDs63 have been aligned
  - The MKDs67 have been measured
  - The alignment of TCDQs63 has started
- During this week (w.44) the following activities are foreseen:
  - Completion of alignment of TCDQs63 [**action Laure**]

- Test of movement of TCDQs63 [**action Win and Etienne**]
  - Alignment of MKBs63 on Thursday/Friday [**action Laure**]
  - By the end of the week, the MSDs will be also aligned [**action Laure**]
  - NORISKO will make a verification of the differential protection on the 1<sup>st</sup> beam generators.
- Next week (w.45), the following activities are foreseen:
- On Monday/Tuesday, alignment of MKDs67 [**action Laure+VAC**]
  - On Tuesday/Wednesday/Thursday, alignment of BPMs [**action Laure+VAC**]
  - On Friday, verification of alignment of TCDQs after movement [**action Laure**]
  - The Beam Dump Line in 6L should be completed by the end of w.45 [**action Bernard**].
- On w.46, the following activities are foreseen:
- BLMs installation on Q4 and Q5 [**action Bernd**]
  - Alignment of TCDQs67 [action Laure]
  - Test of movement of TCDQs67 [**action Win and Etienne**]
  - The Beam Dump Line in 6R should be completed by the end of w.46 [**action Bernard**].

N.B. One day will be allocated to install the pumping units on the extracted beam close to the MKBs67 (either on w.47 or on January) and for re-alignment of the Beam Dump Line close to the MKDs63 [**action Bernard, to be reviewed after material availability**].

#### TEST ACTIVITY

- The tests on the 1<sup>st</sup> beam (MKDs63/MKBs67) have been restarted.
- The tests on the 2<sup>nd</sup> beam (MKDs67/MKBs63) will re-start on week 46.

**Mirko on behalf of the Hardware Commissioning**