

**Next meeting:
Tuesday September 25th,
10:00 building 2685.**

September 13, 2007, 10:00 - Point 6

Present: Christophe Boucly, Etienne Carlier, Francesco Castronuovo, Ali Day, Laurent Ducimetiere, Brennan Goddard, Baptiste Lebeau, Ludovic Mourier, Gerard Pastor, Mirko Pojer, Win Weterings, Valentina Zambrano.

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 21 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 October, 5 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 interferences between pulsing and EIQA measurements have to be analysed as well as interference with the cryogenic instrumentation.

IMPORTANT: the systems MKD63-MKB67 and MKD67-MKB63 have been condemned and will stay condemned for the whole w.38.

PLANNED INTERVENTIONS IN THE AREA

- The bake-out of the area will be completed according to this scheduling:
 - IP6-external beam completed by end of w.37

- IP6-internal beam completed by end of w.38
 - (eventually a couple of days in w.39 to remove material)
 - Installation of 2nd beam supports close to the MKDs, 2nd beam and jackets on 2nd beam:
 - MKD-RA67 on 1st half of w.38
 - MKD-RA63 on 2nd half of w.38
 - Bake-out of A4L6 and 2nd beam close to MKDs on w.39 and 1st half of w.40.
- The beam dump line installation has restarted and will be completed by w.41.
- The installation of the new covers on the MKDs in RA63 will be done at the beginning of w.38.
- Radiation monitor system for RAMSES:
- Monday 17 September: Installation of the last detector (PMIL6716) and its support near the MKDs in RA67
 - Tuesday 18 and Wednesday 19: access to all detectors in UD62, UJ62, UJ63, RA63, RB64, RB66, RA67, UJ67, UJ68, UD68 for connection checks
 - Thursday 20, after working hour: access to all detectors in UD62, UJ62, UJ63, RA63, RB64, RB66, RA67, UJ67, UJ68, UD68 for acceptance tests with radioactive source.
- AT/VAC (L. Mourier) will install inox tubes to feed sectorization valves, starting on Monday from right of point 6 and then moving to the left (two days per side).
- Missing cables for the TCDs will be installed (1week and a half needed) after the removal of the bake-out jackets, on w.39. Tests on TCDs and TCDQs will start on w.40. (Dump line MUST be aligned!!!)

Summary of the activities for the next weeks.

		w.38	w.39	w.40	w.41
Bake-out	IP6	[Yellow bar]			
	A4L6	[Yellow bar]			
2 nd beam supports	MKD67	[Green bar]			
	MKD63		[Green bar]		
MKD63 covers		[Blue bar]			
RAMSES radiation m.		[Orange bar]			
Valves tubes	MKD67	[Dark Green bar]			
	MKD63		[Dark Green bar]		
Test of TCDQ	TCDQs.4L6			[Purple bar]	[Purple bar]
	TCDQs.4R6			[Purple bar]	[Purple bar]
Beam Dump Line		[Light Blue bar]			
Reserve Dump Block	UD 62				[Green bar]
	UD68				[Green bar]
Door installation IP6					[Red bar]
Warm magnets test			[Pink bar]		

- To be confirmed: 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.39-40.
- The stairs for the UD caverns will be probably installed after the powering tests. At this moment, in fact, the magnets will be cold, but there will be no pressure in the helium line.

TEST ACTIVITY

- The second beam system (MKD67/MKB63) has been pulsed to 450 GeV: interlock and signals measurements are correct. They are now ready to be pulsed up to 7 TeV.
- The synchronization error on first beam system (20 nsec) is still being correct.
- All systems for tracking are being deployed between
- 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