RAT in Point 8  Réunion Avancement Travaux

HARDWARE COMMISSIONING COORDINATION - WEEK 7

13th February 08:30 2889-R-009

Present:  AB/CO: M.Koratzinos, R.Lauckner
          AB/PO: H.Thiesen
          AT/MCS: J.P.Tock
          AT/MEL: V.Chareyre, R.Flora
          TS/EL: F.Cichecki
          TS/HDO: M.Coccoli, J.Etheridge, B.Perea, R.Saban, M.Solfaroli,
          A.Vergara

Sector 78

- R.Saban informed that the cryo-leak in the dipole 3002 was completed yesterday, while the repair in the SSS349 (C13L8) is taking place today. The cooldown is continuing in the arc, excluding the region affected by the leak.
- F.Cichecki informed that one control cable need to be pulled in UA83 below the power converters. This work cannot be performed until the end of the PPT beginning tomorrow.
- A.Vergara reported about an access problem happening yesterday. The reader of the UJ83 door was not working and the repair was completed last night.
- The repair of the water leak from the tunnel wall in C33L8 will not take place before the access conditions will be restored. J.Etheridge will investigate about the type of work and equipment this repair will take.

Sector 81

Warm Magnets (M.Coccoli)

- This morning the work to tune the compensators power converters will start. This will include putting current in the magnets, thus the proper balisage needs to be in place right after the meeting.
- Tomorrow and Thursday morning up to 1pm all the Pt8 warm magnets will be running. The safety conditions will be discussed this afternoon between M.Coccoli, J.Etheridge and E.Barbero.
Open Issues

AC non-conformity
29.01.07 Installation of UPS PIC boxes (E.Barbero)
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.

DC cabling
19.01.07 Warm Magnet cable positioning to be changed to avoid “antenna” effects (M.Condemine, J.C.Guillaume)
22.11.06 Pre-connection of 120A cables in LSSR7 (TS/EL) - PC Non conformities (H.Thiesen)

Instrumentation Cabling
12.01.07 Cryo-instrumentation cables: 2 LSS8L connectors (A.Suraci-J-C.Guillaume)
10.01.07 Continuity error with cable 1813004A and a wrong housing of 1702440 which should be replaced (D.Bozzini)

Cryogenics
12.02.07 Cryo-leaks in dipole 3002 and SSS349 (F.Millet)
16.01.07 Vac-Cryo Interlock tests - window of 1 day needed (P.Cruikshank-F.Millet)

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 EL_QA performed on C16L8. ICC test showed reversed sequence of V-taps on circuit RCBV16.L8B1 (D.Bozzini)

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

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, 15.01.07
P. Chambouvet

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 cosse corrected (J. C. Guillaume-P. Denis) 11.01.07

Cryo-instrumentation cables at DFBX inversion sorted out (A. Suraci) 10.01.07

**Milestones: Test Schedule**

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<td>Week 08</td>
<td>Decision on DFBs clamps disconnection from Sector 78 (to use them in Sect45 and Sect81)</td>
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Next RAT meeting

*Wednesday, February 14*th *8:30* @ P8 2889-R-009

Mirco Coccoli