

*RAT in Point 8* Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION - WEEK 15

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

Present: AB/CO: M. Zerlauth, M. Koratzinos, R. Schmidt  
AB/PO: H. Thiesen, F. Bordry  
AT/MEL: R. Denz  
AT/MTM: A. Siemko, S. Sanfilippo  
AT/ACR: R. Rabehl, S. Claudet  
TS/HDO: R. Saban, M. Pojer, A. Vergara, MP. Casas Lino,  
J. Etheridge

**Sector 78**

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- S. Claudet reported on cryo progress: Two more trips attributed to the frequency converter. Problem is still being debugged. The second cryo plant is nearly ready operational, with 75% of interlocks already reconfigured. Plans for the weekend: Plant A (currently used) will be kept at 3K where plant B will run at 15mbar in closed loop mode. The plants can be switched over on Monday.
- M. Pojer: one flow meter installed on the 8×120A lead assembly. It can be used to check valve opening and possibly boil off rates for level gauge calibration.
- A. Vergara: would like to start testing the 60A magnets today. For that the following conditions need to be met: The situation needs to be stable, the active cooling needs to be on and the temperature of the magnets concerned below about 4K with pressure not exceeding 6bar. The OK will be given verbally by the cryo operator.
- R. Saban: hopes that the DFBMA will be released early next week followed by DFBMC. Both DFBs must be operational to provide CRYO\_START.
- A. Vergara: today between 17:30 and 24:00 access system tests, so access to the tunnel will be severely restricted.
- Next meeting Monday, 23 April at 8:30 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.
	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
	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>.