

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

Present: AB/CO: M. Koratzinos, R. Schmidt, M. Zerlauth
 AB/PO: D. Nisbet, Y. Thurel, H. Thiesen
 AB/OP: M. Albert, L Normann
 AT/MEL: D. Bozzini, S. Feher, G. Kirby, B. Flora, KH. Mess,
 A. Ballarino, S. Le Naur, P. Chambouvet, R. Denz,
 K. Dahlerup-Petersen, M. Lamm
 AT/MTM: A. Siemko, G. d'Angelo
 AT/MCS: J-P. Tock
 AT/ACR: F. Millet, R. Rabehl, L. Ronayette
 TS/HDO: R. Saban, M. Pojer, MP. Casas Lino, M. Solfaroli,
 A. Vergara
 TS: P. Ciriani
 LHC/DI: L. Evans

Sector 78

- New attendance record: 32 participants
- F. Millet reported on Cryo progress: one turbine was lost in the 4.5K refrigerator unit yesterday, which degraded the line C supply. The system was left in cold stand-by mode overnight to stabilise line C. Pumpdown will continue this morning with the aim to be at 1.9K tomorrow.
- R. Rabehl reported on DFBs: Dry air bags have been installed on DFBMA and DFBMC. Conditions are nominal with the exception of the temperature at the bottom of the 8-lead assembly which is at 38K and will be taken to 32K this morning. No condensation has been observed on the chimneys. There are also ambient temperature air blowers on DFBMC and heated air blowers on DFBMA.
- A. Ballarino showed a couple of slides (attached) asking about the reliability of temperature sensor TT841 in DFBMA and about a seemingly strange behaviour of the temperature of the HTS in the DFBAO when the gas Helium valve is opened. In the discussion that followed, it was decided not to carry out powering tests today.
- The 60A corrector circuit tests can continue after 1.9K conditions in the tunnel are achieved and condensation issues resolved. The 120A circuits on the DFBs need a temperature at the bottom of the current leads of 32K.
- Next meeting Thursday, 10 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>.