

5 March 2007 08:30 2889-R-009

Present: AB/CO: M.Koratzinos, R.Schmidt, R. Harisson, M. Zerlauth
AB/PO: H. Thiesen, D. Nisbet
AT/MEL: K. Dahlerup-Petersen, B. Flora, D.Bozzini
AT/MCS: M. Modena
TS/HDO: A.Vergara, R. Saban

Sector 78

- CRYO: Progress reported by R. Saban: All software problems solved now; temperature of magnets now around 20K. Cryo stopped the cooling of the magnets for a while and observed a small temperature rise of about 1.4K per day.
- Cooling down to 4.5K starting now.
- D. Bozzini: Galvanic insulation of DFB problem reported: One galvanic insulation for 600A had broken. Should this have been observed during the tests?
- AP/PO (D. Nisbet): During the previous ELQA the converters were grounded as an extra precautionary measure. People should not assume this to be the case in the future. For future ELQA tests, Davide Bozzini and his collaborators will ensure that the cables between current leads and power converters will be connected to ground, in order to avoid any accidental high voltage on the power converters during the tests.
- A. Vergara: DFBAN: will perform PIC1 on 12 circuits today (half of total). DFB will be fenced off – CRYO should be informed. Other half by end of week.
- ODH system connection today: Small probability of a false ODH alarm.
- Lights cut (scheduled for Friday) suspended for this Friday.
- AB/PO: 60A, 120A calibration this week. Will make sure no interference with PIC1 activities.
- Next meeting Wednesday 7 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

Wednesday, 7 March 8:30 @ 2889-R-009

R. Schmidt
A. Vergara
M. Koratzinos