

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

Present: AB/CO: M. Koratzinos, R.Schmidt, M. Zerlauth
AB/MEL: V. Chareyre, D. Bozzini, B. Flora, R. Denz
AB/PO: H. Thiesen, D. Nisbet
AB/OP: R. Alemany
AT/MCS: G. de Rijk
TS/IC: E. Barbero Soto
TS/HDO: R. Saban, A. Vergara, B. Perea, M. Pojer

Sector 78

- F. Millet: Magnets now at a temperature of about 3.6K. 1-2 tons (1—15%) more He is needed to achieve (and keep) stable 1.9K conditions. Programme the next couple of days: Consolidate, continue filling DFBs (at a temperature of 70K). Estimate for 1.9K: next week.
- F. Millet: instrumentation team will be in the tunnel today. Level gauges will need to be commissioned. Clarification by AT-MEL (G.Kirby) for the helium level in the cryostats is required.
- R. Saban: discussed the programme of this week in a mail to parties involved. Main points reproduced here:
 1. ELQA for all circuits in the two cryostats (D.Bozzini)
 2. QPS tests (heater discharge) for the quadrupole magnets Q4 and Q5, and the dipole magnet D2 (R.Denz)
 3. Finish PIC1 for these circuits (M.Zerlauth)
 4. Check correct exchange of CryoOK between Cryogenic system and PIC (M.Zerlauth, L.Serio, E.Blanco)
 5. Connect cables to current leads (A.Gharib, Ph.Denis)
 6. Perform PIC2 for all magnets in the two cryostats (M.Zerlauth, H.Thiesen, A.Vergara)
 7. Perform Powering to Nominal for all magnets in the two cryostats (D.Nisbet, H.Thiesen, A.Vergara)

Tentative planning:

Day 1: ELQA and QPS

Day 2: PIC1 and test CryoOK

Day 3 (4h): Connect cables to current leads

Day 3 (4h): Start PIC2

- R. Denz noted that he would like to have a written o.k. to discharge the heaters for ensuring that there is nobody working in the area concerned.
- Note that CRYO is the owner of the tunnel this week. The handover of responsibility to the HC team will happen with the CRYO OK. Nevertheless, access to the tunnel will be limited starting tonight. New door in P7 will be locked tonight. R. Saban will find a solution so that a door in P8 that is not under access control will also get locked.
- Balisage in the UA: morning chains and flashing lights, afternoon no access.
- After the meeting: R. Saban reported on the problem of the grounding between the water tube and the He return line on the DFBs (see last meeting): ACR agreed to fix the problem by twisting the He return line by a few degrees. Only the middle current lead is affected and they will check all DFBs.
- Next meeting Thursday 22 March.

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

Thursday, 22 March 8:30 in 2889-R-009

R. Schmidt
M. Koratzinos