

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

Present: AB/CO: R. Schmidt, M. Zerlauth
AB/MEL: V. Chareyre, K. Dahlerup-Petersen, B. Flora, Glyn Kirby
AB/OP: L. Ponce, W. Venturini
AB/PO: V. Montabonnet, H. Thiesen
AT/ACR: R. Rabehl
TS/HDO: M.P. Casas, M. Pojer, R. Saban, A. Vergara

Sector 78

- There is a control problem with the overflow of He from the heat exchanger tube in the phase separator. In order to evaporate that helium, the magnets have been left to heat up.
- V. Chareyre will start performing the ELQA on DFBMH this afternoon as soon as the level is stabilized in Q6.
- A.Perin would like a few X-ray shots of the DFBMC to check the status of the joints between the current cartridge and the collector. R.Rabehl reports that he also would like to check the position of the level gauges.
- Concerning Q4, G. Kirby reported that the problem with the quench heater is most probably located out of coil area, on one of the junctions. MPP has not yet decided what to do with this magnet, but PIC1 can nevertheless be carried out after the faulty heater is disconnected by Reiner.
- A. Vergara informed that V. Baggiolini is going to perform a Powering Procedure Test with the 120 A of the DFBMA; he asked to put the short-circuits back in place on the power converters. H. Thiesen confirmed they had not been removed.
- M. Zerlauth informed that PIC1 had failed on Wednesday afternoon due to problems with summer time (data recorded with wrong time). The problem has been solved and the tests will continue today.
- Planning for today is
 - ✓ morning
 - 1 - PIC1 for RD2.L8 (Action Markus)
 - 2 - QPS Software upgrade for RQ4.L8 and RQ5.L8 (Action Reiner)
 - 3 - PIC1 for RQ5.L8 (Action Markus)
 - 4 - Disconnection of the failed quench heater in Q4 (Action Reiner)

- 5 - PIC1 for RQ4.L8 (Action Markus)
- ✓ afternoon
 - 6 - In parallel with (5)
 - consignment of RQ5.L8 (Action Valerie)
 - Quench heater power supplies DFBMC disarmed (Action Reiner)
 - connection of the current leads of RQ5.L8 in DFBMC (Action AT-MEL)
 - 7 - Once (5) is completed:
 - consignment of RQ4.L8 and RD2.L8 (Action Valerie)
 - Quench heater power supplies DFBMA disarmed (Action Reiner)
 - connection of the current leads of RQ5.L8 in DFBMC (Action AT-MEL)
 - Connection of the 120A circuits in DFBMA to the power converter (removal of the converter short-circuit) (Action Valerie)
 - 8 - From 10 am Vincent will start the EIQA for Q6 in Point 7.
- Next week there will be only one shift.

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

Monday, 2 April 8:30 in 2889-R-009

M. Pojer