

12 March 2007 08:30 2889-R-009

Present: AB/CO: M. Koratzinos, R.Schmidt, M. Zerlauth, A. Castaneda,
R. Harrison
AB/MEL: K. Dahlerup-Petersen, B. Flora
AT/MCS: M. Modena
AT/ACR: F. Millet
AT/MTM: A. Siemko
TS/HDO: R. Saban, J. Etheridge

Sector 78

- F. Millet: CRYO progress since last meeting: On Friday the magnets were filled to 60-70% with liquid He. After tuning of helium guard system, first pumping down to 800 mbar (saturated temperature = 4 K) of Line B has been done on Friday during few hours with the 1.8 K refrigeration unit.

Since there was not enough He stored at P8 or P7 to continue and the transfer from Point 6 was postponed to Monday due to lack of ODH system in sector 67, the supply valves to the magnets were closed. This resulted in the heating up of the magnets due to static heat loads. Cooling down was re-started today with aim to reach 4.5K everywhere by mid day and 1.8K towards the middle of the week.
- F. Millet: CRYO instrumentation: Most hardware problems solved; 95% of the level gauges are available for operation (2-3 gauges not working); two 'hot points' on line N observed an instrumentation problem is suspected – will be checked today.
- AT/MEL: one more short to ground of the galvanic insulation found right of P7 on the RQTL11 circuit. Will be fixed this morning.
- M. Zerlauth: PIC1 on DFBN DFBMH: one set of 4 circuits not done yet; problem of Post Mortem QPS data time stamp interpretation: will be fixed. All circuit tests of these two DFBs are expected to be finished by tomorrow. Current status of tests can be seen in <http://controls-wiki.web.cern.ch/controls-wiki/COGroup/HC/Intl>.
- M. Zerlauth: reminder that there will be an intervention in the CCC this afternoon (for software maintenance and update operations) with no tests foreseen.
- A. Siemko: request for access for 3-4 persons for 2-3 hours today to investigate open voltage tap on quadruple 33R7.

- Next meeting Wednesday 14 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, 14 March 8:30 @ 2889-R-009

R. Schmidt
M. Koratzinos