

28 March 2007 08:30 in 2889-R-009

Present: AB/CO: A. Castaneda, M. Zerlauth
AB/MEL: D. Bozzini, P. Chambouvet, V. Chareyre, K. Dahlerup-Petersen, B. Flora, Glen Kirby
AB/OP: L. Ponce
AB/PO: V. Montabonnet, D. Nisbet, H. Thiesen
AT/ACR: F. Millet, R. Rabehl
AT/MTM: A. Siemko
AT/MCS: G. de Rijk
TS/HDO: M.P. Casas, J. Etheridge, B. Perea, M. Pojer, R. Saban, M. Solfaroli, A. Vergara

Sector 78

- K. Dahlerup-Petersen reported on the quench heaters results for Q4: after 3-4 discharges, the resistance of one heater increased from 12 to 40 Ω . He will investigate with Davide to find out the reason and identify the problem.

R. Saban asked whether the protection of this magnet cannot be done using only one heater circuit (for redundancy, every pole is protected by two heater circuits); G. Kirby answered that in case of failure of the second circuit power supply, the magnet would melt. A. Siemko for MPP confirmed that further investigations are needed before a decision is taken.

A. Vergara asked whether dummy resistors could be installed to go ahead with PIC1, K. Dahlerup-Petersen replied that they do not have additional dummy loads to do this.

- A. Vergara asked to perform the quench heater discharge tests on Q5, so that this circuit could be ready for PIC1.
- Planning for today is:
 - ✓ morning - diagnostic from Davide on faulty quench heater circuit
 - ✓ afternoon - test from CCC (PIC1) on D2, Q5 (after positive QH discharge test) and possibly Q4
- Markus reminded that a scheduled service intervention to the database server hosting the LSA, Measurement, and LHC Logging databases will take place on Thursday 29, for the whole morning. Also related services (Timber, Meter, ...) will be unavailable during the intervention.

F. Millet added that they will need one more hour to reestablish the correct functioning of their systems after databases will be back on service.

- Roberto informed that L. Serio and R. Rabehl have been appointed as responsible for the DFBS commissioning, with M. Pojer as link of the HCC with them.
- Tomorrow Pascal will connect the water-cooled cables to the DFBMA and DFBMC.
- Problems on the 120 A circuit of the DFBMC have not yet been solved; a NC has been opened by Davide.
- J. Etheridge pointed out that Flohe is not working properly with the cables suspended on top of the DFBS always risking to damage the chimneys.

B. Perea informed that Serge Grillot is supposed to strictly follow the activities of Flohe.

- D. Bozzini asked on the possibility of performing the ELQA on the DFBMH and F. Millet answered that the He level is not yet well controlled there because of missing instrumentation.
- R. Saban reported that the field control room in UA43 was broken into: nothing seems to have been stolen, but people having stored material there should check.

Open Issues

AC non-conformity

- 13.11.06 Non-conformity of the crates of cryo instrumentation (inrush current) (A.Suraci: ready next year)
- 13.11.06 Non-conformity of the AC cabling of the crates under the magnets. This concerns ACR, MEL & VAC. Missing still for 81.

DC cabling

- 19.01.07 Warm Magnet cable positioning to be changed to avoid "antenna" effects (M.Condemine, J.C.Guillaume)

Instrumentation Cabling

- 10.01.07 Continuity error with cable 1813004A and a wrong housing of 1702440 which should be replaced (D.Bozzini) check

Cryogenics

Safety

General remark: written communication in advance to announce operations!!!

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

Preparation of powering test

- 30.11.06 EI_QA performed on C16L8. ICC test showed reversed sequence of V-taps on circuit RCBV16.L8B1 (D.Bozzini) check

AOB

- 08.01.07 Re-installation of 3 BLMs interfering with pumping groups (B.Dehning)
- 13.11.06 BPM connection in Q2 (R.Jones) - waiting for Inner Triplet to be repaired

Closed Issues

Vac-Cryo Interlock tests - window of 1 day needed (P.Cruikshank-F.Millet) check Friday	26.02.07
Cryo-instrumentation cables: 2 LSS8L connectors (A.Suraci-J-C.Guillaume) ok	12.01.07
Cryo-leaks in dipole 3002 and SSS349 (F.Millet) ok	12.02.07
Installation of UPS PIC boxes (E.Barbero)	29.01.07
Pre-connection of 120A cables in LSSR7 (TS/EL) - PC Non conformities (H.Thiesen)	22.11.06
Mobile camera installed, tested, fully operational (K.Kershaw)	16.01.07
DFBXG Temperature sensors repaired (R.Rabehl)	16.01.07
Warm magnet transport stuck in the arc 78.	15.01.07
Connection of the NC Magnets in LSS8R (J-C.Guillaume)	15.01.07
DFBX Pumping of Current Leads insulation vacuum (S.Feher, P.Chambouvet)	15.01.07
QPS - 2 cables need repair (R.Denz-D.Tommasini)	12.01.07
DFBXG non-conformity on the current lead heater cables 1821322 and 1821323 (P.Chambouvet-J-C.Guillaume)	12.01.07
Cryo-instrumentation cables: 2 LSS8L + 1 LSS7R to be pulled (A.Suraci-J-C.Guillaume)	15.01.07
Bad positioning of the 13 kA power cable <i>cosses</i> corrected (J-C.Guillaume-P.Denis)	11.01.07
Cryo-instrumentation cables at DFBX inversion sorted out (A.Suraci)	10.01.07



Next RAT meeting

Friday, 30 March 8:30 in 2889-R-009

M. Pojer