

7 May 2007 08:30 in 2889-R-009

Present: AB/CO: M. Koratzinos, R. Schmidt, M. Zerlauth
AB/PO: V. Montabonnet, H. Thiesen, D. Nisbet
AB/OP: R. Giachino, M. Albert, L Normann
AT/MEL: D. Bozzini, S. Feher, G. Kirby, B. Flora, KH. Mess,
A. Ballarino, S. Le Naur, P. Chambouvet
AT/MTM: A. Siemko
AT/MCS: M. Modena
AT/ACR: F. Millet, R. Rabehl
TS/HDO: R. Saban, M. Pojer, MP. Casas Lino, M. Solfaroli

Sector 78

- S. Claudet reported on cryo progress: Pump down on Friday stopped at 30mbar due to the previously seen instabilities with liquid in the bayonette heat exchangers. Decided to stay at cold stand-by mode (70mbar) for the weekend. Will start pumpdown to 15mbar today and hope to be at 1.9K by tomorrow.
- DFBMA: Is at nominal conditions for powering.
 - The "dry-air bag" fix is keeping them free of condensation.
 - Temperature at the bottom of leads is 33K for the 120 A leads and 50K for the others.
 - The cryo team are confident that the helium liquid level is within specifications for powering in all chimneys.
- M. Pojer: for the 120A 8-lead assembly the low temperature interlock is likely to trigger under such conditions. R. Schmidt suggested that the interlock temperature be moved from 284K to 273K. Reason for this interlock is condensation which is not present anyway.
- D. Bozzini: during the morning a high voltage test will be performed in DFBMA to test if the "dry air bag" solution deteriorates insulation.
- S. Claudet: one of the ingredients of CRYO_MAINTAIN signal will be the requirement that the temperature at the bottom of the leads is 32 ± 3 K. The equivalent CRYO_START value will be 32 ± 2 K. Some signals from DFBMC will be masked.
- Decision for powering will be taken at 14:00 today at the FCR.

- M. Pojer reported that he performed air speed measurements: <https://twiki.cern.ch/twiki/bin/view/HCC/BlogEntryPoint8x2007x05x04x22x39?point=8>
- Next meeting Tuesday, 8 May at 8:30 in 2889-R-009

M. Koratzinos

Open Hardware Commissioning Issues in SECTOR 78

REGION	ISSUE
SECTOR 78	
	QPS voltage tap problem in quadrupole 33R7 - Another tap will be used instead. Attention because 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
	Four circuits in Q5 suffer a breakdown at around 450V due to a weak insulation. The four circuits are RCBCVS5.L8B1, RCBCHS5.L8B2, RCBCHS5.L8B1 and RCBCVS5.L8B2. Insulation towards ground and other circuits is OK.
	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
	MB1055 magnet to be changed before powering above 2kA RB.A78
	Inner Triplet in Point 8 to be repaired
	Failure of supports (red jacks) of D2-Q4 in L8 - temporary repair in place. EDMS document "Major movements of the D2-Q4 magnets and supports in 8L" https://edms.cern.ch/document/833365/1
	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>.