

RAT in Point 8 Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION - WEEK 15

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

Present: AB/CO: A. Castaneda, M. Zerlauth, M. Koratzinos
AB/OP: S. Redaelli, R. Suykerbuyk
AB/PO: D. Nisbet, H. Thiesen
AT/MEL: J. Ludwin, B. Flora, P. Chambouvet, S. Feher
AT/ACR: R. Rabehl, A. Eychenne, S. Claudet
TS/MME: JM. Dalin
TS/HDO: M. Pojer, B. Perea, R. Saban, B. Bellesia,
A. Vergara

Sector 78

- All arc magnets are now below the lambda point with superfluid helium but not yet at the nominal 1.9K (mean temperature 2.0K). The cryo team will give a verbal cryo_start for the 60 A orbit corrector tests, but not a cryo_start for the whole arc yet.
- J. Dalin: reported on the x-ray tests: Pictures were available this morning, they will be studied by experts.
- R. Rabehl: the tests to understand why the current leads cannot be cooled down to nominal temperature without condensation/icing of the chimney of the DFMB will continue today
- J. Ludwin: EIQA tests finished on the two 600A circuits for Q6 in the DFMBH right of Point 7
- J. Ludwin: will have the first four 60A corrector circuits tested by 15:00 today.
- A. Siemko noted that for the 60A tests to take place, the temperature of the thermal screens should be nominal. S. Claudet confirmed that this is the case (temperature between 50-70K)
- Plans for today:
 - DFMB liquid level/current lead cooling tests will continue
 - 60A converters will start being ELQA at cold, followed by powering tests (performed from the field control room)
- Next meeting tomorrow, Wednesday 11 April at 8.30.

▪ 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, 11 April 8:30 in 2889-R-009

M. Koratzinos