

3 April 2007 08:30 in 2889-R-009

Present: AB/CO: R. Schmidt, M. Zerlauth, A. Castaneda,
M. Koratzinos
AB/OP: S. Redaeli, M. Gruwe
AB/PO: H. Thiesen, A. Cantone, D. Nisbet
AT/MEL: D. Bozzini, G. Kirby, P. Chambouvet, P. Denis, A.
Ballarino
AT/ACR: R. Rabehl, F. Millet
TS/HDO: M.P. Casas, M. Pojer, B. Perea, A. Vergara, J.
Etheridge, M. Solfaroli, B. Bellesia
IT/DI: P. Anderssen

Sector 78

- R. Schmidt reported on a mail by B. Perea on yesterday's progress: Actions reported in yesterday's meeting were achieved with the exception of tasks that needed cryo nominal conditions in DFBMA, which was not achieved.
- R. Schmidt: Document that describes the safety procedures for electrical equipment ("PROCEDURES DE MISE EN SECURITE DES OUVRAGES ELECTRIQUES") can be found here: http://edms.cern.ch/file/708634/2/Note_36_GK.pdf
- Water-cooled cables were connected on DFBMA. Procedure took 15 mins per cable.
- A. Ballarino reported on the difficulty to cool the lower part of the 120A current lead in the DFBMA: Platinum temperature sensors are used and there is a suspicion that the calibration curves (that convert resistance to temperature) are not correct. The resistance of all sensors on the 120A chimneys of DFBMA will be measured to help sort out the problem.
- F. Millet: The group is still experiencing difficulties to maintain the supercritical He conditions. Recovery from events is very long (many hours). There was a successful attempt to pump down to 15mbar at 18:00 but at 22:00 the cold compressors stopped. Achieving nominal cryo conditions in the DFBs and in the arc are currently competing tasks.
- There are some indications of condensation problems on the chimneys of the DFBs that need to be understood. For this, the expertise the teams AT/ACR consulted by members from AT/MEL will be needed, to bring the DFB to nominal conditions to study the problem.
- It is not expected to get the CRYO_OK for the arc this week.

- There will be no powering tests until we know more about DFB temperature and level issues.
- Q5 tests: D. Bozzini and co prepared the test in the lab, and the tests on the magnets will be done today.
- D. Nisbet requested more cable DHCP connections for the field control room. Currently the wifi bandwidth is insufficient to serve several laptops. P.S. Anderssen will investigate.
- M. Zerlauth asked to continue to use the short-circuited 120A converter for sequencer work.
- Next meeting tomorrow, Wednesday 4 April.

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

Tuesday, 3 April 8:30 in 2889-R-009

R. Schmidt
M. Koratzinos