

RAT in Point 8 Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION - WEEK 15

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

Present: AB/CO: M. Zerlauth, M. Koratzinos, R. Schmidt
AB/OP: L. Normann
AB/PO: D. Nisbet, H. Thiesen, F. Bordry
AT/MEL: B. Flora, G. Kirby
AT/MTM: S. Sanfilippo
AT/ACR: R. Rabehl, S. Claudet
TS/HDO: R. Saban, M. Pojer, A. Vergara, MP. Casas Lino,
M. Solfaroli

Sector 78

- S. Claudet reported on cryo progress: The cryo team are now confident that they know the cause of problems when pumping at 15mbar: The four cold compressors working in series to achieve 15mbar are working close to their full capacity (at 90%). Therefore one needs to be very careful during adjustments that neither of the compressors goes outside its operational range. Hope to be at 15mbar this afternoon and at stable 1.9K conditions 24 hours later.
- S. Claudet: yesterday communication with the tunnel was lost for a while, some cold mass heaters were switched on resulting in high temperatures for the magnets. When communication was re-established, heaters were switched off.
- S. Claudet: the newer cryo power plant is being tested for interlocks. It will be ready today for a possible switch, should it be deemed necessary.
- R. Saban reported that there are now daily DFB meetings to assess progress on various studies (for example, on the liquid level sensors). R. Rabehl: Heaters were installed in DFBMA and they are undergoing tests. These heaters include a thermocouple for regulation.
- Next meeting: Friday 20 April at 8:30 in 2889-R-009 (however, there will be a meeting tomorrow, Thursday 19 April at 13:30 in 2889-R-009 to assess progress)

R. Schmidt
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>.