

RAT in Point 8 Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION - WEEK 9

26 February 2007 08:30 2889-R-009

Present: AB/CO: M.Koratzinos, R.Schmidt, R. Harrison, I. Romera, A. Castaneda, M. Zerlauth
AB/PO: H.Thiesen
AT/ACR: F. Millet
AT/MEL: R.Flora, V. Charyere, D. Bozzini, S. Le Nour
TS/HDO: A.Vergara, J. Etheridge, R. Saban
AT/MCS: M. Modena
AT/VAC: P. Cruikshank

Sector 78

- No minutes from last meeting on Friday 23 February. Only points worth mentioning: the continuing cooldown of sector 78, then at 34°K; and PPT starting Friday 2 March.
- Back to Monday, 26 February: Cooldown of sector 78 now at 25°K (magnets). Cooldown of DFBS to start today, Monday 26 February 2007. Estimate: will take one day.
- D. Bozzini will indicate the current leads that are being monitored by MEL as there is a 50V potential difference applied and Cryo should not accidentally touch them. In case of an intervention, D. Bozzini will turn off monitoring.
- VAC: vacuum conditions good (10^{-6} insulation vacuum, 10^{-9} beam vacuum). Small problem requiring intervention in RR77. Estimate 2h tomorrow morning.
- PIC1 to start today for the 120A converters in point 7.
- Quench detector voltage tap of one quadruple is not connected from the inside. There is redundancy of two in that point. One of two taps constantly gives quench signal. Solution under study.
- Next meeting Wednesday 28 February.

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, 28 February 8:30 @ 2889-R-009

A. Vergara
M. Koratzinos