

13 April 2007 08:30 in 2889-R-009

Present: AB/CO: A. Castaneda, M. Zerlauth, M. Koratzinos,  
R. Harrison  
AB/OP: L. Ponce  
AB/PO: D. Nisbet, H. Thiesen, P. Fraboulet, F. Bordry  
AT/MEL: D. Bozzini, V. Chareyre, G. Kirby, KH.Mess  
AT/ACR: R. Rabehl, F. Millet, A. Perin, S. Koczorowski  
AT/MTM: A. Siemko  
DL/ASTEC: L. Fernandez  
LHC/TC: P. Proudlock  
TS/HDO: R. Saban, B. Bellesia, A. Vergara, MP. Casas Lino,  
J. Etheridge

## Sector 78

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- F. Millet reported on cryo progress: An attempt to pump down to 15mbar failed yesterday; same reason as before suspected. The sector is now in cold stand-by mode. An effort to evaporate all liquid from the 'bayonettes' started last night. Outlook for today: start pumping at 15mbar.
- R. Rabehl: new calibration coefficients for the level gauges not downloaded yet (the numbers are ready for the arc but not for the LSS). Will be done today. No update on the 120A lead condensation problems when at nominal temperature.
- F. Millet: he now confirms that for the 6kA leads, when their temperature at the bottom is the nominal 50K, condensation appears - after a full day - between the copper block and the insulator.
- R. Saban informed the meeting that he has secured heaters, should they be needed to solve the DFB condensation problems.
- A. Perin reported on x-ray investigations: DFBMC connections look normal and he is even able to see that the level gauge sits in its nominal position - although he has to look through the 20cm-thick stainless steel container-. Further x-ray shots of the area close to the pig tail will be taken this evening.
- V. Chareyre: finished 12L8 and 14L8 transfer function tests.
- A. Vergara: asks that one 120A convertor be unlocked for tests. Hope to finish with the 60-120A sequencer software today.
- R. Saban showed what he intends to present to the ICC meeting (see enclosed presentation). The comments received were integrated in the slides.

- Next meeting Monday 16 April at 08:30 in 2889-R-009.

M. Koratzinos

## Open Hardware Commissioning Issues in SECTOR 78

REGION	ISSUE
SECTOR 78	
	Non-conformity of the AC cabling of the crates under the magnets. This concerns ACR, MEL & VAC. Missing still for 81.
	Replacement of the o-rings of the DC water cooled cables
	World-FIP repeater may not be connected to the UPS - AB/PO segment
	Voltage tap problem in 33R7 quadrupole - Another tap will be used instead. However the damaged tap might be floating on the conductor.
	Non-conformity of the crates of cryo instrumentation (inrush current) (A.Suraci)
	Securing of the ventilation units
	Following ECR 804188, Q4-Q10 power converter identification on the electrical switchboard to be corrected.
	Circuit RCBCHS5.L8B1 (in Q5) suffers a breakdown at around 500V due to a weak insulation.
	Continuity error with cable 1813004A and a wrong housing of 1702440 which should be replaced (D.Bozzini) check
	EI_QA performed on C16L8. ICC test showed reversed sequence of V-taps on circuit RCBV16.L8B1 (D.Bozzini) check
	BPM connection in Q2 (R.Jones) ? waiting for Inner Triplet to be repaired
	Re-installation of 3 BLMs interfering with pumping groups (B.Dehning)
	MB1055 magnet to be changed before powering above 2kA RB.A78
	Inner Triplets in Points 7 and 8 to be replaced

Water leak on the tunnel concrete wall to be fixed (C33L8).

Closed hardware commissioning issues in sector 78 can be found at <http://hcc.web.cern.ch/hcc/activities/activities.php?region=S78>.