

**Next meeting:**  
**Tuesday September 11<sup>th</sup>,**  
**10:00 building 2685.**

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**August 28, 2007, 10:00 - Point 6**

Present: Etienne Carlier, Francesco Castronuovo, Ali Day, Laurent Ducimetiere, Brennan Goddard, Baptiste Lebeau, Gerard Pasteur, Mirko Pojer, Guy Salomon, Win Weterings.

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

- Pressure test in sector 5-6 at the end of w.38:
  - **access will be forbidden** starting from Friday 14 around 14:00 till Sunday night.
- Cool-down start of sector 5-6 in w.43:
  - **access forbidden** for the 300 K-80 K phase (nearly 3 weeks)
- Pressure test in sector 6-7 at the end of w.40:
  - **access will be forbidden** starting from Friday 28 around 14:00 till Sunday night.
- Cool-down start of sector 6-7 in w.45:
  - **access forbidden** for the 300 K-80 K phase
  
- The Electrical Quality Assurance will normally be performed one week before the cool-down. Possible interference between pulsing and EIOA measurements have to be analysed as well as interference with the cryogenic instrumentation.

PLANNED INTERVENTIONS IN THE AREA

- The displacement of the electrical distribution box interfering with the dump line and with the MKBs will be completed by the end of this week.
- A non-conformity for a plugging box on the floor close to the TCDO was discovered, which will be solved this week. A conformity inspection will then be done by Guy Salomon.
- Due to some leaks discovered, the bake-out of the following sectors is postponed:

- 4L6 will be done on w.36-37;
- IP6 will be done on w.38-40.
- Due to the delay in bake-out, the tests of TCDQs have to be postponed: they will be performed at the same time on both sides of point 6, with priority for left side. A team of geometers will be on the field. It is necessary that the beam dump line is aligned above the TCDQs.
- The beam dump line installation has restarted and will be completed by w.41.
- The beam dump reserve blocks will be transported on w.41 (two days are needed); the week before the roof will be opened. After transportation, the door at the centre of IP6 will be installed.
- Warm magnets will be tested on w.36-37; the protection measures will be decided after the VIC.

Summary of the activities for the next weeks.

		w.35	w.36	w.37	w.38	w.39	w.40	w.41
Bake-out	4L6 IP6		■		■			
Test of TCDQ	TCDQs.4L6 TCDQs.4R6							■
Beam Dump Line		■						
Reserve Dump Block	UD 62 UD68						■	
Door installation IP6								■
Warm magnets test			■					
Coffrets' displacement		■						

- Baptiste Lebeau will pull a general service cable tomorrow close to the MKDs in RA63.
- Some supports for RAMSES have to be installed close to the MKDs in RA63. Tomorrow the grids will be displaced and the supports fixed.
- All non-conformities observed on the power distribution racks and the electrical equipment of the Beam Dump System have been solved. Pulsing will from now on possible all day long without the continuous presence of somebody on the field. An e-mail with this information will be sent around by Brennan.

TEST ACTIVITY

- The system MKD63/MKB67 has been pulsed synchronously to full energy (7 TeV). Only some non-synchronicities have been discovered on 3 MKDs' generators; the required modifications have been applied and the tests repeated. The analysis of the data taken is on going.

The system is still condemned; confirmation of the de-consignation will be given by Hardware Commissioning, in accordance with the time needed for the installation of the new supports on the MKDs.

- The MKD67 have been de-condemned yesterday and the first interlock tests have been performed; at the end of this week the first pulsing will be done.

The MKB63 are still condemned.

- Etienne will prepare an estimate of the time needed for the testing of the MKD67/MKB63 system based on the experience from the test of the first beam system.

**Mirko on behalf of the Hardware Commissioning**